

Disposal of the Oxford Forestry Institute (OFI)/Department of Plant Sciences (DPS) Oxford collection of tree/shrub/liana seed



Final Report

R6551

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Executive Summary

Seed collection, storage, distribution and evaluation have been a major research activity of the Oxford Forestry Institute over the last 35 years. Recent years saw:

- A change in the focus of research funding from donors, away from seed collection and trial evaluation.
- Completion of OFI research projects for which seed collection was a major activity.
- Fall in the demand for seed.

A review of options for the future of the OFI seed collections was undertaken in 1999 and a report on this submitted to FRP in January 2000. DFID agreed to the general plans as outlined in that report and FRP agreed to fund the work involved to rationalise and re-distribute the remaining seed (>1,900kg of seed in some 7,400 lots). The over-riding purpose of the activities was that the seed be used for the greatest possible developmental benefit and that this should predominate over any research consideration.

The majority of the pine seed was sent to DFSC and the legumes to ICRAF for future distribution and use. All transfers were governed by signed Letters of Agreement or Material Transfer Agreements (as appropriate), the content of which received the prior approval of FRP.

Acknowledgement

Thanks to Margaret Greenwood, Tony Wadell and Corinne Baker of Seed Trading, Forestry Commission, Alice Holt for their hard work in packaging and despatching the seed.

This document is an output from a project funded through the Forestry Research Programme of the UK Department for International Development (DFID) for the benefit of developing countries. The views expressed are not necessarily those of DFID. Project R6551, Forestry Research Programme.

List of Acronyms

ACIAR	Australian Centre for International Agricultural Research
CAMCORE	Central America and Mexico Coniferous Resources Cooperative.
CATIE	Centro Agronomico Tropical de Investigacion y Esenanza, Costa Rica
CWF	Dr Chris Fagg
DFSC	Danish Forest Seed Centre
DPS	Department of Plant Sciences, University of Oxford
FRP	Forest Research Programme
ICRAF	World Agroforestry Centre, Kenya
OFI	Oxford Forestry Institute, Department of Plant Sciences, University of Oxford
QFRI	Queensland Forestry Research Institute, Australia.
REMSEFOR	Red de Semillas Forestales, Central America
SIAN	Seed Issue Advice Note

Background

Over the last 30 years the Oxford Forestry Institute has undertaken an extensive programme of research on forest genetic resources of a range of socio-economically important tropical tree species, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). This has involved the field exploration and collection of more than 7,000 seed lots, mainly in Central America and Africa, and distribution of seed for the establishment of international trial networks, seed orchards and genetic conservation plantings, as well as laboratory research to investigate taxonomic and genetic diversity. Seed has been sent to more than 900 recipients (academic institutions, research organisations, NGOs, government depts., research sections of commercial companies) in some 140 different countries. Over this period, these networks of species, provenance and progeny trials have yielded a large body of important data and information on the relative performance of the material as well as patterns of taxonomic and genetic diversity across a range of plantation and agroforestry species.

The seed was collected, in large part from natural populations, in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and research agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available to research organisations (in line with the principles of the FAO Code of Conduct 1991). In addition to the transfer of seed for development and research purposes, a subset of this material, consisting of provenances identified as under threat *in situ*, was transferred in 1995 for preservation within the long term seed storage facilities of the Royal Botanic Gardens, Kew.

Changing research priorities, funding constraints and greatly enhanced national and regional capacities to carry out this sort of work in tropical countries, mean that OFI is no longer in a position to continue to maintain these seed collections, nor to continue distribution of seed for trials. Furthermore, while there is still demand for seed of particular provenances that had showed promise in the trials, there was a considerable amount of older seed for which there was no longer any demand. Following a review in 2000 of future options for the seed collections, DFID/FRP agreed to fund the rationalisation and re-distribution of the remaining seed to other institutions who would ensure that the material would still be made available, in order to maximise its use for development benefit. As of 2000, the collections comprised some 7,400 seed lots of 213 species (56 genera), with a total seed weight of 1,944 kg.

Project Purpose

The over-riding purpose of the activities was that the seed be used for the greatest possible developmental benefit and that this should predominate over any research consideration.

Research Activities

Activities were as detailed in paragraph 4 of the Contract amendment (18th May 2000), and were as follows.

i) Rationalisation of whole OFI/DPS seed collections

The collections were rationalised on the basis of the principles detailed in the Contract amendment (18th May 2000). The proposed distribution of seed lots was approved by FRP, prior to final agreement with the recipients.

It was agreed that seed collections of the legume (and other agroforestry tree species) be transferred to the International Centre for Agroforestry Research (ICRAF) in Kenya, while the pine seed go to the DANIDA Forest Seed Centre (DFSC, now *The Danish Centre for Forest, Landscape and Planning, KVL*) in Denmark, on the understanding that they continue to make small research quantities of seed widely available for research or tree improvement purposes. Under these new arrangements, priority will be given to researchers in developing countries, and the seed will continue to be made available free of charge, but the holders reserve the right to recoup handling/carriage costs. All seed has now been rationalised and shipped from OFI to the various recipients. A detailed lot by lot description of the seed disposal is given in annex 8.

These transfers are governed by Letters of Agreement (LOA; annexes 4 & 5), which lay out the conditions for the transfer and future use of the seed as mutually understood and agreed by OFI and ICRAF and DFSC respectively. The LOAs include coverage of intellectual property/plant variety rights consistent with Article 8(j) of the CBD. Future use and distribution of germplasm (under the label 'ODA/DFID/OFI/new distributor's name') will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks. Mexico and Zimbabwe also received smaller quantities of seed for direct use within specific countries or regions. These are covered by the standard Material Transfer Agreement (MTA, annex 3), rather than specific LOAs. For certain provenances identified as threatened, seed was deposited in the Kew seed bank for long term *ex situ* conservation.

The associated hard copy documentation and database files (site descriptions, seed test data, history of seed distribution and trial establishment, *etc.*) were reviewed to ensure that relevant documentation accompanies seed lots whilst maintaining a basic archive in Oxford. Files at OFI have been rationalised and incorporated into the Oxford University Herbaria as a permanent hard copy archive, along with maintenance of the SISTEM+ database. The seed distribution database is maintained on the herbarium server (funded by FRP), with a number of external requests for information being answered. The hard copy files are held in a filing cabinet and were rationalised as follows.

Site description sheets

- 2 hard copies kept per seed lot
- All sheets into one file chronologically by species, with newest collections at the top, index dividers by species
- Site description sheets sent to seed recipients as follows:
 - ICRAF – 1 copy of any site description sheet for any legume species
 - DFSC – 1 copy of any of the pine site description sheets
 - Others – 1 copy of the site description sheet for the seed lots in the respective seed dispatch notes

Project Reports

- One copy of each report
- All into one file, index dividers with project number and name on
- One copy of any major report to ICRAF – legume projects, DFSC – pine projects

Country correspondence

- Bin all circulars asking what happened to x seed or y trial (just keep one copy of the circular)
- Rationalised to one file per project (e.g. *Cordia*, with dividers by country within file)
- Bin SIANs found in these files, after cross checking that found in SIAN master files

SIANs

- Keep as hard copy master record, transferred from ring binders to flat files.

Trial assessments

- Rationalised to one file, with index dividers per species assessment

ii) Germination tests of larger bulk provenance pine seed collections

To avoid shipping large weights of seed with poor germination, seed tests were carried out on the larger bulk provenance pine (30 seed lots) and *Liquidambar* collections (7 seed lots). Results are shown in annex 2. The tests showed that some seed lots had lost viability and these were destroyed.

iii) Germination tests of seed lots of particular species.

Germination tests were carried out on seed lots of *Bombacopsis quinata*, *Cordia alliodora*, and *Cedrela odorata* to provide new data on their long term storage capacity. Most lots of *Cedrela odorata* showed low viability and were destroyed. In addition, some old seed lots for which there was no obvious use/development benefit (e.g. provenances identified as showing particularly poor performance), or which might have posed weediness threats if ever widely distributed (e.g. bulk lots of *Parkinsonia aculeata*) were also disposed of.

iv) Transfer of remaining useful tropical pine seed to DFSC

A Letter of Agreement governing the transfer and future use of the germplasm was negotiated (approved by FRP) and signed (see annex 4 for copy). Seed was transferred. A smaller number of seed lots not required by DFSC were transferred to CAMCORE (annex 5), Zimbabwe Forest Commission, Chinese Forest Academy (annex 6). China will also hold seed for use within ACIAR development projects, as it was not possible to transfer seed directly to QFRI, owing to Australian phytosanitary restrictions on the import of pine germplasm. All transfers were governed by signing of an LOA or MTA, as appropriate.

v) Transfer of remaining tree legume seed to Programme 2 ICRAF

A Letter of Agreement governing the transfer and future use of the germplasm was negotiated (approved by FRP) and signed (see annex 7 for copy). Seed was transferred in aluminium foil pouches to comply with ICRAF requirements, and which enhances future storage. All non-bulk *Parkinsonia* seedlots were transferred to the University of Reading for use in laboratory studies of genetic and taxonomic diversity, especially in relation to invasiveness of *P. aculeata* in Australia.

vi) Transfer of remaining tropical hardwood timber species

Only *Bombacopsis quinata* and *Cordia alliodora* seed lots were still viable and CATIE originally agreed to take these. However following a revision of the workings of their seed bank, they declined to receive the material. The *B. quinata* material was transferred to CAMCORE. There is no demand for the *C. alliodora* material and it will therefore be held at OFI for use in a new EU Framework 6 INCODEV project, SEEDSOURCE, whose objective is (in line with maximising future development benefit) *to provide best practice policies for sourcing tree germplasm for use within a range of degraded landscapes to ensure the use of best adapted material, that maximises production, without eroding genetic and ecosystem diversity and long term adaptive potential.*

vii) Transfer of seed for pharmacological purposes

responsibility of FRP – seedlots in question currently held in cold storage at DPS

viii) Transfer of seed to OFI

Small amounts of some seed lots suitable for laboratory-based research are being stored in Oxford under the umbrella of the Oxford University Herbaria and managed by Herbaria staff. This seed will remain available for distribution for small, laboratory-scale research requests. Seed is maintained in the cold room in aluminium foil pouches which enhances future storage, and occasionally accessed for research purposes.

ix) Short report, with lot by lot inventory

This report

Outputs

All agreed activities were completed with the exception of vii)

Contribution of Outputs

The over-riding purpose of the activities was that the seed be used for the greatest possible developmental benefit and that this should predominate over any research consideration. This was done by targeting recipients who are involved directly in work related to farmers.

Annex 1

Draft of article for submission to Forest Genetic Resources Newsletter, IPGRI Newsletter, International Forestry Review Newsletter, OFI web page, REMSEFOR

Rationalisation and redistribution of OFI tropical tree seed collections

Colin E. Hughes and David H Boshier

Over the last 30 years the Oxford Forestry Institute has undertaken an extensive programme of research on forest genetic resources of a range of socio-economically important tropical tree species, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). This has involved the field exploration, and collection of more than 7,000 seed lots, mainly in Central America and Africa, and distribution of seed for the establishment of international trial networks, seed orchards and genetic conservation plantings, as well as laboratory research to investigate taxonomic and genetic diversity. Seed has been sent to more than 900 recipients (academic institutions, research organisations, NGOs, government depts., research sections of commercial companies) in some 140 different countries. Over this period, these networks of species, provenance and progeny trials have yielded a large body of important data and information on the relative performance of the material as well as patterns of taxonomic and genetic diversity across a range of plantation and agroforestry species.

The seed was collected, in large part from natural populations, in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and research agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available to research organisations (in line with the principles of the FAO Code of Conduct 1991). In addition to the transfer of seed for development and research purposes, a subset of this material, consisting of provenances identified as under threat *in situ*, was transferred in 1995 for preservation within the long term seed storage facilities of the Royal Botanic Gardens, Kew.

Changing research priorities, funding constraints and greatly enhanced national and regional capacities to carry out this sort of work in tropical countries, mean that OFI is no longer in a position to continue to maintain these seed collections, nor to continue distribution of seed for trials. Furthermore, while there is still demand for seed of particular provenances that had showed promise in the trials, there was a considerable amount of older seed for which there was no longer any demand. Following a review in 2000 of future options for the seed collections, DFID/FRP agreed to fund the rationalisation and re-distribution of the remaining seed to other institutions who would ensure that the material would still be made available, in order to maximise its use for development benefit. As of 2000, the collections comprised some 7,400 seed lots of 213 species (56 genera), with a total seed weight of 1,944 kg.

It has been agreed that seed collections of the legume (and other agroforestry tree species) will be transferred to the International Centre for Agroforestry Research (ICRAF) in Kenya, while the pine seed will go to the DANIDA Forest Seed Centre (DFSC) in Denmark, on the understanding that they will continue to make small research quantities of seed widely available for research or tree improvement purposes. Under these new arrangements, priority will be given to researchers in developing countries, and the seed will continue to be made available free of charge, but the holders reserve the right to recoup handling/carriage costs. All seed has now been rationalised and shipped from OFI to ICRAF and DFSC.

These transfers are governed by Letters of Agreement (LOA), which lay out the conditions for the transfer and future use of the seed as mutually understood and agreed by OFI and ICRAF and DFSC respectively. The LOAs include coverage of intellectual property/plant variety rights consistent with Article 8(j) of the CBD. Future use and distribution of germplasm (under the label 'ODA/DFID/OFI/new distributor's name') will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks.

CAMCORE, CATIE, China, Mexico, and Zimbabwe have also received smaller quantities of seed for direct use within specific countries or regions. Small amounts of some seed lots suitable for laboratory-based research are being stored in Oxford under the umbrella of the Oxford University Herbaria and managed by Herbaria staff. This seed will remain available for distribution for small, laboratory-scale research requests.

The associated hard copy documentation and database files (site descriptions, seed test data, history of seed distribution and trial establishment, *etc.*) have been reviewed as part of the rationalisation exercise to ensure that relevant documentation accompanies seed lots whilst maintaining a basic archive in Oxford. Files at OFI have been rationalised and incorporated into the Oxford University Herbaria as a permanent hard copy archive, along with maintenance of the SISTEM+ database.

Germination tests of some bulk provenance pine and *Liquidamber styraciflua* seed collections showed that some seed lots had lost viability and these have now been disposed of. Germination tests were also conducted to generate new information on long term seed storage potentials of *Bombacopsis quinata*, *Cedrela odorata* and *Cordia alliodora*. In addition, some old seed lots for which there was no obvious use/development benefit (*e.g.* provenances identified as showing particularly poor performance), or which might have posed weediness threats if ever widely distributed (*e.g.* *Parkinsonia aculeata*) were also disposed of.

Although the OFI seed distribution programme has now largely ceased, active research on forest genetic resources continues in Oxford. Current projects include a Sourcebook on Central American Trees (<http://arbolesdecentroamerica.info>), the EU-funded FRAXIGEN research project on Ash in Europe (<http://www.fraxigen.net>), and new work on indigenous domestication and diversity in *Leucaena* (<http://www.herbaria.plants.ox.ac.uk/bol/?leucaena>).

Contacts

For legume / agroforestry seed lots:

Ms. Lucy Mwaura, Research Officer,
Genetic Resources of Agroforestry Trees Unit,
ICRAF
P.O. Box 30677, Nairobi. KENYA.
Tel + 254 2 524161/524000 ext 4161 or via USA +1 650 833 6645
Fax + 254 2 524001 or via USA +1 650 833 6645
e-mail l.mwaura@cgiar.org

For Pine seed lots:

Dr. Lars Graudal, Head
Department for Management of Forest Genetic Resources
Forest & Landscape, Kongevej 11
DK-2970 Hoersholm, Denmark
Tel.: +45 45 76 32 00; Fax: +45 45 76 32 33
email: lgr@kvl.dk

For small quantities of seed for **laboratory-based** research (*e.g.* systematics, population genetics)
Curator, Oxford Herbaria
Department of Plant Sciences
University of Oxford
South Parks Road
OXFORD
OX1 3RB
UK

Acknowledgement

This document is an output from a project funded through the Forestry Research Programme of the UK Department for International Development (DFID) for the benefit of developing countries. The views expressed are not necessarily those of DFID. Project R6551, Forestry Research Programme.

Annex 2

Details of germination tests carried out under rationalisation process.

Test number	Botanical Name	Identity number	Germination % n + abn + fr	Viable %	Weight of sample (g)
M031	<i>Bombacopsis quinata</i>	44/83	0+ 0+ 0	0	4
M032	<i>Bombacopsis quinata</i>	24/81	39+6+ 0	45	4
M033	<i>Bombacopsis quinata</i>	28/83	79+2+ 1	82	5
M034	<i>Cedrela angustifolia</i>	16/80	0+ 0+ 1	1	2
M035	<i>Cedrela fissilis</i>	8/81	0+ 0+ 6	6	6
M036	<i>Cedrela fissilis</i>	7/81	0+ 0+ 6	6	6
M037	<i>Cedrela odorata</i>	23/77	8+15+ 7	30	4
M038	<i>Cedrela odorata</i>	25/80	5+ 0+ 0	5	2
M039	<i>Cedrela odorata</i>	55/79	0+ 3+ 6	9	3
M040	<i>Cedrela odorata</i>	14/75	8+10+ 0	18	4
M041	<i>Cedrela odorata</i>	36/78	3+ 3+ 0	6	4
M042	<i>Cordia alliodora</i>	29/86	0+ 0+ 0	0	3
M043	<i>Cordia alliodora</i>	79/87	1 + 0+ 0	1	2
M044	<i>Cordia alliodora</i>	30/78	39+6+ 0	45	3
M045	<i>Cordia alliodora</i>	19/77	30+4+ 0	34	3
M046	<i>Cordia alliodora</i>	55/78	56+2+ 0	58	3
M047	<i>Cordia alliodora</i>	22/78	53+2+ 0	55	3
M048	<i>Cordia gerascanthus</i>	16/77	2+ 2+ 0	4	8
M049	<i>Liquidambar styraciflua</i>	5/84	0+ 0+ 0	0	2
M050	<i>Liquidambar styraciflua</i>	6/84	0+ 0+ 0	0	2
M051	<i>Liquidambar styraciflua</i>	47/83	0+ 0+ 0	0	2
M052	<i>Liquidambar styraciflua</i>	46/83	0+ 0+ 0	0	2
M053	<i>Liquidambar styraciflua</i>	82/83	0+ 0+ 0	0	2
M054	<i>Liquidambar styraciflua</i>	81/83	0+ 0+ 0	0	2
M055	<i>Liquidambar styraciflua</i>	48/83	0+ 0+ 0	0	2
M056	<i>Toona ciliata</i>	25/86	0+ 0+ 0	0	2
M057	<i>Pinus caribaea</i>	69 (7296)	22+2+ 0	24	6
M058	<i>Pinus caribaea</i>	13/74	86+ 0+ 1	87	5
M059	<i>Pinus caribaea</i>	1/79	63+ 1+ 4	68	5
M060	<i>Pinus caribaea</i>	66/88	65+ 1+ 0	66	5
M061	<i>Pinus caribaea</i>	17/85	34+ 5+ 1	40	7
M061A	<i>Pinus caribaea</i>	22/85	78+ 1+ 1	80	7
M062	<i>Pinus caribaea</i>	21/80	31+ 0+ 0	31	7
M063	<i>Pinus caribaea</i>	21/85	52+ 1+ 1	54	6
M064	<i>Pinus caribaea</i>	19/85	51+ 1+ 1	53	6
M065	<i>Pinus caribaea</i>	2/87	56+ 1+ 1	58	8
M066	<i>Pinus caribaea</i>	20/80	52+ 1+ 2	55	6
M067	<i>Pinus caribaea</i>	34/81	66+ 1+ 1	68	8
M068	<i>Pinus caribaea</i>	18/85	62+ 1+ 0	63	6
M069	<i>Pinus caribaea</i>	31/81	72+ 1+ 0	73	8
M070	<i>Pinus caribaea</i>	22/80	47+ 1+ 0	48	7
M071	<i>Pinus caribaea</i>	20/85	73+ 1+ 1	75	7
M072	<i>Pinus caribaea</i>	12/81	55+ 2+ 1	58	8
M073	<i>Pinus caribaea</i>	1/87	0+ 0+ 0	0	5
M074	<i>Pinus caribaea</i>	16/85	32+ 2+ 0	34	6
M075	<i>Pinus caribaea</i>	50/78	53+ 0+ 1	54	5
M076	<i>Pinus caribaea</i>	9/86	72+ 1+ 1	74	8
M077	<i>Pinus caribaea</i>	2/79	26+ 2+ 0	28	6
M078	<i>Pinus chiapensis</i>	17/81	0+ 0+ 0	0	6
M079	<i>Pinus chiapensis</i>	64/85	2+ 1+ 1	4	6
M080	<i>Pinus maximinoi</i>	10/81	79+ 3+ 0	82	6
M081	<i>Pinus maximinoi</i>	37/78	23+ 0+ 0	23	4
M082	<i>Pinus maximinoi</i>	8/76	63+ 0+ 1	64	6
M083	<i>Pinus maximinoi</i>	4/76	6+ 0+ 0	6	6
M084	<i>Pinus patula</i>	24/85	76+ 0+ 0	76	6
M085	<i>Pinus patula</i>	32/85	75+ 0+ 0	75	5
M086	<i>Pinus patula</i>	7/77	78+ 1+ 0	79	6



Annex 3

Oxford Forestry Institute Material Transfer Agreement

Introduction

The Oxford Forestry Institute (OFI) has, for more than 30 years, been involved in collection of seed from wild populations of trees. This seed has been used for distribution to researchers in the tropics in order to evaluate performance of a variety of tree species over a range of sites and to investigate patterns of genetic variation. The approach of OFI is to support free exchange of seed and information between researchers in order to improve knowledge of the potential for various tree species to provide goods and services.

In response to current international interest in issues relating to transfer of germplasm OFI has recognised the need to formalise agreements with seed recipients in the form of a Material Transfer Agreement (MTA). The MTA is designed to promote scientific exchange while at the same time recognising the responsibilities of seed recipients towards the countries which donated seed for experimentation. Furthermore, as most of the seed distributed by OFI is not indigenous to the recipient country, the MTA also highlights the need for extreme caution when considering the need to request seed. The following guidelines are designed to assist in this respect.

Warning It is important that seed recipients consider the implications of introducing exotic species in relation to the potential threat of invasiveness. It is recommended that seed is requested only after consideration of these points.

- Introductions should only be considered if clear and well-defined benefits to man or natural communities can be foreseen and demonstrated.
- Introductions should only be considered if no native species is suitable for the purpose for which the introduction is being made.
- Introductions should not be made into pristine or semi-natural habitats, reserves of any kind or their buffer zones and, in most cases, oceanic islands.
- Introductions should not be made until risks of invasion have been assessed based on available data, including the autecology of the species, conditions of the area of introduction, reports of weediness from other areas, and the likelihood of interspecific hybridization with closely related species.
- Introductions should be made initially in small, closely monitored field trials under quarantine conditions. Monitoring needs to include assessment of seed production and dispersal and natural regeneration into surrounding areas. Collection of seed from trials by station workers or visitors needs to be controlled by harvesting all seed before it ripens, or removing flowers.

Material Transfer Agreement for Seed Order:

This organisation agrees:

- not to claim ownership over the seed received or its progeny, nor to seek intellectual property rights or plant variety rights over that genetic material or information produced from work in which it is involved
- to ensure that any subsequent person or institution to whom it makes samples of the seed available is bound by the same provision
- to manage the seed and any trees grown from it in such a way as to minimise as far as possible any potential threat from the species becoming an invasive weed
- that the Oxford Forestry Institute does not accept liability for any consequences resulting from the use of the seed.

Name of person or institution requesting germplasm

Address

Signature

Date

**LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM
FROM OFI TO ICRAF**

Prof. J. Burley
Director

Dr. D. Garrity
Director General

Date:

Oxford Forestry Institute, OFI
Department of Plant Sciences
University of Oxford
South Parks Road
OXFORD
OX1 3RB
UK

Date:

International Centre for Research in Agroforestry,
ICRAF
P.O. Box 30677
Nairobi
KENYA

ICRAF is supported by the Consultative Group on
International Agricultural Research, CGIAR

LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM FROM OFI TO ICRAF

As part of the review of the tropical tree germplasm collections held by the Oxford Forestry Institute (hereafter referred to as OFI), the germplasm summarised below, and listed in full in Annex 3, is hereby transferred to the International Centre for Research in Agroforestry (hereafter referred to as ICRAF).

Summary of germplasm transferred (full listing in Annex 3):

Genus	Number of seedlots	Weight of seed (Kg)
<i>Acacia / Faidherbia</i>	2317	467
<i>Albizia</i>	92	38
<i>Calliandra</i>	394	34
<i>Gliricidia</i>	347	23
<i>Leucaena</i>	940	277
TOTAL	4090	839

Over a number of years, OFI has safeguarded this germplasm and attempted to maximise its utilisation for agroforestry and other research, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). The vast majority of these collections are from wild populations; a few are from first generation seed orchards; they include no genetically modified (GM) material. A subset of this material was transferred in 1995 for preservation within the longterm seed storage facilities of the Royal Botanic Gardens, Kew (listed in Annex 4).

The majority of this material was collected or acquired by the OFI prior to the entering into force of the Convention on Biological Diversity (CBD) on 29 December 1993. Germplasm was collected in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available from OFI to research organisations, in line with the principles of the FAO Code of Conduct 1991. A small number of post-CBD *Acacia/Faidherbia* collections from southern Africa are highlighted in Annex 3. These are dealt with separately under clause xi.

The purpose of this Letter of Agreement (LOA) is to lay out the conditions for the transfer and future use of this germplasm as mutually understood and agreed by OFI and ICRAF. This germplasm and associated information is provided to ICRAF under the following conditions:

- i. Future use and distribution of germplasm will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks as mentioned under clause v and in Annex 2.
- ii. ICRAF agrees to make small research quantities of germplasm widely available for agricultural research or tree improvement purposes. ICRAF will make the seed available free of charge, but reserves the right to recoup handling/carriage costs. Priority will be given to researchers in developing countries.
- iii. Germplasm transferred from OFI to ICRAF will be accompanied by basic descriptive data on collection and seed viability, as well as records of prior recipients, as currently held in the OFI SISTEM+ database. In addition, associated hard copies of seed collection site information will be forwarded. If requested by ICRAF, OFI will forward copies of the relevant seed collection permits and agreements. OFI has judged that this documentation includes no traditional knowledge nor information requiring benefit sharing with local communities. However, OFI makes no warranty as to the quality of any information provided. In addition, no warranty is given concerning the viability of seed. ICRAF agrees to make these basic seed testing and seed distribution records permanently available for open inspection.
- iv. The phytosanitary condition of the material is warranted only as described in the phytosanitary certificate accompanying the seed, as issued by the UK Ministry of Agriculture. The OFI makes no warranty on the sanitary condition of germplasm. ICRAF will be responsible for arranging necessary import permits to facilitate entry of this material to Kenya.

- v. OFI makes no warranty as to the biosafety of germplasm and does not accept any liability for any consequences resulting from the subsequent use of germplasm transferred to ICRAF. Some of the species represented are known to be potentially weedy and invasive in certain situations. OFI encourages ICRAF to manage and distribute germplasm to minimise any potential threat from a species or variety becoming an invasive weed. Issues to be jointly taken into account by ICRAF and future seed recipients are listed in Annex 2.
- vi. ICRAF will acknowledge OFI and DFID when distributing seed by labelling, either internally or externally, all seed packets that are distributed from ICRAF with 'ODA/DFID/OFI/ICRAF'. In addition, the Material Transfer Agreement (MTA) used by ICRAF for subsequent distribution of germplasm (Annex 1) will include reference to the terms of this LOA.
- vii. ICRAF agrees not to claim ownership over this or derived germplasm. ICRAF will not seek intellectual property rights or plant variety rights over genetic material or information produced from work involving this germplasm. ICRAF may apply for an exception through the regulatory authority of the country of collection of germplasm, where this is felt to safeguard the accessibility of material, and sharing of benefits to small scale farmers. This is consistent with ICRAF's IPR Policy Guideline No. 10 and Article 8(j) of the CBD.
- viii. All distribution of this germplasm by ICRAF will be covered by the MTA provided in Annex 1 which seeks to ensure that any subsequent person or institution to whom it makes samples of this or derived germplasm available is bound by the provisions concerning the information and use of material laid out in this LOA.
- ix. ICRAF will reasonably endeavour to store seed under appropriate conditions in cold storage in order to maintain its viability and maximise its longevity.
- x. ICRAF makes no undertaking to regenerate nor maintain accessions to counter loss of viability or stock depletion resulting from distribution, nor to duplicate accessions. However, ICRAF may multiply germplasm if desired. This is most likely to be undertaken for accessions that have a particular value for distribution. Multiplied material constitutes derived germplasm and is covered by the MTA specified in Annex 1.
- xi. The small subset of post-CBD germplasm accessions marked as such in Annex 3 will be dealt with separately. For this germplasm, ICRAF undertakes to negotiate new agreements or repatriation of the material with the regulatory authority of the countries of origin.

Annex 1. Material Transfer Agreement

The material contained herein is being furnished by ICRAF under the following conditions:

ICRAF is making the material described in the attached list available as part of its policy of maximising the utilisation of genetic material for research. The material was collected by the Oxford Forestry Institute (OFI), University of Oxford, UK, with support from the Forestry Research Programme of the Department for International Development, DFID of the UK government, and transferred to ICRAF in 2000, with the understanding that it could be made available for agricultural research or tree improvement purposes.

The material is held by ICRAF under an agreement between ICRAF and the OFI, and the recipient has no rights to obtain Intellectual Property Rights (IPR) on the germplasm or related information.

The recipient may reproduce the seed and use the material for research and tree improvement purposes and may distribute it to other parties provided the recipient is also willing to accept the conditions of this agreement⁽¹⁾.

The recipient, therefore hereby agrees not to claim ownership over the germplasm to be received, nor to seek IPR over that germplasm or related information. He/She further agrees to ensure that any subsequent person or institution to whom he/she makes samples of the germplasm available, is bound by the same provision and undertakes to pass on the same obligations to future recipients of the germplasm.

ICRAF makes no warranties as to the safety or title of the material, nor as to the accuracy or correctness of any passport or other data provided with the material. Neither does it make any warranties as to the quality, availability, or purity (genetic or mechanical) of the material being furnished. The phytosanitary condition of the material is warranted only as described in the attached phytosanitary certificate. The recipient assumes full responsibility for complying with the recipient nation's quarantine/biosafety regulations and rules as to import or release of genetic material. ICRAF does not accept liability for any consequences resulting from the subsequent use of germplasm transferred to the recipient.

Upon request, ICRAF will furnish information that may be available in addition to whatever is furnished with the seed. Recipients are requested to furnish ICRAF with performance data collected during evaluations.

The material is supplied expressly conditional on acceptance of the terms of this agreement. The recipient's acceptance of the material constitutes acceptance of all the terms of this Agreement.

⁽¹⁾ This does not prevent the recipient from releasing or reproducing the seed for purposes of making it directly available to farmers or consumers for cultivation, provided that the other conditions set out in the MTA are complied with.

Annex 2. Species introductions and risks of invasion (as best currently known at the time of this agreement)

Much of the material being transferred from OFI to ICRAF belongs to taxa that are potentially invasive. Indeed, some of the species (*e.g. Leucaena leucocephala, Acacia nilotica*) are amongst the world's worst weeds under certain conditions, highlighting the dangers associated with their wider use. Although ICRAF can not be held responsible for the negative impact associated with introductions if the relevant national regulations are adhered to, it is important that ICRAF and seed requestors consider the implications of introducing these species to new areas in relation to the potential threat of invasiveness. Possible introductions need to be considered on a case-by-case basis. The following points among others should be considered:

- Introductions should only be considered if clear and well-defined benefits to man or natural communities can be foreseen
- Particular attention should be given when considering introductions into pristine or semi-natural habitats, reserves of any kind or their buffer zones, and oceanic islands
- Introductions should not be made until risks of invasion have been assessed based on available data, including the autecology of the species, conditions of the area of introduction, and reports of weediness from other areas
- The possibility and likely outcomes of spontaneous hybridisation with native congeneric species or other introduced species should be taken into account when considering introductions. Hybridisation involving introduced species can result in genetic contamination of native genepools, possible genetic assimilation or extinction of rare species, and evolution of potentially invasive hybrids.
- Wherever possible, introductions should be made initially in small, closely monitored field trials, in accordance with local and national regulations. Monitoring needs to include assessment of seed production and dispersal and spontaneous regeneration into surrounding areas.

Additional Information:

Hughes, C.E. (1994). Risks of species introductions in tropical forestry. *Commonwealth Forestry Review*. 73(4): 243-252.

Hughes, C.E. and Jones, R.J. (1999). Environmental hazards of *Leucaena*. Pp. 61-70, in: Shelton, H.M.; Gutteridge, R.C.; Mullen, B.F. and Bray, R.A. (Eds.). *Leucaena - Adaptation, quality and farming systems*. Proceedings of a workshop, Hanoi, Vietnam, Feb. 1998. ACIAR Proceedings 86. Australian Centre for International Agricultural Research, Canberra

**LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM
FROM OFI TO DFSC**

Prof. J. Burley
Director

Lars Graudal
Director

Date:

Oxford Forestry Institute, OFI
Department of Plant Sciences
University of Oxford
South Parks Road
OXFORD
OX1 3RB
UK

Date:

Danida Forest Seed Centre, DFSC
Krogerupvej 21
DK-3050
Humblebaek
DENMARK

LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM FROM OFI TO DFSC

As part of the review of the tropical tree germplasm collections held by the Oxford Forestry Institute (hereafter referred to as OFI), the germplasm summarised below, and listed in full in Annex 3, is hereby transferred to the Danida Forest Seed Centre (hereafter referred to as DFSC).

Genus	Number of seedlots	Weight of seed (Kg)
<i>Pinus</i>	103	108.5

Over a number of years, OFI has safeguarded this germplasm and attempted to maximise its utilisation for forestry and other research, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). The vast majority of these collections are from wild populations; a few are from first generation seed orchards; they include no genetically modified (GM) material. A subset of this material was transferred in 1995 for preservation within the longterm seed storage facilities of the Royal Botanic Gardens, Kew (listed in Annex 4).

The material was collected or acquired by the OFI prior to the entering into force of the Convention on Biological Diversity (CBD) on 29 December 1993. Germplasm was collected in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available from OFI to research organisations, in line with the principles of the FAO Code of Conduct 1991.

The purpose of this Letter of Agreement (LOA) is to lay out the conditions for the transfer and future use of this germplasm as mutually understood and agreed by OFI and DFSC. This germplasm and associated information is provided to DFSC under the following conditions:

- i. Future use and distribution of germplasm will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks as mentioned under clause v and in Annex 2.
- ii. DFSC agrees to make small research quantities of germplasm widely available for agricultural research or tree improvement purposes. DFSC will make the seed available free of charge, but reserves the right to recoup handling/carriage costs. Priority will be given to researchers in developing countries.
- iii. Germplasm transferred from OFI to DFSC will be accompanied by basic descriptive data on collection and seed viability, as well as records of prior recipients, as currently held in the OFI SISTEM+ database. In addition, associated hard copies of seed collection site information will be forwarded. If requested by DFSC, OFI will forward copies of the relevant seed collection permits and agreements. OFI has judged that this documentation includes no traditional knowledge, nor information requiring benefit sharing with local communities. However, OFI makes no warranty as to the quality of any information provided. In addition, no warranty is given concerning the viability of seed. DFSC agrees to make these basic seed testing and seed distribution records permanently available for open inspection.
- iv. The phytosanitary condition of the material is warranted only as described in the phytosanitary certificate accompanying the seed, as issued by the UK Ministry of Agriculture. The OFI makes no warranty on the sanitary condition of germplasm. DFSC will be responsible for arranging necessary import permits to facilitate entry of this material to Denmark.
- v. OFI makes no warranty as to the biosafety of germplasm and does not accept any liability for any consequences resulting from the subsequent use of germplasm transferred to DFSC. Some of the species represented are known to be potentially weedy and invasive in certain situations. OFI encourages DFSC to manage and distribute germplasm to minimise any potential threat from a species or variety becoming an invasive weed. Issues to be jointly taken into account by DFSC and future seed recipients are listed in Annex 2.
- vi. DFSC will acknowledge OFI and DFID when distributing seed by labelling, either internally or externally, all seed packets that are distributed from DFSC with 'ODA/DFID/OFI/DFSC'. In addition, the Material Transfer

Agreement (MTA) used by DFSC for subsequent distribution of germplasm (Annex 1) will include reference to the terms of this LOA.

- vii. DFSC agrees not to claim ownership over this or derived germplasm. DFSC will not seek intellectual property rights or plant variety rights over genetic material or information produced from work involving this germplasm. DFSC may apply for an exception through the regulatory authority of the country of collection of germplasm, where this is felt to safeguard the accessibility of material, and sharing of benefits to small scale farmers. This is consistent with Article 8(j) of the CBD.
- viii. All distribution of this germplasm by DFSC will be covered by the MTA provided in Annex 1 which seeks to ensure that any subsequent person or institution to whom it makes samples of this or derived germplasm available is bound by the provisions concerning the information and use of material laid out in this LOA.
- ix. DFSC will reasonably endeavour to store seed under appropriate conditions in cold storage in order to maintain its viability and maximise its longevity.
- x. DFSC makes no undertaking to regenerate nor maintain accessions to counter loss of viability or stock depletion resulting from distribution, nor to duplicate accessions. However, DFSC may multiply germplasm if desired. This is most likely to be undertaken for accessions that have a particular value for distribution. Multiplied material constitutes derived germplasm and is covered by the MTA specified in Annex 1.

Annex 1. Danida Forest Seed Centre

Material Transfer Agreement

Danida Forest Seed Centre¹ (DFSC) has, since the establishment of the centre in 1969, as part of its activities, been involved in collection of forest tree seed throughout the tropics in collaboration with national institutes, FAO and other partners. DFSC supports free exchange of tree seed and information between researchers and practitioners, and seeds stored at the DFSC seed-bank are available, free of charge, for species and provenance trials, establishment of seed sources, conservation stands and research purposes. DFSC encourages the sustainable use and the fair and equitable sharing of the benefits arising out of the utilization of the seeds in its seed bank.

The majority of the seed in the DFSC seed bank has been collected prior to the United Nations Convention on Biological Diversity (CBD) of 29th December 1993 coming into force. Seed acquired after this date was collected with prior consent from the country of origin and with the understanding that they could be made available for any research or breeding purposes.

Seed can only be issued by DFSC if the recipient complies with the conditions specified in this agreement, regardless of whether the seed was collected before or after the above mentioned date.

Rules for the future exchange of germplasm for food and agriculture are currently being discussed in the FAO Commission on Plant Genetic Resources, in co-ordination with the Conference of the Parties to the Convention on Biological Diversity. Depending on the results of these negotiations, the contents of this material transfer agreement might be changed in the future to conform to a revision of FAO's International Undertaking on Plant Genetic Resources and/or to internationally agreed standards.

In the meantime, the DFSC grants delivery of seed from its seed bank under the conditions specified below:

The recipient hereby agrees

- not to claim ownership nor to seek intellectual property rights or plant variety rights over the genetic material received or material derived hereof, unless in agreement with the appropriate authority in the country of origin;
- to ensure that any person or institution to whom it makes samples subsequently available, is bound by the same provisions and undertakes to pass on the same obligations to future recipients;
- to make publicly available any relevant performance data produced by the recipient arising from the characterization and evaluation of the received material;
- to assume full responsibility for complying with the recipient nation's quarantine and biosafety regulations and rules governing the import or release of genetic material;
- that Danida Forest Seed Centre does not accept liability for any consequences resulting from the use of the seed.

Please note that seed will only be issued by DFSC upon receipt of a signed copy of the MTA

Name of person or institution
requesting germplasm: _____

Full address _____

Signature _____

Date _____

Name and position _____

¹ Danida Forest Seed Centre is an institution under the Danish International Development Assistance (Danida), the Ministry of Foreign Affairs. DFSC is a non-profit organisation. Contact details: DFSC, Krogerupvej 21, DK-3050 Humlebaek, Denmark. Phone +45 49190500. Fax +45 49160258, Email: dfsc@dfsc.dk

Annex 2. Species introductions and risks of invasion (as best currently known at the time of this agreement)

Some of the material being transferred from OFI to DFSC belongs to taxa that are potentially invasive. Although DFSC can not be held responsible for the negative impact associated with introductions if the relevant national regulations are adhered to, it is important that DFSC and seed requestors consider the implications of introducing these species to new areas in relation to the potential threat of invasiveness. Possible introductions need to be considered on a case-by-case basis. The following points among others should be considered:

- Introductions should only be considered if clear and well-defined benefits to man or natural communities can be foreseen
- Particular attention should be given when considering introductions into pristine or semi-natural habitats, reserves of any kind or their buffer zones, and oceanic islands
- Introductions should not be made until risks of invasion have been assessed based on available data, including the autecology of the species, conditions of the area of introduction, and reports of weediness from other areas
- The possibility and likely outcomes of spontaneous hybridisation with native congeneric species or other introduced species should be taken into account when considering introductions. Hybridisation involving introduced species can result in genetic contamination of native genepools, possible genetic assimilation or extinction of rare species, and evolution of potentially invasive hybrids.
- Wherever possible, introductions should be made initially in small, closely monitored field trials, in accordance with local and national regulations. Monitoring needs to include assessment of seed production and dispersal and spontaneous regeneration into surrounding areas.

Additional Information:

Hughes, C.E. (1994). Risks of species introductions in tropical forestry. *Commonwealth Forestry Review*. 73: 243-252.

Richardson, D.M., Higgins, S.I. 1998. Pines as alien invaders in the southern hemisphere. pp. 450-474, in: Richardson, D.M. (Ed.) *Ecology and Biogeography of Pinus*. Cambridge University Press.

**LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM
FROM OFI TO CAMCORE**

Prof. J. Burley
Director

Dr. W. Dvorak
Director

Date:

Oxford Forestry Institute, OFI
Department of Plant Sciences
University of Oxford
South Parks Road
OXFORD
OX1 3RB
UK

Date:

Central America & Mexico Coniferous Resources
Cooperative, CAMCORE
Department of Forestry
College of Forest Resources
North Carolina State University
Raleigh, NC 27695-7626
USA

LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM FROM OFI TO CAMCORE

As part of the review of the tropical tree germplasm collections held by the Oxford Forestry Institute (hereafter referred to as OFI), the germplasm summarised below, and listed in full in Annex 3, is hereby transferred to the Central America & Mexico Coniferous Resources Cooperative (hereafter referred to as CAMCORE).

Genus	Number of seedlots	Weight of seed (Kg)
<i>Pinus</i>	61	64

Over a number of years, OFI has safeguarded this germplasm and attempted to maximise its utilisation for forestry and other research, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). The vast majority of these collections are from wild populations; a few are from first generation seed orchards; they include no genetically modified (GM) material. A subset of this material was transferred in 1995 for preservation within the longterm seed storage facilities of the Royal Botanic Gardens, Kew (listed in Annex 4).

The material was collected or acquired by the OFI prior to the entering into force of the Convention on Biological Diversity (CBD) on 29 December 1993. Germplasm was collected in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available from OFI to research organisations, in line with the principles of the FAO Code of Conduct 1991.

The purpose of this Letter of Agreement (LOA) is to lay out the conditions for the transfer and future use of this germplasm as mutually understood and agreed by OFI and CAMCORE. This germplasm and associated information is provided to CAMCORE under the following conditions:

- i. Future use and distribution of germplasm will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks as mentioned under clause v and in Annex 2.
- ii. CAMCORE agrees to make small research quantities of germplasm widely available for agricultural research or tree improvement purposes. CAMCORE will make the seed available free of charge, but reserves the right to recoup handling/carriage costs. Priority will be given to researchers in developing countries.
- iii. Germplasm transferred from OFI to CAMCORE will be accompanied by basic descriptive data on collection and seed viability, as well as records of prior recipients, as currently held in the OFI SISTEM+ database. In addition, associated hard copies of seed collection site information will be forwarded. If requested by CAMCORE, OFI will forward copies of the relevant seed collection permits and agreements. OFI has judged that this documentation includes no traditional knowledge, nor information requiring benefit sharing with local communities. However, OFI makes no warranty as to the quality of any information provided. In addition, no warranty is given concerning the viability of seed. CAMCORE agrees to make these basic seed testing and seed distribution records permanently available for open inspection.
- iv. The phytosanitary condition of the material is warranted only as described in the phytosanitary certificate accompanying the seed, as issued by the UK Ministry of Agriculture. The OFI makes no warranty on the sanitary condition of germplasm. CAMCORE will be responsible for arranging necessary import permits to facilitate entry of this material to USA.
- v. OFI makes no warranty as to the biosafety of germplasm and does not accept any liability for any consequences resulting from the subsequent use of germplasm transferred to CAMCORE. Some of the species represented are known to be potentially weedy and invasive in certain situations. OFI encourages CAMCORE to manage and distribute germplasm to minimise any potential threat from a species or variety becoming an invasive weed. Issues to be jointly taken into account by and future seed recipients are listed in Annex 2.
- vi. CAMCORE will acknowledge OFI and DFID when distributing seed by labelling, either internally or externally, all seed packets that are distributed from CAMCORE with 'ODA/DFID/OFI/CAMCORE'. In addition, the Material Transfer Agreement (MTA) used by CAMCORE for subsequent distribution of germplasm (Annex 1) will include reference to the terms of this LOA.

- vii. CAMCORE agrees not to claim ownership over this or derived germplasm. CAMCORE will not seek intellectual property rights or plant variety rights over genetic material or information produced from work involving this germplasm. CAMCORE may apply for an exception through the regulatory authority of the country of collection of germplasm, where this is felt to safeguard the accessibility of material, and sharing of benefits to small scale farmers. This is consistent with Article 8(j) of the CBD.
- viii. All distribution of this germplasm by CAMCORE will be covered by the MTA provided in Annex 1 which seeks to ensure that any subsequent person or institution to whom it makes samples of this or derived germplasm available is bound by the provisions concerning the information and use of material laid out in this LOA.
- ix. CAMCORE will reasonably endeavour to store seed under appropriate conditions in cold storage in order to maintain its viability and maximise its longevity.
- x. CAMCORE makes no undertaking to regenerate nor maintain accessions to counter loss of viability or stock depletion resulting from distribution, nor to duplicate accessions. However, CAMCORE may multiply germplasm if desired. This is most likely to be undertaken for accessions that have a particular value for distribution. Multiplied material constitutes derived germplasm and is covered by the MTA specified in Annex 1.

Annex 1. Material Transfer Agreement

The material contained herein is being furnished by CAMCORE under the following conditions:

CAMCORE is making the material described in the attached list available as part of its policy of maximising the utilisation of genetic material for research. The material was collected by the Oxford Forestry Institute (OFI), University of Oxford, UK, with support from the Forestry Research Programme of the Department for International Development, DFID of the UK government, and transferred to CAMCORE in 2001, with the understanding that it could be made available for agricultural research or tree improvement purposes.

The material is held by CAMCORE under an agreement between CAMCORE and the OFI, and the recipient has no rights to obtain Intellectual Property Rights (IPR) on the germplasm or related information.

The recipient may reproduce the seed and use the material for research and tree improvement purposes and may distribute it to other parties provided the recipient is also willing to accept the conditions of this agreement⁽¹⁾.

The recipient, therefore hereby agrees not to claim ownership over the germplasm to be received, nor to seek IPR over that germplasm or related information. He/She further agrees to ensure that any subsequent person or institution to whom he/she makes samples of the germplasm available, is bound by the same provision and undertakes to pass on the same obligations to future recipients of the germplasm.

CAMCORE makes no warranties as to the safety or title of the material, nor as to the accuracy or correctness of any passport or other data provided with the material. Neither does it make any warranties as to the quality, availability, or purity (genetic or mechanical) of the material being furnished. The phytosanitary condition of the material is warranted only as described in the attached phytosanitary certificate. The recipient assumes full responsibility for complying with the recipient nation's quarantine/biosafety regulations and rules as to import or release of genetic material. CAMCORE does not accept liability for any consequences resulting from the subsequent use of germplasm transferred to the recipient.

Upon request, CAMCORE will furnish information that may be available in addition to whatever is furnished with the seed. Recipients are requested to furnish CAMCORE with performance data collected during evaluations.

The material is supplied expressly conditional on acceptance of the terms of this agreement. The recipient's acceptance of the material constitutes acceptance of all the terms of this Agreement.

⁽¹⁾ This does not prevent the recipient from releasing or reproducing the seed for purposes of making it directly available to farmers or consumers for cultivation, provided that the other conditions set out in the MTA are complied with.

Annex 2. Species introductions and risks of invasion (as best currently known at the time of this agreement)

Some of the material being transferred from OFI to CAMCORE belongs to taxa that are potentially invasive. Although CAMCORE can not be held responsible for the negative impact associated with introductions if the relevant national regulations are adhered to, it is important that CAMCORE and seed requestors consider the implications of introducing these species to new areas in relation to the potential threat of invasiveness. Possible introductions need to be considered on a case-by-case basis. The following points among others should be considered:

- Introductions should only be considered if clear and well-defined benefits to man or natural communities can be foreseen
- Particular attention should be given when considering introductions into pristine or semi-natural habitats, reserves of any kind or their buffer zones, and oceanic islands
- Introductions should not be made until risks of invasion have been assessed based on available data, including the autecology of the species, conditions of the area of introduction, and reports of weediness from other areas
- The possibility and likely outcomes of spontaneous hybridisation with native congeneric species or other introduced species should be taken into account when considering introductions. Hybridisation involving introduced species can result in genetic contamination of native genepools, possible genetic assimilation or extinction of rare species, and evolution of potentially invasive hybrids.
- Wherever possible, introductions should be made initially in small, closely monitored field trials, in accordance with local and national regulations. Monitoring needs to include assessment of seed production and dispersal and spontaneous regeneration into surrounding areas.

Additional Information:

Hughes, C.E. (1994). Risks of species introductions in tropical forestry. *Commonwealth Forestry Review*. 73: 243-252.

Richardson, D.M., Higgins, S.I. 1998. Pines as alien invaders in the southern hemisphere. pp. 450-474, in: Richardson, D.M. (Ed.) *Ecology and Biogeography of Pinus*. Cambridge University Press.

**LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM
FROM OFI TO CHINESE ACADEMY OF FORESTRY**

Prof. J. Burley
Director

Prof. XIAO Wenfa.
Deputy Director

Date:

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Department of Plant Sciences
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UK

Date:

Research Institute of Forestry
Chinese Academy of Forestry
Beijing 100091,
China

LETTER OF AGREEMENT COVERING TRANSFER OF GERMPLASM FROM OFI TO CHINESE ACADEMY OF FORESTRY

As part of the review of the tropical tree germplasm collections held by the Oxford Forestry Institute (hereafter referred to as OFI), the germplasm summarised below, and listed in full in Annex 3, is hereby transferred to the Chinese Academy of Forestry (hereafter referred to as CAF).

Genus	Number of seedlots	Weight of seed (Kg)
<i>Pinus</i>	122	9.764

Over a number of years, OFI has safeguarded this germplasm and attempted to maximise its utilisation for forestry and other research, largely with support from the Forestry Research Programme of the UK Department for International Development, DFID (formerly the Overseas Development Administration, ODA). The vast majority of these collections are from wild populations; a few are from first generation seed orchards; they include no genetically modified (GM) material. A subset of this material was transferred in 1995 for preservation within the longterm seed storage facilities of the Royal Botanic Gardens, Kew (listed in Annex 4).

The material was collected or acquired by the OFI prior to the entering into force of the Convention on Biological Diversity (CBD) on 29 December 1993. Germplasm was collected in collaboration with forest tree seed centres and forest research organisations in the countries of origin under a variety of collecting permits and agreements between the relevant regulatory authorities and OFI, on the mutual understanding that material would be made available from OFI to research organisations, in line with the principles of the FAO Code of Conduct 1991.

The purpose of this Letter of Agreement (LOA) is to lay out the conditions for the transfer and future use of this germplasm as mutually understood and agreed by OFI and CAF. This germplasm and associated information is provided to CAF under the following conditions:

- i. Future use and distribution of germplasm will be guided by the over-riding principles of equitable access and achieving the greatest possible developmental benefit, provided this does not involve unnecessary or unjustifiable ecological risks as mentioned under clause v and in Annex 2.
- ii. CAF agrees to make small research quantities of germplasm widely available for agricultural research or tree improvement purposes. CAF will make the seed available free of charge, but reserves the right to recoup handling/carriage costs. Priority will be given to researchers in developing countries.
- iii. Germplasm transferred from OFI to CAF will be accompanied by basic descriptive data on collection and seed viability, as well as records of prior recipients, as currently held in the OFI SYSTEM+ database. In addition, associated hard copies of seed collection site information will be forwarded. If requested by CAF, OFI will forward copies of the relevant seed collection permits and agreements. OFI has judged that this documentation includes no traditional knowledge, nor information requiring benefit sharing with local communities. However, OFI makes no warranty as to the quality of any information provided. In addition, no warranty is given concerning the viability of seed. CAF agrees to make these basic seed testing and seed distribution records permanently available for open inspection.
- iv. The phytosanitary condition of the material is warranted only as described in the phytosanitary certificate accompanying the seed, as issued by the UK Ministry of Agriculture. The OFI makes no warranty on the sanitary condition of germplasm. CAF will be responsible for arranging necessary import permits to facilitate entry of this material to China.
- v. OFI makes no warranty as to the biosafety of germplasm and does not accept any liability for any consequences resulting from the subsequent use of germplasm transferred to CAF. Some of the species represented are known to be potentially weedy and invasive in certain situations. OFI encourages CAF to manage and distribute germplasm to minimise any potential threat from a species or variety becoming an invasive weed. Issues to be jointly taken into account by and future seed recipients are listed in Annex 2.
- vi. CAF will acknowledge OFI and DFID when distributing seed by labelling, either internally or externally, all seed packets that are distributed from CAF with 'ODA/DFID/OFI/CAF'. In addition, the Material Transfer

Agreement (MTA) for subsequent distribution of germplasm (Annex 1) will include reference to the terms of this LOA.

- vii. CAF agrees not to claim ownership over this or derived germplasm. CAF will not seek intellectual property rights or plant variety rights over genetic material or information produced from work involving this germplasm. CAF may apply for an exception through the regulatory authority of the country of collection of germplasm, where this is felt to safeguard the accessibility of material, and sharing of benefits to small scale farmers. This is consistent with Article 8(j) of the CBD.
- viii. All distribution of this germplasm by CAF will be covered by the MTA provided in Annex 1 which seeks to ensure that any subsequent person or institution to whom it makes samples of this or derived germplasm available is bound by the provisions concerning the information and use of material laid out in this LOA.
- ix. CAF will reasonably endeavour to store seed under appropriate conditions in cold storage in order to maintain its viability and maximise its longevity.
- x. CAF makes no undertaking to regenerate nor maintain accessions to counter loss of viability or stock depletion resulting from distribution, nor to duplicate accessions. However, CAF may multiply germplasm if desired. This is most likely to be undertaken for accessions that have a particular value for distribution. Multiplied material constitutes derived germplasm and is covered by the MTA specified in Annex 1.

Annex 1. Material Transfer Agreement

The material contained herein is being furnished by CAF under the following conditions:

CAF is making the material described in the attached list available as part of its policy of maximising the utilisation of genetic material for research. The material was collected by the Oxford Forestry Institute (OFI), University of Oxford, UK, with support from the Forestry Research Programme of the Department for International Development, DFID of the UK government, and transferred to CAF in 2001, with the understanding that it could be made available for agricultural research or tree improvement purposes.

The material is held by CAF under an agreement between CAF and the OFI, and the recipient has no rights to obtain Intellectual Property Rights (IPR) on the germplasm or related information.

The recipient may reproduce the seed and use the material for research and tree improvement purposes and may distribute it to other parties provided the recipient is also willing to accept the conditions of this agreement⁽¹⁾.

The recipient, therefore hereby agrees not to claim ownership over the germplasm to be received, nor to seek IPR over that germplasm or related information. He/She further agrees to ensure that any subsequent person or institution to whom he/she makes samples of the germplasm available, is bound by the same provision and undertakes to pass on the same obligations to future recipients of the germplasm.

CAF makes no warranties as to the safety or title of the material, nor as to the accuracy or correctness of any passport or other data provided with the material. Neither does it make any warranties as to the quality, availability, or purity (genetic or mechanical) of the material being furnished. The phytosanitary condition of the material is warranted only as described in the attached phytosanitary certificate. The recipient assumes full responsibility for complying with the recipient nation's quarantine/biosafety regulations and rules as to import or release of genetic material. CAF does not accept liability for any consequences resulting from the subsequent use of germplasm transferred to the recipient.

Upon request, CAF will furnish information that may be available in addition to whatever is furnished with the seed. Recipients are requested to furnish CAF with performance data collected during evaluations.

The material is supplied expressly conditional on acceptance of the terms of this agreement. The recipient's acceptance of the material constitutes acceptance of all the terms of this Agreement.

⁽¹⁾ This does not prevent the recipient from releasing or reproducing the seed for purposes of making it directly available to farmers or consumers for cultivation, provided that the other conditions set out in the MTA are complied with.

Annex 2. Species introductions and risks of invasion (as best currently known at the time of this agreement)

Some of the material being transferred from OFI to CAF belongs to taxa that are potentially invasive. Although CAF can not be held responsible for the negative impact associated with introductions if the relevant national regulations are adhered to, it is important that CAF and seed requestors consider the implications of introducing these species to new areas in relation to the potential threat of invasiveness. Possible introductions need to be considered on a case-by-case basis. The following points among others should be considered:

- Introductions should only be considered if clear and well-defined benefits to man or natural communities can be foreseen
- Particular attention should be given when considering introductions into pristine or semi-natural habitats, reserves of any kind or their buffer zones, and oceanic islands
- Introductions should not be made until risks of invasion have been assessed based on available data, including the autecology of the species, conditions of the area of introduction, and reports of weediness from other areas
- The possibility and likely outcomes of spontaneous hybridisation with native congeneric species or other introduced species should be taken into account when considering introductions. Hybridisation involving introduced species can result in genetic contamination of native genepools, possible genetic assimilation or extinction of rare species, and evolution of potentially invasive hybrids.
- Wherever possible, introductions should be made initially in small, closely monitored field trials, in accordance with local and national regulations. Monitoring needs to include assessment of seed production and dispersal and spontaneous regeneration into surrounding areas.

Additional Information:

Hughes, C.E. (1994). Risks of species introductions in tropical forestry. *Commonwealth Forestry Review*. 73: 243-252.

Richardson, D.M., Higgins, S.I. 1998. Pines as alien invaders in the southern hemisphere. pp. 450-474, in: Richardson, D.M. (Ed.) *Ecology and Biogeography of Pinus*. Cambridge University Press.

Annex 8 Lot by lot detail of seed disposal															
Distribution of assorted legume species seedlots															
SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Acosmium panamense	Mexico	Temascal	26/89	0.077	0.047						0.037		0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia ? hybrid	Mexico	San Isidro Llano Grande	38/87	9.160	7.163			1989	14000		0.015	3.5		3.648	
Albizia adinocephala	Honduras	Agua Fria	33/88	5.490	4.793		20	1989	25000		0.008	2	0.01	2.775	Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia adinocephala	Honduras	Agua Fria	33/88/01	0.251	0.251							0.251			
Albizia adinocephala	Honduras	Agua Fria	33/88/02	0.250	0.250							0.250			
Albizia adinocephala	Honduras	Agua Fria	33/88/03	0.108	0.108							0.108			
Albizia adinocephala	Honduras	Agua Fria	33/88/04	0.249	0.249							0.249			
Albizia adinocephala	Honduras	Agua Fria	33/88/05	0.257	0.257							0.257			
Albizia adinocephala	Honduras	Agua Fria	33/88/06	0.247	0.247							0.247			
Albizia adinocephala	Honduras	Agua Fria	33/88/07	0.263	0.263							0.263			
Albizia adinocephala	Honduras	Agua Fria	33/88/08	0.250	0.250							0.250			
Albizia adinocephala	Honduras	Agua Fria	33/88/09	0.249	0.249							0.249			
Albizia adinocephala	Honduras	Agua Fria	33/88/10	0.247	0.247							0.247			
Albizia adinocephala	Honduras	Agua Fria	33/88/11	0.245	0.245							0.245			
Albizia adinocephala	Honduras	Agua Fria	33/88/12	0.246	0.246							0.246			
Albizia adinocephala	Honduras	Agua Fria	33/88/13	0.254	0.254							0.254			
Albizia adinocephala	Honduras	Agua Fria	33/88/14	0.253	0.253							0.253			
Albizia adinocephala	Honduras	Agua Fria	33/88/15	0.247	0.247							0.247			
Albizia adinocephala	Honduras	Agua Fria	33/88/16	0.248	0.248							0.248			
Albizia adinocephala	Honduras	Agua Fria	33/88/17	0.251	0.251							0.251			
Albizia adinocephala	Honduras	Agua Fria	33/88/18	0.251	0.251							0.251			
Albizia adinocephala	Honduras	Agua Fria	33/88/19	0.248	0.248							0.248			
Albizia adinocephala	Honduras	Agua Fria	33/88/20	0.249	0.249							0.249			
Albizia lebbekoides	Indonesia	Kupang	19/89	0.019	0.004								0.004		Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia niopoides	Guatemala	San Esteban	46/88	4.980	4.899		20	1988	32000		0.007	2	0.01	2.882	Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia niopoides	Guatemala	San Esteban	46/88/01	0.304	0.299							0.299			
Albizia niopoides	Guatemala	San Esteban	46/88/02	0.299	0.294							0.294			
Albizia niopoides	Guatemala	San Esteban	46/88/03	0.301	0.296							0.296			
Albizia niopoides	Guatemala	San Esteban	46/88/04	0.306	0.301							0.301			
Albizia niopoides	Guatemala	San Esteban	46/88/05	0.305	0.300							0.300			
Albizia niopoides	Guatemala	San Esteban	46/88/06	0.298	0.293							0.293			
Albizia niopoides	Guatemala	San Esteban	46/88/07	0.307	0.302							0.302			
Albizia niopoides	Guatemala	San Esteban	46/88/08	0.304	0.299							0.299			
Albizia niopoides	Guatemala	San Esteban	46/88/09	0.303	0.298							0.298			
Albizia niopoides	Guatemala	San Esteban	46/88/10	0.297	0.292							0.292			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Albizia niopoides	Guatemala	San Esteban	46/88/11	0.302	0.297							0.297			
Albizia niopoides	Guatemala	San Esteban	46/88/12	0.300	0.295							0.295			
Albizia niopoides	Guatemala	San Esteban	46/88/13	0.299	0.294							0.294			
Albizia niopoides	Guatemala	San Esteban	46/88/14	0.307	0.302							0.302			
Albizia niopoides	Guatemala	San Esteban	46/88/15	0.302	0.297							0.297			
Albizia niopoides	Guatemala	San Esteban	46/88/16	0.306	0.301							0.301			
Albizia niopoides	Guatemala	San Esteban	46/88/17	0.308	0.303							0.303			
Albizia niopoides	Guatemala	San Esteban	46/88/18	0.304	0.299							0.299			
Albizia niopoides	Guatemala	San Esteban	46/88/19	0.307	0.302							0.302			
Albizia niopoides	Guatemala	San Esteban	46/88/20	0.302	0.297							0.297			
Albizia niopoides	Honduras	Choluteca	21/84		5.811		25	1989	38000		0.006	2		3.805	
Albizia niopoides	Honduras	Choluteca	21/84/01	0.116	0.116							0.116			
Albizia niopoides	Honduras	Choluteca	21/84/02	0.107	0.107							0.107			
Albizia niopoides	Honduras	Choluteca	21/84/03	0.107	0.107							0.107			
Albizia niopoides	Honduras	Choluteca	21/84/04	0.109	0.109							0.109			
Albizia niopoides	Honduras	Choluteca	21/84/05	0.112	0.112							0.112			
Albizia niopoides	Honduras	Choluteca	21/84/06	0.138	0.138							0.138			
Albizia niopoides	Honduras	Choluteca	21/84/07	0.112	0.112							0.112			
Albizia niopoides	Honduras	Choluteca	21/84/08	0.127	0.127							0.127			
Albizia niopoides	Honduras	Choluteca	21/84/09	0.107	0.107							0.107			
Albizia niopoides	Honduras	Choluteca	21/84/10	0.160	0.160							0.160			
Albizia niopoides	Honduras	Choluteca	21/84/11	0.105	0.105							0.105			
Albizia niopoides	Honduras	Choluteca	21/84/12	0.106	0.106							0.106			
Albizia niopoides	Honduras	Choluteca	21/84/13	0.109	0.109							0.109			
Albizia niopoides	Honduras	Choluteca	21/84/14	0.118	0.118							0.118			
Albizia niopoides	Honduras	Choluteca	21/84/15	0.104	0.104							0.104			
Albizia niopoides	Honduras	Choluteca	21/84/16	0.105	0.105							0.105			
Albizia niopoides	Honduras	Choluteca	21/84/17	0.105	0.105							0.105			
Albizia niopoides	Honduras	Choluteca	21/84/18	0.107	0.107							0.107			
Albizia niopoides	Honduras	Choluteca	21/84/19	0.120	0.120							0.120			
Albizia niopoides	Honduras	Choluteca	21/84/20	0.125	0.125							0.125			
Albizia niopoides	Honduras	Choluteca	21/84/21	0.108	0.108							0.108			
Albizia niopoides	Honduras	Choluteca	21/84/22	0.116	0.116							0.116			
Albizia niopoides	Honduras	Choluteca	21/84/23	0.108	0.108							0.108			
Albizia niopoides	Honduras	Choluteca	21/84/24	0.114	0.114							0.114			
Albizia niopoides	Honduras	Choluteca	21/84/25	0.109	0.109							0.109			
Albizia niopoides	Nicaragua	Matagalpa	17/75	1.580	0.186				33000		0.007			0.179	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Albizia plurijuga	Mexico	Narcisco Mendoza	25/89	2.091	1.889			1989	7000		0.029	1.86			
Albizia plurijuga	Mexico	Narcisco Mendoza	48/88	1.875	1.459			1988	7500				0.025	1.434	Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia purpusii	Guatemala	Nenton	42/88	3.090	2.189			1989	19000		0.011	2.168	0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia sinaloensis	Mexico	El Tezal	106/92	0.543	0.516			1992	14000		0.015	0.491	0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia tomentosa	Mexico	Hidalgo	40/87	9.190	6.990		20	1987	20800		0.01	2.4	0.025	4.555	Other=Dr. P Gosling, Alice Holt Ref Collection
Albizia tomentosa	Mexico	Hidalgo	40/87/01	0.414	0.414							0.414			
Albizia tomentosa	Mexico	Hidalgo	40/87/02	0.514	0.514							0.514			
Albizia tomentosa	Mexico	Hidalgo	40/87/03	0.502	0.502							0.502			
Albizia tomentosa	Mexico	Hidalgo	40/87/04	0.330	0.330							0.330			
Albizia tomentosa	Mexico	Hidalgo	40/87/05	0.292	0.292							0.292			
Albizia tomentosa	Mexico	Hidalgo	40/87/06	0.479	0.479							0.479			
Albizia tomentosa	Mexico	Hidalgo	40/87/07	0.279	0.279							0.279			
Albizia tomentosa	Mexico	Hidalgo	40/87/08	0.255	0.255							0.255			
Albizia tomentosa	Mexico	Hidalgo	40/87/09	0.178	0.178							0.178			
Albizia tomentosa	Mexico	Hidalgo	40/87/10	0.539	0.539							0.539			
Albizia tomentosa	Mexico	Hidalgo	40/87/11	0.606	0.606							0.606			
Albizia tomentosa	Mexico	Hidalgo	40/87/12	0.879	0.879							0.879			
Albizia tomentosa	Mexico	Hidalgo	40/87/13	0.401	0.401							0.401			
Albizia tomentosa	Mexico	Hidalgo	40/87/14	0.512	0.512							0.512			
Albizia tomentosa	Mexico	Hidalgo	40/87/15	0.739	0.739							0.739			
Albizia tomentosa	Mexico	Hidalgo	40/87/16	0.236	0.236							0.236			
Albizia tomentosa	Mexico	Hidalgo	40/87/17	0.143	0.143							0.143			
Albizia tomentosa	Mexico	Hidalgo	40/87/18	0.628	0.628							0.628			
Albizia tomentosa	Mexico	Hidalgo	40/87/19	0.350	0.350							0.350			
Albizia tomentosa	Mexico	Hidalgo	40/87/20	0.371	0.371							0.371			
Apoplanesia paniculata	Guatemala	El Rancho	11/83	3.950	0.727			1984	34000		0.006		0.01	0.711	Other=Dr. P Gosling, Alice Holt Ref Collection
Ateleia herbert-smithii	Nicaragua	La India	14/82		0.100		14		17000		0.025		0.025	0.05	Other=Dr. P Gosling, Alice Holt Ref Collection
Ateleia herbert-smithii	Nicaragua	La India	14/82/01	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/02	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/03	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/04	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/05	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/06	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/07	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/08	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/09	0.150	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/10	0.200	0.100									0.1	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Ateleia herbert-smithii	Nicaragua	La India	14/82/11	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/12	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/13	0.200	0.100									0.1	
Ateleia herbert-smithii	Nicaragua	La India	14/82/14	0.200	0.100									0.1	
Ateleia sp	Mexico	La Ventosa	27/89	0.078	0.073						0.025			0.048	
Ateleia spp.	Mexico	Bombana	157/92	0.096	0.091						0.025			0.066	
Brongniartia spp.	Mexico	Alamos	107/92	0.024	0.024						0.024				
Brongniartia spp.	Mexico	San Jose de Guerrero	162/92	0.032	0.032						0.032				
Caesalpinia coriaria	Nicaragua	Las Maderas	29/83	6.270	0.031				7000		0.029		0.002		Other=Dr. P Gosling, Alice Holt Ref Collection
Caesalpinia eriostachys	Honduras	Choluteca	66/87	1.970	1.726			1987	5000		0.04		0.04	1.646	Other=Dr. P Gosling, Alice Holt Ref Collection
Caesalpinia eriostachys	Nicaragua	La India	30/83	4.360	0.854		26		3800		0.053			0.801	
Caesalpinia eriostachys	Nicaragua	La India	30/83/01	0.480	0.180									0.180	
Caesalpinia eriostachys	Nicaragua	La India	30/83/02	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/03	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/04	0.065	0.065									0.065	
Caesalpinia eriostachys	Nicaragua	La India	30/83/05	0.140	0.140									0.140	
Caesalpinia eriostachys	Nicaragua	La India	30/83/06	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/07	0.205	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/08	0.310	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/09	0.150	0.150									0.150	
Caesalpinia eriostachys	Nicaragua	La India	30/83/10	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/11	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/12	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/13	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/14	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/15	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/16	0.390	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/17	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/18	0.380	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/19	0.120	0.120									0.120	
Caesalpinia eriostachys	Nicaragua	La India	30/83/20	0.310	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/21	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/22	0.175	0.175									0.175	
Caesalpinia eriostachys	Nicaragua	La India	30/83/23	0.165	0.165									0.165	
Caesalpinia eriostachys	Nicaragua	La India	30/83/24	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/25	0.480	0.200									0.200	
Caesalpinia eriostachys	Nicaragua	La India	30/83/26	0.285	0.200									0.200	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Caesalpinia mexicana	Mexico	Altas Cumbres	85/87	0.022	0.008						0.008				
Caesalpinia sclerocarpa	Mexico	Tehuantepec	41/94	0.328	0.012	*					0.012				
Caesalpinia velutina	Guatemala	El Rancho	12/83	5.870	0.074		24		7700					0.074	
Caesalpinia velutina	Guatemala	El Rancho	12/83/01	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/02	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/03	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/04	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/05	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/06	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/07	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/08	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/09	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/10	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/11	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/12	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/13	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/14	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/15	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/16	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/17	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/18	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/19	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/20	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/21	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/22	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/23	0.220	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	12/83/24	0.160	0.100									0.100	
Caesalpinia velutina	Guatemala	El Rancho	57/87	7.480	5.192			1987	6000		0.05			5.142	
Calopogodium sp	Mexico	Tierra Colorado	113/92	0.014	0.014						0.014				
Cojoba arborea	Mexico	Tamazunchale	43/94	0.030	0.020	*					0.02				
Conzattia multiflora	Mexico	Acatlan	44/94	0.125	0.118			1995	4700	85	0.043		0.075		Other = Dr. Julie Hawkins, Univ. Reading
Conzattia multiflora	Mexico	Mezcala	53/94	0.136	0.126			1995	7400	76	0.028		0.098		Other = Dr. Julie Hawkins, Univ. Reading
Conzattia multiflora	Mexico	Monte Alban	39/94	0.021	0.020						0.02				
Conzattia multiflora	Mexico	Tehuacan	29/89	0.592	0.512			1989	4500		0.045		0.467		Other = Dr. Julie Hawkins, Univ. Reading
Conzattia multiflora	Mexico	Tehuacan	41/87	0.139	0.096			1987	4000		0.05		0.046		Other = Dr. Julie Hawkins, Univ. Reading
Conzattia multiflora	Mexico	Temilpa	38/94	0.022	0.021						0.021				
Dalbergia sp	El Salvador	Cerro Verde	3/89	0.096	0.056						0.056				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Dalbergia sp	El Salvador	Metapan	4/89	0.088	0.078						0.078				
Desmanthus balsensis	Mexico	Xochipala	45/94	0.013	0.008	*					0.008				
Desmanthus bicornutus	Mexico	Aratichanguia	46/94	0.244	0.234	*					0.234				
Desmanthus bicornutus	Mexico	La Quiringucua	54/94	0.046	0.036						0.031		0.005		Other=Dr. P Gosling, Alice Holt Ref Collection
Desmanthus fruticosus	Mexico	La Paz	109/92	0.031	0.021						0.021				
Desmanthus pumilus var pu	Mexico	Santiago Acatepec	55/94	0.009	0.007						0.007				
Desmanthus virgatus	Mexico	Santa Cruz Tejalapa	47/94	0.134	0.133	*					0.133				
Desmanthus virgatus	Mexico	Tepanatepec	56/94	0.023	0.022						0.022				
Diphysa robiniodes	Costa Rica	Nicoya	9/84		0.075			1984	427000		0.065		0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Diphysa robiniodes	Honduras	Lejamani	20/83	0.330	0.313				25000		0.01			0.303	
Diphysa sp	Mexico	Guaymas	110/92	0.005	0.005						0.005				
Enterolobium cyclocarpum	Colombia	Granada Meta	28/88	0.367	0.226			1988	2000		0.1			0.126	
Enterolobium cyclocarpum	Honduras	El Zamorano	19/75	3.960	1.535			1979	1400		0.143			1.392	
Enterolobium cyclocarpum	Honduras	Otoro	15/86	3.980	0.500			1986			0.15			0.35	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83	42.500	1.849		14		1000					1.849	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/01	3.160	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/02	3.880	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/03	4.290	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/04	4.370	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/05	3.170	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/06	4.040	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/07	4.090	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/08	2.960	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/09	3.340	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/10	3.730	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/11	3.730	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/12	3.240	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/13	4.400	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	21/83/14	3.160	2.000									2.000	
Enterolobium cyclocarpum	Honduras	Valle de Otoro	70/87	9.970	7.890			1987	1200		0.17			7.72	
Enterolobium cyclocarpum	Mexico	Veracruz	71/87	0.003	0.003						0.003				
Gliricidia maculata	Mexico	Aguacatal	42/87	0.777	0.356			1996	12000		0.017	0.339			
Gliricidia maculata	Mexico	Quintana	42/85	0.240	0.075				7400	57	0.028			0.047	
Gliricidia maculata	Mexico	Xeb	43/87	0.735	0.237			1996	9300		0.022	0.215			
Gliricidia sepium	Colombia	Monteria	32/92	4.320	1.694			1996	1700	62	0.118	1.576			
Gliricidia sepium	Colombia	Pontezuela Bolivar	24/86	12.200	0.013				8000	94	0.013				
Gliricidia sepium	Costa Rica	COSTA RICA	96/90				6								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/01	0.100	0.100									0.100	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/02	0.085	0.085									0.085	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/03	0.100	0.100									0.100	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/04	0.100	0.100									0.100	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/05	0.100	0.100									0.100	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	COSTA RICA	96/90/06	0.100	0.100									0.100	no documentation beyond country+only 6 fams
Gliricidia sepium	Costa Rica	El Roblar	11/86	2.740	0.134				9100	97	0.022	0.112			
Gliricidia sepium	Costa Rica	Playa Tamarindo	12/86	12.300	0.045				8800	98	0.023			0.022	
Gliricidia sepium	Guatemala	Gualan	15/84		0.134				7100	99	0.029	0.105			
Gliricidia sepium	Guatemala	Monterrico	124/91	7.390	0.100		60	1996	9200				0.1		
Gliricidia sepium	Guatemala	Monterrico	124/91/01	0.136	0.131								0.131		
Gliricidia sepium	Guatemala	Monterrico	124/91/02	0.039	0.034								0.034		
Gliricidia sepium	Guatemala	Monterrico	124/91/03	0.139	0.129								0.129		
Gliricidia sepium	Guatemala	Monterrico	124/91/04	0.227	0.217								0.217		
Gliricidia sepium	Guatemala	Monterrico	124/91/05	0.111	0.106								0.106		
Gliricidia sepium	Guatemala	Monterrico	124/91/06	0.008	0.003								0.003		
Gliricidia sepium	Guatemala	Monterrico	124/91/07	0.187	0.182								0.182		
Gliricidia sepium	Guatemala	Monterrico	124/91/08	0.169	0.164								0.164		
Gliricidia sepium	Guatemala	Monterrico	124/91/09	0.204	0.199								0.199		
Gliricidia sepium	Guatemala	Monterrico	124/91/10	0.206	0.201								0.201		
Gliricidia sepium	Guatemala	Monterrico	124/91/11	0.191	0.186								0.186		
Gliricidia sepium	Guatemala	Monterrico	124/91/12	0.190	0.185								0.185		
Gliricidia sepium	Guatemala	Monterrico	124/91/13	0.206	0.196								0.196		
Gliricidia sepium	Guatemala	Monterrico	124/91/14	0.123	0.118								0.118		
Gliricidia sepium	Guatemala	Monterrico	124/91/15	0.188	0.183								0.183		
Gliricidia sepium	Guatemala	Monterrico	124/91/16	0.043	0.038								0.038		
Gliricidia sepium	Guatemala	Monterrico	124/91/17	0.132	0.127								0.127		
Gliricidia sepium	Guatemala	Monterrico	124/91/18	0.078	0.073								0.073		
Gliricidia sepium	Guatemala	Monterrico	124/91/19	0.104	0.099								0.099		
Gliricidia sepium	Guatemala	Monterrico	124/91/20	0.177	0.167								0.167		
Gliricidia sepium	Guatemala	Monterrico	124/91/21	0.178	0.173								0.173		
Gliricidia sepium	Guatemala	Monterrico	124/91/22	0.123	0.118								0.118		
Gliricidia sepium	Guatemala	Monterrico	124/91/23	0.242	0.237								0.237		
Gliricidia sepium	Guatemala	Monterrico	124/91/24	0.135	0.130								0.130		
Gliricidia sepium	Guatemala	Monterrico	124/91/25	0.125	0.120								0.120		
Gliricidia sepium	Guatemala	Monterrico	124/91/26	0.194	0.189								0.189		
Gliricidia sepium	Guatemala	Monterrico	124/91/27	0.186	0.181								0.181		

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Guatemala	Monterrico	124/91/28	0.232	0.227							0.227			
Gliricidia sepium	Guatemala	Monterrico	124/91/29	0.163	0.158							0.158			
Gliricidia sepium	Guatemala	Monterrico	124/91/30	0.236	0.231							0.231			
Gliricidia sepium	Guatemala	Monterrico	124/91/31	0.143	0.138							0.138			
Gliricidia sepium	Guatemala	Monterrico	124/91/32	0.073	0.068							0.068			
Gliricidia sepium	Guatemala	Monterrico	124/91/33	0.236	0.226							0.226			
Gliricidia sepium	Guatemala	Monterrico	124/91/34	0.239	0.234							0.234			
Gliricidia sepium	Guatemala	Monterrico	124/91/35	0.314	0.309							0.309			
Gliricidia sepium	Guatemala	Monterrico	124/91/36	0.228	0.223							0.223			
Gliricidia sepium	Guatemala	Monterrico	124/91/37	0.141	0.136							0.136			
Gliricidia sepium	Guatemala	Monterrico	124/91/38	0.231	0.226							0.226			
Gliricidia sepium	Guatemala	Monterrico	124/91/39	0.134	0.129							0.129			
Gliricidia sepium	Guatemala	Monterrico	124/91/40	0.180	0.175							0.175			
Gliricidia sepium	Guatemala	Monterrico	124/91/41	0.160	0.155							0.155			
Gliricidia sepium	Guatemala	Monterrico	124/91/42	0.111	0.106							0.106			
Gliricidia sepium	Guatemala	Monterrico	124/91/43	0.126	0.121							0.121			
Gliricidia sepium	Guatemala	Monterrico	124/91/44	0.249	0.244							0.244			
Gliricidia sepium	Guatemala	Monterrico	124/91/45	0.108	0.103							0.103			
Gliricidia sepium	Guatemala	Monterrico	124/91/46	0.058	0.053							0.053			
Gliricidia sepium	Guatemala	Monterrico	124/91/47	0.088	0.083							0.083			
Gliricidia sepium	Guatemala	Monterrico	124/91/48	0.146	0.141							0.141			
Gliricidia sepium	Guatemala	Monterrico	124/91/49	0.064	0.059							0.059			
Gliricidia sepium	Guatemala	Monterrico	124/91/50	0.083	0.078							0.078			
Gliricidia sepium	Guatemala	Monterrico	124/91/51	0.144	0.134							0.134			
Gliricidia sepium	Guatemala	Monterrico	124/91/52	0.137	0.132							0.132			
Gliricidia sepium	Guatemala	Monterrico	124/91/53	0.097	0.092							0.092			
Gliricidia sepium	Guatemala	Monterrico	124/91/54	0.137	0.132							0.132			
Gliricidia sepium	Guatemala	Monterrico	124/91/55	0.211	0.206							0.206			
Gliricidia sepium	Guatemala	Monterrico	124/91/56	0.081	0.076							0.076			
Gliricidia sepium	Guatemala	Monterrico	124/91/57	0.094	0.089							0.089			
Gliricidia sepium	Guatemala	Monterrico	124/91/58	0.174	0.169							0.169			
Gliricidia sepium	Guatemala	Monterrico	124/91/59	0.080	0.075							0.075			
Gliricidia sepium	Guatemala	Monterrico	124/91/60	0.100	0.095							0.095			
Gliricidia sepium	Guatemala	Monterrico	13/89	7.170	0.050			1989	8300	96				0.05	
Gliricidia sepium	Guatemala	Monterrico	17/84		0.141		20		8000	99	0.025	0.116			
Gliricidia sepium	Guatemala	Monterrico	17/84/01	0.202	0.060									0.060	
Gliricidia sepium	Guatemala	Monterrico	17/84/02	0.262	0.100									0.100	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Guatemala	Monterrico	17/84/03	0.252	0.100									0.100	
Gliricidia sepium	Guatemala	Monterrico	17/84/04	0.410	0.230									0.230	
Gliricidia sepium	Guatemala	Monterrico	17/84/05	0.274	0.130									0.130	
Gliricidia sepium	Guatemala	Monterrico	17/84/06	0.420	0.240									0.240	
Gliricidia sepium	Guatemala	Monterrico	17/84/07	0.332	0.180									0.180	
Gliricidia sepium	Guatemala	Monterrico	17/84/08	0.303	0.140									0.140	
Gliricidia sepium	Guatemala	Monterrico	17/84/09	0.431	0.240									0.240	
Gliricidia sepium	Guatemala	Monterrico	17/84/10	0.367	0.186									0.186	
Gliricidia sepium	Guatemala	Monterrico	17/84/11	0.326	0.180									0.180	
Gliricidia sepium	Guatemala	Monterrico	17/84/12	0.384	0.220									0.220	
Gliricidia sepium	Guatemala	Monterrico	17/84/13	0.526	0.360									0.360	
Gliricidia sepium	Guatemala	Monterrico	17/84/14	0.284	0.140									0.140	
Gliricidia sepium	Guatemala	Monterrico	17/84/15	0.343	0.180									0.180	
Gliricidia sepium	Guatemala	Monterrico	17/84/16	0.581	0.400									0.400	
Gliricidia sepium	Guatemala	Monterrico	17/84/17	0.392	0.220									0.220	
Gliricidia sepium	Guatemala	Monterrico	17/84/18	0.302	0.160									0.160	
Gliricidia sepium	Guatemala	Monterrico	17/84/19	0.291	0.140									0.140	
Gliricidia sepium	Guatemala	Monterrico	17/84/20	0.518	0.342									0.342	
Gliricidia sepium	Guatemala	Monterrico	58/87	9.980	0.015			1987	8200					0.015	
Gliricidia sepium	Guatemala	Monterrico	18/96	3.240	0.015			1996	7700					0.015	
Gliricidia sepium	Guatemala	Monterrico (SO)	17/96	4.440	0.093			1996	9200			0.093			
Gliricidia sepium	Guatemala	Retalhuleu	12/89	7.205	0.020			1989	7600	98				0.02	
Gliricidia sepium	Guatemala	Retalhuleu	125/91	4.340			60	1991	7500						
Gliricidia sepium	Guatemala	Retalhuleu	125/91/01	0.087	0.027								0.027		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/02	0.093	0.033								0.033		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/03	0.119	0.055								0.055		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/04	0.011	0.004								0.004		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/09	0.069	0.010								0.010		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/10	0.087	0.007								0.007		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/11	0.084	0.025								0.025		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/12	0.135	0.071								0.071		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/14	0.123	0.063								0.063		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/15	0.067	0.008								0.008		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/16	0.113	0.053								0.053		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/17	0.156	0.097								0.097		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/19	0.084	0.024								0.024		
Gliricidia sepium	Guatemala	Retalhuleu	125/91/20	0.095	0.030								0.030		

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Guatemala	Retalhuleu	125/91/21	0.063	0.004							0.004			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/23	0.105	0.045							0.045			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/24	0.166	0.101							0.101			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/25	0.066	0.007							0.007			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/26	0.065	0.006							0.006			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/27	0.077	0.017							0.017			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/29	0.169	0.110							0.110			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/31	0.086	0.006							0.006			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/37	0.101	0.008							0.008			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/40	0.098	0.018							0.018			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/45	0.117	0.032							0.032			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/51	0.093	0.013							0.013			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/53	0.090	0.010							0.010			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/54	0.083	0.003							0.003			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/55	0.171	0.091							0.091			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/56	0.199	0.115							0.115			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/58	0.171	0.091							0.091			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/59	0.133	0.053							0.053			
Gliricidia sepium	Guatemala	Retalhuleu	125/91/60	0.111	0.031							0.031			
Gliricidia sepium	Guatemala	Retalhuleu	14/84		0.070				7500	95				0.07	
Gliricidia sepium	Guatemala	Retalhuleu	31/92	4.100	0.100			1992	6600	86				0.1	
Gliricidia sepium	Guatemala	Retalhuleu	10/95	8.055	0.201			1995	5700	73		0.201			
Gliricidia sepium	Guatemala	Retalhuleu	19/96	11.270	0.201			1996	6500		0.03	0.171			
Gliricidia sepium	Guatemala	Vado Hondo	16/84		0.068	17			7800	93		0.068			
Gliricidia sepium	Guatemala	Vado Hondo	16/84/02	0.144	0.020							0.020			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/03	0.185	0.040							0.040			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/04	0.144	0.020							0.020			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/06	0.154	0.020							0.020			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/08	0.216	0.060							0.060			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/10	0.195	0.040							0.040			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/11	0.181	0.036							0.036			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/12	0.188	0.060							0.060			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/13	0.144	0.020							0.020			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/14	0.184	0.040							0.040			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/15	0.213	0.080							0.080			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/16	0.183	0.060							0.060			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84
Gliricidia sepium	Guatemala	Vado Hondo	16/84/19	0.106	0.003							0.003			only 13 of 20 families, 5 with <200 viable seed-bulk with 16/84

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Guatemala	Vado Hondo	59/87	9.985	0.105			1987	7500	93	0.027	0.078			
Gliricidia sepium	Guatemala	Volcan Suchitan	13/84		0.030			1984	7300	99		0.03			
Gliricidia sepium	Honduras	Guayabillas	24/84		0.209				3800	48		0.209			
Gliricidia sepium	Honduras	La Garita	92/90	2.575			25								
Gliricidia sepium	Honduras	La Garita	92/90/01	0.120	0.060							0.060			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/02	0.104	0.040							0.040			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/03	0.083	0.020							0.020			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/04	0.115	0.040							0.040			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/05	0.067	0.010							0.010			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/06	0.190	0.120							0.120			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/07	0.179	0.100							0.100			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/08	0.117	0.040							0.040			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/12	0.131	0.060							0.060			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/14	0.167	0.100							0.100			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/15	0.134	0.060							0.060			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/16	0.124	0.060							0.060			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/18	0.152	0.080							0.080			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/19	0.107	0.040							0.040			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/20	0.161	0.094							0.094			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/22	0.082	0.020							0.020			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/24	0.118	0.060							0.060			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita	92/90/25	0.114	0.040							0.040			18 out of 25 families - Bulk with 92/90
Gliricidia sepium	Honduras	La Garita Choluteca	10/86	6.000	0.069			1993		90		0.069			
Gliricidia sepium	Honduras	Masaguara	25/84		0.058		20		7400	94	0.028			0.03	
Gliricidia sepium	Indonesia	Pecata (Retalhuleu land	11/96	1.300	0.260			1996	8500					0.26	
Gliricidia sepium	Indonesia	Penfui	23/89	0.046	0.020									0.02	
Gliricidia sepium	Indonesia	Takaei	24/89	0.032	0.020									0.02	
Gliricidia sepium	Mexico	Arriaga	40/85	8.530	0.189				7100	94	0.029			0.16	
Gliricidia sepium	Mexico	Barrosa	36/85	4.420	0.172				5600	91		0.172			
Gliricidia sepium	Mexico	Chamela	41/85	3.680	0.218				5000	90	0.04	0.178			
Gliricidia sepium	Mexico	Francisco	37/85	9.777	0.209		20		7500	94		0.209			
Gliricidia sepium	Mexico	Francisco	37/85/01	0.219	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/02	0.198	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/03	0.291	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/04	0.334	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/05	0.421	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/06	0.172	0.038							0.038			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Mexico	Francisco	37/85/07	0.333	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/08	0.213	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/09	0.164	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/10	0.233	0.038							0.038			
Gliricidia sepium	Mexico	Francisco	37/85/11	0.111	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/12	0.150	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/13	0.444	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/14	0.345	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/15	0.168	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/16	0.303	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/17	0.246	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/18	0.212	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/19	0.445	0.043							0.043			
Gliricidia sepium	Mexico	Francisco	37/85/20	0.535	0.043							0.043			
Gliricidia sepium	Mexico	Los Amates Puebla	33/85	15.030	0.198				4900	96	0.041	0.157			
Gliricidia sepium	Mexico	Palmasola	34/85	7.890	0.107		20		6500	96		0.107			
Gliricidia sepium	Mexico	Palmasola	34/85/01	0.328	0.010							0.010			
Gliricidia sepium	Mexico	Palmasola	34/85/02	0.296	0.010							0.010			
Gliricidia sepium	Mexico	Palmasola	34/85/03	0.344	0.010							0.010			
Gliricidia sepium	Mexico	Palmasola	34/85/04	0.221	0.010							0.010			
Gliricidia sepium	Mexico	Palmasola	34/85/05	0.130	0.010							0.010			
Gliricidia sepium	Mexico	Palmasola	34/85/06	0.165	0.020							0.020			
Gliricidia sepium	Mexico	Palmasola	34/85/07	0.194	0.020							0.020			
Gliricidia sepium	Mexico	Palmasola	34/85/08	0.190	0.020							0.020			
Gliricidia sepium	Mexico	Palmasola	34/85/09	0.175	0.020							0.020			
Gliricidia sepium	Mexico	Palmasola	34/85/10	0.157	0.020							0.020			
Gliricidia sepium	Mexico	Palmasola	34/85/11	0.196	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/12	0.141	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/13	0.149	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/14	0.215	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/15	0.143	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/16	0.193	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/17	0.121	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/18	0.179	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/19	0.131	0.040							0.040			
Gliricidia sepium	Mexico	Palmasola	34/85/20	0.211	0.040							0.040			
Gliricidia sepium	Mexico	Playa Azul	38/85	9.281	0.182		20		6300	97	0.032	0.15			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Mexico	Playa Azul	38/85/01	0.245	0.025							0.025			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/02	0.242	0.025							0.025			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/03	0.350	0.035							0.035			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/04	0.147	0.035							0.035			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/05	0.161	0.035							0.035			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/06	0.141	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/07	0.138	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/08	0.165	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/09	0.274	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/10	0.169	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/11	0.126	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/12	0.123	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/13	0.278	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/14	0.146	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/15	0.125	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/16	0.204	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/17	0.172	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/18	0.145	0.045							0.045			Bulk for ICRAF
Gliricidia sepium	Mexico	Playa Azul	38/85/20	0.094	0.028							0.028			Bulk for ICRAF
Gliricidia sepium	Mexico	San Jose	39/85	11.810	0.232				3900	83		0.232			
Gliricidia sepium	Mexico	San Mateo	35/85	13.631	0.253		20		6100	96	0.033	0.22			
Gliricidia sepium	Mexico	San Mateo	35/85/01	0.296	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/02	0.194	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/03	0.182	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/04	0.233	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/05	0.088	0.010							0.010			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/06	0.196	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/08	0.254	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/09	0.237	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/10	0.195	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/11	0.178	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/12	0.316	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/13	0.217	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/14	0.226	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/15	0.094	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/16	0.228	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/17	0.337	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Mexico	San Mateo	35/85/18	0.193	0.020							0.020			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Mexico	San Mateo	35/85/20	0.181	0.033							0.033			18 of 20 fams, most <200 viable seed-bulk with 35/85
Gliricidia sepium	Nicaragua	Belen Rivas	126/91	10.000	-0.295		60	1996	8600						
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/01	0.053	0.033							0.033			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/02	0.153	0.098							0.098			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/03	0.119	0.099							0.099			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/04	0.117	0.097							0.097			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/05	0.088	0.068							0.068			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/06	0.048	0.028							0.028			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/07	0.084	0.064							0.064			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/08	0.115	0.095							0.095			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/09	0.051	0.031							0.031			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/10	0.013	0.008							0.008			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/11	0.042	0.022							0.022			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/12	0.053	0.033							0.033			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/13	0.079	0.059							0.059			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/14	0.093	0.073							0.073			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/15	0.074	0.054							0.054			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/16	0.110	0.090							0.090			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/17	0.050	0.030							0.030			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/18	0.061	0.041							0.041			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/19	0.100	0.080							0.080			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/20	0.079	0.059							0.059			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/21	0.057	0.037							0.037			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/22	0.082	0.062							0.062			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/23	0.050	0.030							0.030			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/24	0.162	0.137							0.137			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/25	0.070	0.050							0.050			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/26	0.105	0.085							0.085			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/27	0.087	0.067							0.067			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/28	0.094	0.074							0.074			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/29	0.082	0.062							0.062			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/30	0.097	0.072							0.072			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/31	0.113	0.093							0.093			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/32	0.058	0.038							0.038			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/33	0.079	0.059							0.059			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/34	0.053	0.033							0.033			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/35	0.046	0.026							0.026			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/36	0.053	0.033							0.033			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/37	0.037	0.017							0.017			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/38	0.073	0.053							0.053			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/39	0.068	0.048							0.048			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/40	0.073	0.053							0.053			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/41	0.038	0.018							0.018			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/42	0.046	0.026							0.026			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/43	0.076	0.056							0.056			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/44	0.134	0.114							0.114			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/45	0.072	0.052							0.052			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/46	0.085	0.065							0.065			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/47	0.102	0.082							0.082			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/48	0.123	0.103							0.103			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/49	0.087	0.067							0.067			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/50	0.055	0.035							0.035			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/51	0.101	0.081							0.081			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/52	0.064	0.044							0.044			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/53	0.146	0.121							0.121			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/54	0.015	0.015							0.015			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/55	0.093	0.073							0.073			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/56	0.035	0.015							0.015			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/57	0.033	0.013							0.013			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/58	0.070	0.050							0.050			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/59	0.062	0.042							0.042			
Gliricidia sepium	Nicaragua	Belen Rivas	126/91/60	0.052	0.032							0.032			
Gliricidia sepium	Nicaragua	Belen Rivas	14/86	7.520	0.122		15		7200	94		0.122			
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/01	0.234	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/02	0.310	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/03	0.208	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/04	0.193	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/05	0.170	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/06	0.156	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/07	0.162	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/08	0.180	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/09	0.267	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/10	0.265	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/11	0.146	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/12	0.188	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/13	0.285	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/14	0.171	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	14/86/15	0.215	0.020							0.020			Only 15 families, <200 viable seeds-bulk with 14/86
Gliricidia sepium	Nicaragua	Belen Rivas	20/96	19.950	0.412			1996	7400		0.028	0.384			
Gliricidia sepium	Nicaragua	Boaco	29/84		0.153				6900	91		0.153			
Gliricidia sepium	Nicaragua	Ciudad Dario	31/83	5.070	0.002				7100					0.002	
Gliricidia sepium	Nicaragua	Esteli	30/84		0.146				7000	93		0.146			
Gliricidia sepium	Nicaragua	Managua	31/84		0.005				6800		0.005				
Gliricidia sepium	Nigeria	Ibadan	4/92	2.965	0.023			1992	9200					0.023	
Gliricidia sepium	Panama	Pedasi	13/86	4.330	0.050		20		10700	97	0.019			0.031	
Gliricidia sepium	Thailand	Chumphon	72/87	0.333	0.006			1987	6600		0.006				
Gliricidia sepium	Thailand	Lop Buri	73/87	0.112	0.084			1987	500	5				0.084	Very low viability in 1987
Gliricidia sepium	Thailand	Lop Buri	74/87	0.080	0.045										
Gliricidia sepium	Thailand	Phetchaburi	75/87	0.688	0.056			1987	6200	76	0.056				
Gliricidia sepium	Thailand	Phetchaburi	76/87	0.366	0.072			1987	7200	96	0.072				
Gliricidia sepium	Thailand	Phetchaburi	77/87	0.015	0.010			1987			0.01				
Gliricidia sepium	Unknown	Unknown	97/90				7								
Gliricidia sepium	Venezuela	Mariara	1/86	12.040	0.087				6500	92		0.087			
Haematoxylon brasiletto	Guatemala	El Rancho	14/83	4.830	1.785		24	1983	42000		0.01		0.5	1.275	Other = Dr. Julie Hawkins, Univ. Reading
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/01	0.050	0.049								0.01	0.039	Other=Dr. P Gosling, Alice Holt Ref Collection
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/02	0.050	0.049									0.049	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/03	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/04	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/05	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/06	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/07	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/08	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/09	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/10	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/11	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/12	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/13	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/14	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/15	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/16	0.050	0.050									0.050	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/17	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/18	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/19	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/20	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/21	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/22	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/23	0.050	0.050									0.050	
Haematoxylon brasiletto	Guatemala	El Rancho	14/83/24	0.050	0.045									0.045	
Haematoxylon dinteri	Namibia	Bethania	40/94	0.001	0.001						0.001				
Harpalyce arborea	Mexico	Jalpan de la Sierra	112/92	0.144	0.094						0.094				
Havardia confine	Mexico	San Pedro	96/92	0.038	0.027						0.027				
Havardia sp	Mexico	Guaymas	104/92	0.097	0.097						0.097				
Hesperalbizia occidentalis	Mexico	Huatulco	39/87	0.750	0.552			1987	7000		0.03	0.522			
Hesperalbizia occidentalis	Mexico	Puente Cuilala	47/88	5.320	4.895			1988	9000		0.023	2.5	0.025	2.347	Other=Dr. P Gosling, Alice Holt Ref Collection
Heteroflorum sp	Mexico	El Infiernillo	58/94	1.592	1.437			1995	760	29	0.265		1.172		Other = Dr. Julie Hawkins, Univ. Reading
Heteroflorum sp	Mexico	El Infiernillo	59/94	0.604	0.576			1995	1200	70	0.17		0.406		Other = Dr. Julie Hawkins, Univ. Reading
Hybosema ehrenbergii	Guatemala	Montana la Ruda	97/92	0.014	0.009						0.009				
Hybosema ehrenbergii	Mexico	Jacala	49/94	0.216	0.211			1995	13000	62	0.016	0.185	0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Hybosema ehrenbergii	Mexico	San Baltazar Guelavila	48/94	0.304	0.304 *						0.304				
Hybosema sp nov	Mexico	CHICOASEN	30/89	0.010	0.010						0.01				
Hybosema sp nov	Mexico	CHICOASEN	50/88	0.002	0.002						0.002				
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88	5.470	2.025		25	1996	20000	89	0.01	2.015			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/01	0.152	0.147						0.01	0.137			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/02	0.149	0.144						0.01	0.134			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/03	0.103	0.098						0.01	0.088			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/04	0.149	0.144						0.01	0.134			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/05	0.106	0.101						0.01	0.091			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/06	0.147	0.142						0.01	0.132			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/07	0.151	0.146						0.01	0.136			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/08	0.102	0.097						0.01	0.087			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/09	0.201	0.196						0.01	0.186			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/10	0.101	0.096						0.01	0.086			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/11	0.150	0.145						0.01	0.135			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/12	0.157	0.152						0.01	0.142			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/13	0.199	0.194						0.01	0.184			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/14	0.202	0.197						0.01	0.187			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/15	0.098	0.093						0.01	0.083			

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Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/16	0.150	0.145						0.01	0.135			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/17	0.075	0.070						0.01	0.06			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/18	0.100	0.095						0.01	0.085			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/19	0.082	0.077						0.01	0.067			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/20	0.044	0.039						0.01	0.029			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/21	0.201	0.196						0.01	0.186			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/22	0.201	0.196						0.01	0.186			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/23	0.153	0.148						0.01	0.138			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/24	0.200	0.195						0.01	0.185			
Leucaena collinsii collinsii	Guatemala	Chacaj	51/88/25	0.202	0.197						0.01	0.187			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85	3.480	1.393		25	1993		88	0.01	1.383			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/01	0.443	0.426						0.01	0.416			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/02	0.191	0.176						0.01	0.166			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/03	0.274	0.257						0.01	0.247			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/04	0.216	0.201						0.01	0.191			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/05	0.069	0.054						0.01	0.044			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/06	0.033	0.018						0.01	0.008			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/07	0.182	0.167						0.01	0.157			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/08	0.066	0.051						0.01	0.041			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/09	0.048	0.033						0.01	0.023			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/10	0.275	0.260						0.01	0.25			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/11	0.126	0.111						0.01	0.101			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/12	0.263	0.248						0.01	0.238			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/13	0.471	0.454						0.01	0.444			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/14	0.245	0.230						0.01	0.22			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/15	0.270	0.255						0.01	0.245			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/16	0.210	0.195						0.01	0.185			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/17	0.285	0.268						0.01	0.258			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/18	0.479	0.462						0.01	0.452			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/19	0.395	0.378						0.01	0.368			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/20	0.510	0.493						0.01	0.483			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/21	0.321	0.304						0.01	0.294			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/22	0.100	0.085						0.01	0.075			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/23	0.419	0.402						0.01	0.392			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/24	0.257	0.250						0.01	0.24			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	45/85/25	0.151	0.146						0.01	0.136			
Leucaena collinsii collinsii	Mexico	Narcisco Mendoza	52/88	11.280	8.730			1996	21000	93		2.4	0.01	6.32	Other=Dr. P Gosling, Alice Holt Ref Collection

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Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88	1.380	0.478		18	1996	17000	46	0.012	0.466			
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/01	0.093	0.088						0.012			0.076	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/02	0.116	0.111						0.012			0.099	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/03	0.175	0.170						0.012			0.158	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/04	0.199	0.194						0.012			0.182	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/05	0.119	0.114						0.012			0.102	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/06	0.116	0.111						0.012			0.099	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/07	0.181	0.176						0.012			0.164	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/08	0.191	0.186						0.012			0.174	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/09	0.223	0.218						0.012			0.206	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/10	0.084	0.079						0.012			0.067	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/11	0.082	0.077						0.012			0.065	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/12	0.186	0.181						0.012			0.169	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/13	0.075	0.070						0.012			0.058	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/14	0.209	0.204						0.012			0.192	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/15	0.051	0.046						0.012			0.034	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/16	0.176	0.171						0.012			0.159	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/17	0.026	0.021						0.012			0.009	
Leucaena collinsii zacapana	Guatemala	El Carrizal	57/88/18	0.064	0.059						0.012			0.047	
Leucaena collinsii zacapana	Guatemala	Gualan	56/88	9.280	4.304		20	1996	27000	87	0.008		2	2.296	
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/01	0.255	0.251						0.008	0.243			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/02	0.083	0.079						0.008	0.071			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/03	0.047	0.043						0.008	0.035			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/04	0.028	0.024						0.008	0.016			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/05	0.102	0.098						0.008	0.09			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/06	0.093	0.089						0.008	0.081			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/07	0.272	0.268						0.008	0.26			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/08	0.301	0.297						0.008	0.289			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/09	0.258	0.254						0.008	0.246			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/10	0.216	0.212						0.008	0.204			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/11	0.235	0.231						0.008	0.223			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/12	0.208	0.204						0.008	0.196			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/13	0.306	0.302						0.008	0.294			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/14	0.299	0.295						0.008	0.287			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/15	0.225	0.221						0.008	0.213			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/16	0.296	0.292						0.008	0.284			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/17	0.301	0.297						0.008	0.289			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/18	0.310	0.306						0.008	0.298			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/19	0.305	0.301						0.008	0.293			
Leucaena collinsii zacapana	Guatemala	Gualan	56/88/20	0.309	0.305						0.008	0.297			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83	4.380	0.002		25		33000	91				0.002	
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/01	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/02	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/03	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/04	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/05	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/06	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/07	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/08	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/09	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/10	0.160	0.154						0.007	0.147			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/11	0.150	0.146						0.007	0.139			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/12	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/13	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/14	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/15	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/16	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/17	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/18	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/19	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/20	0.130	0.126						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/21	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/22	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/23	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/24	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	15/83/25	0.160	0.156						0.007	0.149			
Leucaena collinsii zacapana	Guatemala	Puerto de Golpe	18/84		1.409			1996	24000	85	0.009	1.4			
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	119/92	0.062	0.042						0.01	0.032			
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94	0.256	0.162		18	1995	21000	90	0.01	0.152			
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/01	0.191	0.191						0.02			0.171	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/02	0.199	0.199						0.02			0.179	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/03	0.142	0.142						0.02			0.122	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/04	0.121	0.121						0.02			0.101	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/05	0.104	0.104						0.02			0.084	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/06	0.159	0.159						0.02			0.139	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/07	0.322	0.322						0.02			0.302	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/08	0.519	0.519						0.02			0.499	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/09	0.305	0.305						0.02			0.285	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/10	0.218	0.218						0.02			0.198	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/11	0.185	0.185						0.02			0.165	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/12	0.173	0.173						0.02			0.153	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/13	0.256	0.256						0.02			0.236	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/14	0.232	0.232						0.02			0.212	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/15	0.139	0.139						0.02			0.119	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/16	0.121	0.121						0.02			0.101	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/17	0.145	0.145						0.02			0.125	
Leucaena confertiflora aden	Mexico	San Pedro Chapulco	87/94/18	0.333	0.333						0.02			0.313	
Leucaena confertiflora aden	Mexico	Santa Catalina Oxolotep	120/92	0.004	0.001						0.001				
Leucaena confertiflora aden	Mexico	Santa Catalina Oxolotep	88/94	0.379	0.139	*					0.139				
Leucaena confertiflora aden	USA	Waimanalo	33/91	0.006	0.006	*					0.006				
Leucaena confertiflora confe	Mexico	El Moral	85/94	0.200	0.125	*					0.125				
Leucaena confertiflora confe	Mexico	Nueve Puntas	84/94	0.203	0.153	*					0.153				
Leucaena confertiflora confe	Mexico	Santa Catarina Zapotquit	86/94	0.017	0.012	*					0.012				
Leucaena confertiflora confe	Mexico	Tamazulapan	124/92	0.001	0.001	*					0.001				
Leucaena cuspidata	Mexico	Camarones	83/94	0.422	0.289		20	1995	4900	66	0.041	0.248			
Leucaena cuspidata	Mexico	Camarones	83/94/01	0.128	0.128						0.041	0.087			
Leucaena cuspidata	Mexico	Camarones	83/94/02	0.086	0.086						0.041	0.045			
Leucaena cuspidata	Mexico	Camarones	83/94/03	0.054	0.054						0.054				
Leucaena cuspidata	Mexico	Camarones	83/94/04	0.040	0.040						0.04				
Leucaena cuspidata	Mexico	Camarones	83/94/05	0.041	0.041						0.041				
Leucaena cuspidata	Mexico	Camarones	83/94/06	0.093	0.093						0.041	0.052			
Leucaena cuspidata	Mexico	Camarones	83/94/07	0.053	0.053						0.053				
Leucaena cuspidata	Mexico	Camarones	83/94/08	0.048	0.048						0.048				
Leucaena cuspidata	Mexico	Camarones	83/94/09	0.148	0.148						0.041	0.107			
Leucaena cuspidata	Mexico	Camarones	83/94/10	0.173	0.173						0.041	0.132			
Leucaena cuspidata	Mexico	Camarones	83/94/11	0.190	0.190						0.041	0.149			
Leucaena cuspidata	Mexico	Camarones	83/94/12	0.031	0.031						0.031				
Leucaena cuspidata	Mexico	Camarones	83/94/13	0.169	0.169						0.041	0.128			
Leucaena cuspidata	Mexico	Camarones	83/94/14	0.157	0.157						0.041	0.116			
Leucaena cuspidata	Mexico	Camarones	83/94/15	0.059	0.059						0.059				
Leucaena cuspidata	Mexico	Camarones	83/94/16	0.201	0.201						0.041	0.16			

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Leucaena cuspidata	Mexico	Camarones	83/94/17	0.090	0.090						0.041	0.049			
Leucaena cuspidata	Mexico	Camarones	83/94/18	0.222	0.222						0.041	0.181			
Leucaena cuspidata	Mexico	Camarones	83/94/19	0.152	0.152						0.041	0.111			
Leucaena cuspidata	Mexico	Camarones	83/94/20	0.143	0.143						0.041	0.102			
Leucaena cuspidata	Mexico	Jacala	88/92	0.007	0.002						0.002				
Leucaena cuspidata	Mexico	Jacala	90/94	0.199	0.124 *						0.124				
Leucaena cuspidata	Mexico	Tolantongo	89/94	0.066	0.066 *						0.066				
Leucaena diversifolia	Australia	Mount Cotton	11/95	0.203	0.196			1995	56000	99	0.004	0.192			
Leucaena diversifolia	Guatemala	Barillas	82/92		0.049		20	1995	58000	95	0.004	0.045			
Leucaena diversifolia	Guatemala	Barillas	82/92/01	0.066	0.048						0.004	0.044			
Leucaena diversifolia	Guatemala	Barillas	82/92/02	0.088	0.070						0.004	0.066			
Leucaena diversifolia	Guatemala	Barillas	82/92/03	0.035	0.017						0.004	0.013			
Leucaena diversifolia	Guatemala	Barillas	82/92/04	0.129	0.106						0.004	0.102			
Leucaena diversifolia	Guatemala	Barillas	82/92/05	0.134	0.106						0.004	0.102			
Leucaena diversifolia	Guatemala	Barillas	82/92/06	0.065	0.047						0.004	0.043			
Leucaena diversifolia	Guatemala	Barillas	82/92/07	0.142	0.104						0.004	0.1			
Leucaena diversifolia	Guatemala	Barillas	82/92/08	0.120	0.102						0.004	0.098			
Leucaena diversifolia	Guatemala	Barillas	82/92/09	0.056	0.038						0.004	0.034			
Leucaena diversifolia	Guatemala	Barillas	82/92/10	0.056	0.038						0.004	0.034			
Leucaena diversifolia	Guatemala	Barillas	82/92/11	0.030	0.012						0.004	0.008			
Leucaena diversifolia	Guatemala	Barillas	82/92/12	0.148	0.115						0.004	0.111			
Leucaena diversifolia	Guatemala	Barillas	82/92/13	0.028	0.010						0.004	0.006			
Leucaena diversifolia	Guatemala	Barillas	82/92/14	0.074	0.056						0.004	0.052			
Leucaena diversifolia	Guatemala	Barillas	82/92/15	0.030	0.012						0.004	0.008			
Leucaena diversifolia	Guatemala	Barillas	82/92/16	0.034	0.016						0.004	0.012			
Leucaena diversifolia	Guatemala	Barillas	82/92/17	0.091	0.068						0.004	0.064			
Leucaena diversifolia	Guatemala	Barillas	82/92/18	0.073	0.055						0.004	0.051			
Leucaena diversifolia	Guatemala	Barillas	82/92/19	0.031	0.013						0.004	0.009			
Leucaena diversifolia	Guatemala	Barillas	82/92/20	0.038	0.015						0.004	0.011			
Leucaena diversifolia	Kenya	Machakos (ex Corral Fal	5/98	29.000	29.000							29			
Leucaena diversifolia	Mexico	Corral Falso	45/87	4.250	2.437		20	1996	53000	91	0.004	2		0.433	
Leucaena diversifolia	Mexico	Corral Falso	45/87/01	0.126	0.067						0.004	0.063			
Leucaena diversifolia	Mexico	Corral Falso	45/87/02	0.427	0.368						0.004	0.364			
Leucaena diversifolia	Mexico	Corral Falso	45/87/03	0.397	0.338						0.004	0.334			
Leucaena diversifolia	Mexico	Corral Falso	45/87/04	0.254	0.195						0.004	0.191			
Leucaena diversifolia	Mexico	Corral Falso	45/87/05	0.167	0.108						0.004	0.104			
Leucaena diversifolia	Mexico	Corral Falso	45/87/06	0.150	0.091						0.004	0.087			

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Leucaena diversifolia	Mexico	Corral Falso	45/87/07	0.192	0.133						0.004	0.129			
Leucaena diversifolia	Mexico	Corral Falso	45/87/08	0.097	0.038						0.004	0.034			
Leucaena diversifolia	Mexico	Corral Falso	45/87/09	0.171	0.112						0.004	0.108			
Leucaena diversifolia	Mexico	Corral Falso	45/87/10	0.370	0.311						0.004	0.307			
Leucaena diversifolia	Mexico	Corral Falso	45/87/11	0.415	0.356						0.004	0.352			
Leucaena diversifolia	Mexico	Corral Falso	45/87/12	0.337	0.278						0.004	0.274			
Leucaena diversifolia	Mexico	Corral Falso	45/87/13	0.320	0.261						0.004	0.257			
Leucaena diversifolia	Mexico	Corral Falso	45/87/14	0.254	0.195						0.004	0.191			
Leucaena diversifolia	Mexico	Corral Falso	45/87/15	0.282	0.223						0.004	0.219			
Leucaena diversifolia	Mexico	Corral Falso	45/87/16	0.251	0.192						0.004	0.188			
Leucaena diversifolia	Mexico	Corral Falso	45/87/17	0.109	0.050						0.004	0.046			
Leucaena diversifolia	Mexico	Corral Falso	45/87/18	0.085	0.026						0.004	0.022			
Leucaena diversifolia	Mexico	Corral Falso	45/87/19	0.180	0.121						0.004	0.117			
Leucaena diversifolia	Mexico	Corral Falso	45/87/20	0.430	0.371						0.004	0.367			
Leucaena diversifolia	Mexico	Huatusco	106/94	0.073	0.039						0.004	0.035			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92	1.965	0.636		20	1996	52000	74	0.004	0.632			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/01	0.148	0.145						0.004	0.141			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/02	0.040	0.037						0.004	0.033			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/03	0.119	0.116						0.004	0.112			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/04	0.199	0.196						0.004	0.192			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/05	0.154	0.151						0.004	0.147			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/06	0.193	0.190						0.004	0.186			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/07	0.233	0.230						0.004	0.226			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/08	0.172	0.169						0.004	0.165			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/09	0.214	0.211						0.004	0.207			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/10	0.204	0.201						0.004	0.197			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/11	0.110	0.107						0.004	0.103			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/12	0.025	0.022						0.004	0.018			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/13	0.054	0.051						0.004	0.047			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/14	0.163	0.160						0.004	0.156			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/15	0.184	0.181						0.004	0.177			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/16	0.153	0.150						0.004	0.146			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/17	0.140	0.137						0.004	0.133			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/18	0.081	0.078						0.004	0.074			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/19	0.225	0.222						0.004	0.218			
Leucaena diversifolia	Mexico	Jalapa de Diaz	83/92/20	0.054	0.051						0.004	0.047			
Leucaena diversifolia	Mexico	Maria de la Torre	104/94	0.173	0.107						0.004	0.103			

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Leucaena diversifolia	Mexico	Ocosingo	146/92	0.007	0.004						0.004				
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	118/92	0.010	0.007						0.007				
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92				13				0.009				9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/04	0.004	0.001						0.001				9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/05	0.015	0.012						0.001			0.011	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/07	0.014	0.011						0.001			0.01	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/08	0.025	0.022						0.001			0.021	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/09	0.018	0.015						0.001			0.014	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/10	0.020	0.017						0.001			0.016	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/11	0.149	0.146						0.001			0.145	9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/12	0.004	0.001						0.001				9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Bartolo Tutotepec	81/92/13	0.004	0.001						0.001				9 of 13 fams with stock bulk for molecular work, bin remainder
Leucaena diversifolia	Mexico	San Juan Coyula	126/92	0.046	0.019						0.019				
Leucaena diversifolia	Mexico	Teapa	105/94	0.027	0.012						0.012				
Leucaena diversifolia	Mexico	Xalapa	46/87	4.250	2.008		15	1996	61000	80	0.004	2.004			
Leucaena diversifolia	Mexico	Xalapa	46/87/01	0.515	0.482						0.004			0.478	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/02	0.314	0.281						0.004			0.277	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/03	0.308	0.275						0.004			0.271	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/04	0.250	0.217						0.004			0.213	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/05	0.217	0.184						0.004			0.18	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/06	0.312	0.279						0.004			0.275	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/07	0.194	0.161						0.004			0.157	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/08	0.180	0.147						0.004			0.143	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/09	0.212	0.179						0.004			0.175	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/10	0.393	0.360						0.004			0.356	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/11	0.376	0.343						0.004			0.339	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/12	0.155	0.122						0.004			0.118	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/13	0.242	0.209						0.004			0.205	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/14	0.199	0.166						0.004			0.162	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Xalapa	46/87/15	0.171	0.138						0.004			0.134	Only 15 families, bulk of 2kg already
Leucaena diversifolia	Mexico	Yajalon	107/94	0.024	0.014						0.014				
Leucaena diversifolia	Papua New G	Bulolo	1/90	0.021	0.008						0.008				
Leucaena diversifolia	USA	Waimanalo	41/91	0.031	0.026 *						0.026				
Leucaena esculenta	Mexico	San Martin Pachivia	47/87	22.520	5.009		24	1996	8300	93	0.025	4.959	0.025		Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/01	0.255	0.208						0.025	0.183			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/02	0.666	0.619						0.025	0.594			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/03	0.751	0.704						0.025	0.679			

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Leucaena esculenta	Mexico	San Martin Pachivia	47/87/04	0.256	0.209						0.025	0.184			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/05	0.250	0.203						0.025	0.178			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/06	0.445	0.398						0.025	0.373			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/07	0.638	0.591						0.025	0.566			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/08	0.665	0.618						0.025	0.593			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/09	0.292	0.245						0.025	0.22			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/10	0.757	0.710						0.025	0.685			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/11	0.815	0.768						0.025	0.743			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/12	0.708	0.661						0.025	0.636			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/13	0.430	0.383						0.025	0.358			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/14	0.376	0.329						0.025	0.304			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/15	0.217	0.170						0.025	0.145			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/16	0.328	0.281						0.025	0.256			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/17	0.672	0.625						0.025	0.6			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/18	0.281	0.234						0.025	0.209			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/19	0.792	0.745						0.025	0.72			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/20	1.555	1.508						0.025	1.483			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/21	0.482	0.435						0.025	0.41			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/22	0.476	0.429						0.025	0.404			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/23	0.236	0.189						0.025	0.164			
Leucaena esculenta	Mexico	San Martin Pachivia	47/87/24	0.399	0.352						0.025	0.327			
Leucaena esculenta	Mexico	Tiringucha	48/87	2.400	1.520		10	1996	9000	89	0.023	1.497			
Leucaena esculenta	Mexico	Tiringucha	48/87/01	0.758	0.733						0.023			0.71	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/02	0.378	0.353						0.023			0.33	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/03	0.300	0.275						0.023			0.252	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/04	0.367	0.342						0.023			0.319	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/05	0.329	0.304						0.023			0.281	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/06	0.459	0.434						0.023			0.411	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/07	0.302	0.277						0.023			0.254	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/08	0.279	0.254						0.023			0.231	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/09	0.452	0.427						0.023			0.404	Only 10 families, bulk already available
Leucaena esculenta	Mexico	Tiringucha	48/87/10	0.368	0.343						0.023			0.32	Only 10 families, bulk already available
Leucaena greggii	Mexico	El Barrial	19/86				10								
Leucaena greggii	Mexico	El Barrial	19/86/01	0.195	0.087						0.016			0.071	
Leucaena greggii	Mexico	El Barrial	19/86/02	0.213	0.086			1993			0.016			0.07	
Leucaena greggii	Mexico	El Barrial	19/86/03	0.352	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/04	0.215	0.092						0.016			0.076	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena greggii	Mexico	El Barrial	19/86/05	0.119	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/06	0.259	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/07	0.193	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/08	0.180	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/09	0.175	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	19/86/10	0.280	0.092						0.016			0.076	
Leucaena greggii	Mexico	El Barrial	26/86	1.131	1.669			1993		83	0.016			1.653	
Leucaena greggii	Mexico	El Barrial	82/87	6.300	5.252		20	1993		91		4	0.015	1.237	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena greggii	Mexico	El Barrial	82/87/01	0.571	0.556						0.016	0.54			
Leucaena greggii	Mexico	El Barrial	82/87/02	0.122	0.107						0.016	0.091			
Leucaena greggii	Mexico	El Barrial	82/87/03	0.298	0.283						0.016	0.267			
Leucaena greggii	Mexico	El Barrial	82/87/04	0.265	0.250						0.016	0.234			
Leucaena greggii	Mexico	El Barrial	82/87/05	0.132	0.117						0.016	0.101			
Leucaena greggii	Mexico	El Barrial	82/87/06	0.428	0.413						0.016	0.397			
Leucaena greggii	Mexico	El Barrial	82/87/07	0.488	0.473						0.016	0.457			
Leucaena greggii	Mexico	El Barrial	82/87/08	0.401	0.386						0.016	0.37			
Leucaena greggii	Mexico	El Barrial	82/87/09	0.439	0.424						0.016	0.408			
Leucaena greggii	Mexico	El Barrial	82/87/10	0.258	0.243						0.016	0.227			
Leucaena greggii	Mexico	El Barrial	82/87/11	0.360	0.345						0.016	0.329			
Leucaena greggii	Mexico	El Barrial	82/87/12	0.434	0.419						0.016	0.403			
Leucaena greggii	Mexico	El Barrial	82/87/13	0.302	0.287						0.016	0.271			
Leucaena greggii	Mexico	El Barrial	82/87/14	0.206	0.191						0.016	0.175			
Leucaena greggii	Mexico	El Barrial	82/87/15	0.182	0.167						0.016	0.151			
Leucaena greggii	Mexico	El Barrial	82/87/16	0.422	0.407						0.016	0.391			
Leucaena greggii	Mexico	El Barrial	82/87/17	0.348	0.333						0.016	0.317			
Leucaena greggii	Mexico	El Barrial	82/87/18	0.247	0.232						0.016	0.216			
Leucaena greggii	Mexico	El Barrial	82/87/19	0.325	0.310						0.016	0.294			
Leucaena greggii	Mexico	El Barrial	82/87/20	0.279	0.264						0.016	0.248			
Leucaena greggii	Mexico	Iturbide	20/86				10								
Leucaena greggii	Mexico	Iturbide	20/86/01	0.192	0.032						0.016	0.016			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/02	0.064	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/03	0.143	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/04	0.045	0.037						0.016	0.021			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/05	0.148	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/06	0.090	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/07	0.178	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/08	0.128	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86

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Leucaena greggii	Mexico	Iturbide	20/86/09	0.032	0.024						0.016	0.008			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Iturbide	20/86/10	0.076	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 20/86
Leucaena greggii	Mexico	Rayones	21/86				10								
Leucaena greggii	Mexico	Rayones	21/86/01	0.090	0.032						0.016	0.016			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/02	0.081	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/03	0.095	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/04	0.049	0.041						0.016	0.025			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/05	0.056	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/06	0.129	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/07	0.033	0.025						0.016	0.009			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/08	0.066	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/09	0.046	0.038						0.016	0.022			Partial bulk ICRAF seedlots to 21/86
Leucaena greggii	Mexico	Rayones	21/86/10	0.100	0.042						0.016	0.026			Partial bulk ICRAF seedlots to 21/86
Leucaena hybrid	Indonesia	Ponduk Gedeh	96/94	0.039	0.029 *						0.029				
Leucaena hybrid	Mexico	Huautla	32/89	0.004	0.001						0.001				
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87	4.950	-0.029		20	1996	54000	90					
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/01	0.173	0.133						0.004	0.129			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/02	0.420	0.380						0.004	0.376			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/03	0.389	0.349						0.004	0.345			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/04	0.354	0.314						0.004	0.31			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/05	0.565	0.525						0.004	0.521			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/06	0.238	0.198						0.004	0.194			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/07	0.171	0.131						0.004	0.127			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/08	0.151	0.111						0.004	0.107			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/09	0.315	0.275						0.004	0.271			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/10	0.326	0.286						0.004	0.282			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/11	0.438	0.398						0.004	0.394			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/12	0.311	0.271						0.004	0.267			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/13	0.389	0.349						0.004	0.345			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/14	0.383	0.343						0.004	0.339			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/15	0.250	0.210						0.004	0.206			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/16	0.424	0.384						0.004	0.38			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/17	0.428	0.388						0.004	0.384			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/18	0.534	0.494						0.004	0.49			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/19	0.323	0.283						0.004	0.279			
Leucaena hybrid	Mexico	San Pedro Chapulco	52/87/20	0.408	0.368						0.004	0.364			
Leucaena hybrid	Mexico	San Pedro Chapulco	94/94	0.044	0.029 *						0.029				

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Leucaena hybrid	Mexico	Santa Catalina Oxolotep	95/94	0.303	0.248	*					0.248				
Leucaena hybrid	Mexico	Santiago Acatepec	123/92	0.012	0.007						0.007				
Leucaena hybrid	Mexico	Santiago Acatepec	93/94	0.090	0.065	*					0.065				
Leucaena hybrid	USA	Waimanalo	100/91	0.016	0.016	*					0.016				
Leucaena hybrid	USA	Waimanalo	101/91	0.009	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	102/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	103/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	107/91	0.006	0.006	*					0.006				
Leucaena hybrid	USA	Waimanalo	109/91	0.009	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	110/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	111/91	0.006	0.006	*					0.006				
Leucaena hybrid	USA	Waimanalo	116/91	0.001	0.001	*					0.001				
Leucaena hybrid	USA	Waimanalo	117/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	119/91	0.007	0.007	*					0.007				
Leucaena hybrid	USA	Waimanalo	120/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	122/91	0.031	0.031	*					0.031				
Leucaena hybrid	USA	Waimanalo	123/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	27/91	0.017	0.017	*					0.017				
Leucaena hybrid	USA	Waimanalo	28/91	0.006	0.006	*					0.006				
Leucaena hybrid	USA	Waimanalo	29/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	34/91	0.012	0.007	*					0.007				
Leucaena hybrid	USA	Waimanalo	35/91	0.009	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	36/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	37/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	38/91	0.012	0.012	*					0.012				
Leucaena hybrid	USA	Waimanalo	39/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	42/91	0.009	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	43/91	0.009	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	44/91	0.011	0.011	*					0.011				
Leucaena hybrid	USA	Waimanalo	45/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	46/91	0.006	0.006	*					0.006				
Leucaena hybrid	USA	Waimanalo	47/91	0.008	0.008	*					0.008				
Leucaena hybrid	USA	Waimanalo	48/91	0.008	0.008	*					0.008				
Leucaena hybrid	USA	Waimanalo	49/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	50/91	0.018	0.018	*					0.018				
Leucaena hybrid	USA	Waimanalo	51/91	0.013	0.013	*					0.013				
Leucaena hybrid	USA	Waimanalo	52/91	0.014	0.014	*					0.014				

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Leucaena hybrid	USA	Waimanalo	54/91	0.021	0.021	*					0.021				
Leucaena hybrid	USA	Waimanalo	55/91	0.009	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	56/91	0.009	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	58/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	59/91	0.006	0.006	*					0.006				
Leucaena hybrid	USA	Waimanalo	60/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	61/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	62/91	0.007	0.007	*					0.007				
Leucaena hybrid	USA	Waimanalo	63/91	0.015	0.015	*					0.015				
Leucaena hybrid	USA	Waimanalo	64/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	65/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	66/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	67/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	68/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	69/91	0.019	0.019	*					0.019				
Leucaena hybrid	USA	Waimanalo	70/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	71/91	0.007	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	72/91	0.010	0.009	*					0.009				
Leucaena hybrid	USA	Waimanalo	75/91	0.008	0.008	*					0.008				
Leucaena hybrid	USA	Waimanalo	76/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	77/91	0.003	0.003	*					0.003				
Leucaena hybrid	USA	Waimanalo	78/91	0.016	0.016	*					0.016				
Leucaena hybrid	USA	Waimanalo	79/91	0.026	0.026	*					0.026				
Leucaena hybrid	USA	Waimanalo	80/91	0.015	0.015	*					0.015				
Leucaena hybrid	USA	Waimanalo	81/91	0.018	0.018	*					0.018				
Leucaena hybrid	USA	Waimanalo	82/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	83/91	0.011	0.011	*					0.011				
Leucaena hybrid	USA	Waimanalo	84/91	0.002	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	85/91	0.008	0.008	*					0.008				
Leucaena hybrid	USA	Waimanalo	86/91	0.007	0.002	*					0.002				
Leucaena hybrid	USA	Waimanalo	87/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	88/91	0.020	0.020	*					0.020				
Leucaena hybrid	USA	Waimanalo	89/91	0.014	0.014	*					0.014				
Leucaena hybrid	USA	Waimanalo	90/91	0.005	0.005	*					0.005				
Leucaena hybrid	USA	Waimanalo	91/91	0.013	0.013	*					0.013				
Leucaena hybrid	USA	Waimanalo	92/91	0.012	0.012	*					0.012				
Leucaena hybrid	USA	Waimanalo	93/91	0.011	0.011	*					0.011				

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Leucaena hybrid	USA	Waimanalo	94/91	0.010	0.010	*					0.010				
Leucaena hybrid	USA	Waimanalo	96/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	97/91	0.004	0.004	*					0.004				
Leucaena hybrid	USA	Waimanalo	98/91	0.008	0.008	*					0.008				
Leucaena hybrid	USA	Waimanalo	99/91	0.013	0.013	*					0.013				
Leucaena hybrid	USA	Waimanalo	1/95	0.029	0.033						0.033				
Leucaena involucrata	Mexico	El Novillo	146/91	0.006	0.004						0.004				
Leucaena involucrata	Mexico	El Novillo	87/92	0.409	0.020			1994	18000	81	0.02				
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85	3.970	2.917		20	1996	34000	90	0.006	2	0.01	0.901	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/01	0.071	0.066						0.006	0.06			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/02	0.166	0.159						0.006	0.153			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/03	0.087	0.080						0.006	0.074			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/04	0.062	0.057						0.006	0.051			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/05	0.036	0.031						0.006	0.025			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/06	0.036	0.031						0.006	0.025			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/07	0.030	0.025						0.006	0.019			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/08	0.022	0.017						0.006	0.011			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/09	0.092	0.085						0.006	0.079			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/10	0.086	0.079						0.006	0.073			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/11	0.147	0.140						0.006	0.134			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/12	0.063	0.058						0.006	0.052			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/13	0.076	0.071						0.006	0.065			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/14	0.109	0.102						0.006	0.096			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/15	0.034	0.029						0.006	0.023			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/16	0.111	0.104						0.006	0.098			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/17	0.068	0.063						0.006	0.057			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/18	0.174	0.167						0.006	0.161			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/19	0.080	0.073						0.006	0.067			
Leucaena lanceolata lanceo	Mexico	Escuinapa	44/85/20	0.198	0.191						0.006	0.185			
Leucaena lanceolata lanceo	Mexico	Matias Romero	134/92	0.115	0.057						0.01	0.047			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85	1.860			23		400						
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/01	0.150	0.140						0.01	0.13			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/02	0.191	0.179						0.01	0.169			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/03	0.128	0.123						0.01	0.113			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/04	0.129	0.124						0.01	0.114			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/05	0.252	0.245						0.01	0.235			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/06	0.354	0.342						0.01	0.332			

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Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/07	0.221	0.214						0.01	0.204			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/08	0.256	0.249						0.01	0.239			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/09	0.074	0.069						0.01	0.059			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/10	0.053	0.046						0.01	0.036			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/11	0.091	0.086						0.01	0.076			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/12	0.132	0.127						0.01	0.117			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/13	0.315	0.303						0.01	0.293			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/14	0.090	0.085						0.01	0.075			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/15	0.058	0.053						0.01	0.043			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/16	0.166	0.161						0.01	0.151			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/17	0.182	0.170						0.01	0.16			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/18	0.127	0.122						0.01	0.112			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/19	0.197	0.185						0.01	0.175			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/20	0.161	0.156						0.01	0.146			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/21	0.093	0.088						0.01	0.078			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/22	0.124	0.119						0.01	0.109			
Leucaena lanceolata lanceo	Mexico	Playa Azul	46/85/23	0.264	0.252						0.01	0.242			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85	12.450	7.841		20	1993		92	0.006	2		5.835	
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/01	0.146	0.139						0.006	0.133			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/02	0.222	0.215						0.006	0.209			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/03	0.190	0.183						0.006	0.177			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/04	0.122	0.117						0.006	0.111			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/05	0.231	0.224						0.006	0.218			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/06	0.108	0.103						0.006	0.097			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/07	0.112	0.107						0.006	0.101			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/08	0.108	0.103						0.006	0.097			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/09	0.194	0.187						0.006	0.181			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/10	0.160	0.153						0.006	0.147			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/11	0.181	0.174						0.006	0.168			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/12	0.181	0.174						0.006	0.168			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/13	0.177	0.170						0.006	0.164			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/14	0.116	0.111						0.006	0.105			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/15	0.087	0.082						0.006	0.076			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/16	0.104	0.099						0.006	0.093			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/17	0.113	0.108						0.006	0.102			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/18	0.073	0.068						0.006	0.062			
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/19	0.153	0.146						0.006	0.14			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena lanceolata lanceo	Mexico	San Jon	43/85/20	0.065	0.060						0.006	0.054			
Leucaena lanceolata lanceo	Mexico	Sierra de Alamos	90/92	0.061	0.020						0.02				
Leucaena lanceolata sousae	Mexico	Cacalote	50/87	5.430	3.242			1996	14000	74	0.015	3.227			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87	5.070	3.527		20	1996	21000	87	0.01	2.4		1.117	
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/01	0.107	0.097						0.01	0.087			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/02	0.160	0.150						0.01	0.14			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/03	0.130	0.120						0.01	0.11			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/04	0.153	0.143						0.01	0.133			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/05	0.109	0.099						0.01	0.089			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/06	0.068	0.058						0.01	0.048			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/07	0.182	0.172						0.01	0.162			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/08	0.218	0.208						0.01	0.198			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/09	0.220	0.210						0.01	0.2			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/10	0.144	0.134						0.01	0.124			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/11	0.180	0.170						0.01	0.16			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/12	0.103	0.093						0.01	0.083			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/13	0.128	0.118						0.01	0.108			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/14	0.159	0.149						0.01	0.139			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/15	0.069	0.059						0.01	0.049			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/16	0.164	0.154						0.01	0.144			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/17	0.162	0.152						0.01	0.142			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/18	0.270	0.260						0.01	0.25			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/19	0.274	0.264						0.01	0.254			
Leucaena lanceolata sousae	Mexico	Puerto Angel	51/87/20	0.108	0.098						0.01	0.088			
Leucaena lempirana	Honduras	Cuyamapa	6/91	4.550	3.122		62	1996	28000	89	0.008	2	0.01	1.104	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena lempirana	Honduras	Cuyamapa	6/91/01	0.500	0.495						0.008	0.487			
Leucaena lempirana	Honduras	Cuyamapa	6/91/02	0.181	0.176						0.008	0.168			
Leucaena lempirana	Honduras	Cuyamapa	6/91/03	0.135	0.130						0.008	0.122			
Leucaena lempirana	Honduras	Cuyamapa	6/91/04	0.178	0.173						0.008	0.165			
Leucaena lempirana	Honduras	Cuyamapa	6/91/05	0.054	0.049						0.008	0.041			
Leucaena lempirana	Honduras	Cuyamapa	6/91/06	0.062	0.057						0.008	0.049			
Leucaena lempirana	Honduras	Cuyamapa	6/91/07	0.193	0.188						0.008	0.18			
Leucaena lempirana	Honduras	Cuyamapa	6/91/08	0.015	0.010						0.008	0.002			
Leucaena lempirana	Honduras	Cuyamapa	6/91/09	0.155	0.150						0.008	0.142			
Leucaena lempirana	Honduras	Cuyamapa	6/91/10	0.295	0.290						0.008	0.282			
Leucaena lempirana	Honduras	Cuyamapa	6/91/12	0.012	0.007						0.007				
Leucaena lempirana	Honduras	Cuyamapa	6/91/14	0.083	0.078						0.008	0.07			

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Leucaena lempirana	Honduras	Cuyamapa	6/91/15	0.049	0.044						0.008	0.036			
Leucaena lempirana	Honduras	Cuyamapa	6/91/16	0.104	0.099						0.008	0.091			
Leucaena lempirana	Honduras	Cuyamapa	6/91/17	0.074	0.069						0.008	0.061			
Leucaena lempirana	Honduras	Cuyamapa	6/91/18	0.037	0.032						0.008	0.024			
Leucaena lempirana	Honduras	Cuyamapa	6/91/19	0.188	0.183						0.008	0.175			
Leucaena lempirana	Honduras	Cuyamapa	6/91/20	0.089	0.084						0.008	0.076			
Leucaena lempirana	Honduras	Cuyamapa	6/91/21	0.055	0.050						0.008	0.042			
Leucaena lempirana	Honduras	Cuyamapa	6/91/22	0.432	0.427						0.008	0.419			
Leucaena lempirana	Honduras	Cuyamapa	6/91/23	0.503	0.498						0.008	0.49			
Leucaena lempirana	Honduras	Cuyamapa	6/91/24	0.166	0.161						0.008	0.153			
Leucaena lempirana	Honduras	Cuyamapa	6/91/25	0.324	0.319						0.008	0.311			
Leucaena lempirana	Honduras	Cuyamapa	6/91/26	0.220	0.215						0.008	0.207			
Leucaena lempirana	Honduras	Cuyamapa	6/91/27	0.384	0.379						0.008	0.371			
Leucaena lempirana	Honduras	Cuyamapa	6/91/28	0.472	0.467						0.008	0.459			
Leucaena lempirana	Honduras	Cuyamapa	6/91/29	0.294	0.289						0.008	0.281			
Leucaena lempirana	Honduras	Cuyamapa	6/91/30	0.029	0.024						0.008	0.016			
Leucaena lempirana	Honduras	Cuyamapa	6/91/31	0.200	0.195						0.008	0.187			
Leucaena lempirana	Honduras	Cuyamapa	6/91/33	0.241	0.236						0.008	0.228			
Leucaena lempirana	Honduras	Cuyamapa	6/91/34	0.091	0.086						0.008	0.078			
Leucaena lempirana	Honduras	Cuyamapa	6/91/37	0.069	0.064						0.008	0.056			
Leucaena lempirana	Honduras	Cuyamapa	6/91/38	0.087	0.082						0.008	0.074			
Leucaena lempirana	Honduras	Cuyamapa	6/91/39	0.195	0.190						0.008	0.182			
Leucaena lempirana	Honduras	Cuyamapa	6/91/40	0.041	0.036						0.008	0.028			
Leucaena lempirana	Honduras	Cuyamapa	6/91/41	1.218	1.213						0.008	1.205			
Leucaena lempirana	Honduras	Cuyamapa	6/91/42	0.107	0.102						0.008	0.094			
Leucaena lempirana	Honduras	Cuyamapa	6/91/43	0.128	0.123						0.008	0.115			
Leucaena lempirana	Honduras	Cuyamapa	6/91/44	0.069	0.064						0.008	0.056			
Leucaena lempirana	Honduras	Cuyamapa	6/91/45	0.402	0.397						0.008	0.389			
Leucaena lempirana	Honduras	Cuyamapa	6/91/46	0.030	0.025						0.008	0.017			
Leucaena lempirana	Honduras	Cuyamapa	6/91/47	0.495	0.490						0.008	0.482			
Leucaena lempirana	Honduras	Cuyamapa	6/91/48	0.297	0.292						0.008	0.284			
Leucaena lempirana	Honduras	Cuyamapa	6/91/49	0.042	0.037						0.008	0.029			
Leucaena lempirana	Honduras	Cuyamapa	6/91/51	0.252	0.247						0.008	0.239			
Leucaena lempirana	Honduras	Cuyamapa	6/91/52	0.199	0.194						0.008	0.186			
Leucaena lempirana	Honduras	Cuyamapa	6/91/53	0.136	0.131						0.008	0.123			
Leucaena lempirana	Honduras	Cuyamapa	6/91/55	0.415	0.410						0.008	0.402			
Leucaena lempirana	Honduras	Cuyamapa	6/91/56	0.092	0.087						0.008	0.079			

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Leucaena lempirana	Honduras	Cuyamapa	6/91/58	0.484	0.479						0.008	0.471			
Leucaena lempirana	Honduras	Cuyamapa	6/91/59	0.012	0.007						0.007				
Leucaena lempirana	Honduras	Cuyamapa	6/91/60	0.021	0.016						0.008	0.008			
Leucaena lempirana	Honduras	Cuyamapa	6/91/61	0.020	0.015						0.008	0.007			
Leucaena lempirana	Honduras	Cuyamapa	6/91/62	0.032	0.027						0.008	0.019			
Leucaena lempirana	Honduras	Valle del Aguan	5/91	1.185	0.878		20	1996	23000	88	0.009	0.869			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/01	0.351	0.346						0.009	0.337			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/02	0.075	0.070						0.009	0.061			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/03	0.047	0.042						0.009	0.033			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/04	0.473	0.468						0.009	0.459			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/05	0.090	0.085						0.009	0.076			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/06	0.296	0.291						0.009	0.282			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/07	0.252	0.247						0.009	0.238			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/08	0.535	0.530						0.009	0.521			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/09	0.385	0.380						0.009	0.371			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/10	0.196	0.191						0.009	0.182			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/11	0.531	0.526						0.009	0.517			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/12	0.240	0.235						0.009	0.226			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/14	0.322	0.317						0.009	0.308			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/15	0.116	0.111						0.009	0.102			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/16	0.097	0.092						0.009	0.083			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/17	0.266	0.261						0.009	0.252			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/18	0.174	0.169						0.009	0.16			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/19	0.192	0.187						0.009	0.178			
Leucaena lempirana	Honduras	Valle del Aguan	5/91/20	0.177	0.172						0.009	0.163			
Leucaena leucocephala glab	Australia	Mount Cotton	12/95	0.211	0.206			1995	19000	90	0.011	0.195			
Leucaena leucocephala glab	Guatemala	Barillas	139/92	0.124	0.083						0.011	0.072			
Leucaena leucocephala glab	Guatemala	Gualan	44/88	6.710	4.429			1996	16000	89	0.013		4.416		Other=Dr P Gosling-FC Seed Section storage/pre-treatment rese
Leucaena leucocephala glab	Guatemala	Masagua	45/88	3.260	2.173			1996	16000	95	0.013			2.16	
Leucaena leucocephala glab	Haiti	Operation Double Harvest	32/88	10.060	7.250			1996	16000	86	0.013			7.237	
Leucaena leucocephala glab	Honduras	Duyure	19/81		0.129		18	1993			46	0.018		0.111	
Leucaena leucocephala glab	Honduras	Duyure	19/81/01	0.200	0.030				13000		68	0.016		0.014	
Leucaena leucocephala glab	Honduras	Duyure	19/81/02	0.200	0.030				13000		73	0.016		0.014	
Leucaena leucocephala glab	Honduras	Duyure	19/81/03	0.200	0.030				13000		63	0.016		0.014	
Leucaena leucocephala glab	Honduras	Duyure	19/81/04	0.200	0.030				12000		55	0.017		0.013	
Leucaena leucocephala glab	Honduras	Duyure	19/81/05	0.200	0.030				15000		80	0.014		0.016	
Leucaena leucocephala glab	Honduras	Duyure	19/81/06	0.200	0.030				14000		75	0.015		0.015	

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Leucaena leucocephala glat	Honduras	Duyure	19/81/07	0.200	0.030				13000	70	0.016			0.014	
Leucaena leucocephala glat	Honduras	Duyure	19/81/08	0.200	0.030				11000	65	0.01			0.02	
Leucaena leucocephala glat	Honduras	Duyure	19/81/09	0.200	0.030				11000	53	0.01			0.02	
Leucaena leucocephala glat	Honduras	Duyure	19/81/10	0.200	0.030				17000	78	0.012			0.018	
Leucaena leucocephala glat	Honduras	Duyure	19/81/11	0.200	0.033				17000	83	0.012			0.021	
Leucaena leucocephala glat	Honduras	Duyure	19/81/12	0.200	0.033				9100	45	0.022			0.011	
Leucaena leucocephala glat	Honduras	Duyure	19/81/13		0.033				13000	63	0.016			0.017	
Leucaena leucocephala glat	Honduras	Duyure	19/81/14		0.033				9000	35	0.022			0.011	
Leucaena leucocephala glat	Honduras	Duyure	19/81/15	0.200	0.033				11000	53	0.01			0.023	
Leucaena leucocephala glat	Honduras	Duyure	19/81/16	0.200	0.033				14000	83	0.015			0.018	
Leucaena leucocephala glat	Honduras	Duyure	19/81/17	0.200	0.033				7600	28	0.027			0.006	
Leucaena leucocephala glat	Honduras	Duyure	19/81/18	0.200	0.033				14000	63	0.015			0.018	
Leucaena leucocephala glat	Madagascar	Montagne des francais	30/93	0.067	0.026						0.026				
Leucaena leucocephala glat	Mexico	Caitime	145/91	0.091	0.025						0.025				
Leucaena leucocephala glat	Mexico	Cintalapa de Figueroa	136/92	0.471	0.339			1996	28000	83	0.008			0.331	
Leucaena leucocephala glat	Mexico	El Pescadero	91/92	0.018	0.007						0.007				
Leucaena leucocephala glat	Mexico	Empalme	94/92	0.029	0.012						0.012				
Leucaena leucocephala glat	Mexico	Ixmiquilapan	93/92				3								
Leucaena leucocephala glat	Mexico	Ixmiquilapan	93/92/01	0.140	0.135						0.02			0.115	
Leucaena leucocephala glat	Mexico	Ixmiquilapan	93/92/02	0.109	0.104						0.02			0.084	
Leucaena leucocephala glat	Mexico	Ixmiquilapan	93/92/03	0.154	0.149						0.02			0.029	
Leucaena leucocephala glat	Mexico	Lagunita	86/92				10								
Leucaena leucocephala glat	Mexico	Lagunita	86/92/01	0.158	0.153						0.02			0.133	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/02	0.105	0.100						0.02			0.08	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/03	0.212	0.207						0.02			0.187	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/04	0.169	0.164						0.02			0.144	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/05	0.203	0.198						0.02			0.178	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/06	0.161	0.156						0.02			0.136	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/07	0.241	0.236						0.02			0.216	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/08	0.148	0.143						0.02			0.123	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/09	0.139	0.134						0.02			0.114	
Leucaena leucocephala glat	Mexico	Lagunita	86/92/10	0.149	0.144						0.02			0.124	
Leucaena leucocephala glat	Mexico	Loreto	95/92	0.581	0.541			1996	12000	53	0.017			0.524	
Leucaena leucocephala glat	Mexico	Plan del Rio	100/94	0.113	0.058	*					0.058				
Leucaena leucocephala glat	Mexico	Plan del Rio	101/94	0.004	0.004	*					0.004				
Leucaena leucocephala glat	Mexico	Santiago Acatepec	102/94	0.017	0.005						0.005				
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92				10								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/01	0.158	0.153						0.02			0.133	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/02	0.185	0.180						0.02			0.16	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/03	0.152	0.147						0.02			0.127	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/04	0.052	0.047						0.02			0.027	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/05	0.166	0.161						0.02			0.141	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/06	0.037	0.032						0.02			0.012	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/07	0.093	0.088						0.02			0.068	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/08	0.106	0.101						0.02			0.081	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/09	0.117	0.112						0.02			0.092	
Leucaena leucocephala glat	Mexico	Tamazunchale	85/92/10	0.083	0.078						0.02			0.058	
Leucaena leucocephala glat	Mexico	Tecupa	92/92	0.510	0.408			1996	12000	76	0.017			0.391	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92				20								
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/01	0.274	0.269						0.02			0.249	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/02	0.265	0.260						0.02			0.24	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/03	0.040	0.035						0.02			0.015	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/04	0.258	0.253						0.02			0.233	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/05	0.279	0.274						0.02			0.254	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/06	0.261	0.256						0.02			0.236	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/07	0.279	0.274						0.02			0.254	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/08	0.197	0.192						0.02			0.172	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/09	0.339	0.334						0.02			0.314	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/10	0.255	0.250						0.02			0.23	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/11	0.213	0.208						0.02			0.188	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/12	0.234	0.229						0.02			0.209	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/13	0.111	0.106						0.02			0.086	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/14	0.103	0.098						0.02			0.078	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/15	0.494	0.489						0.02			0.469	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/16	0.324	0.319						0.02			0.299	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/17	0.174	0.169						0.02			0.149	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/18	0.111	0.106						0.02			0.086	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/19	0.360	0.355						0.02			0.335	
Leucaena leucocephala glat	Mexico	Teotitlan del Camino	84/92/20	0.311	0.306						0.02			0.286	
Leucaena leucocephala glat	Mexico	Zapotitlan Salinas	121/92	0.073	0.025						0.025				
Leucaena leucocephala glat	USA	LxL (Kunia substation)	8/97	0.500	0.082			1997	17000	100	0.082				
Leucaena leucocephala glat	USA	Waimanalo	74/91	0.021	0.016	*					0.016				
Leucaena leucocephala glat	USA	Waimanalo	2/98	4.700	4.490						0.02	4.47			
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92				7								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92/02	0.024	0.004						0.004				
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92/03	0.024	0.004						0.004				
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92/04	0.025	0.005						0.005				
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92/05	0.030	0.010						0.01				
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	117/92/06	0.007	0.002						0.002				
Leucaena leucocephala ixta	Guatemala	Ixtahuacan	24/91	0.010	0.003						0.003				
Leucaena leucocephala leuc	Mexico	Chetumal	147/92	0.119	0.079						0.02			0.059	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92				10								
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/01	0.168	0.163						0.02			0.143	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/02	0.138	0.133						0.02			0.113	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/03	0.229	0.224						0.02			0.204	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/04	0.150	0.145						0.02			0.125	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/05	0.145	0.140						0.02			0.12	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/06	0.154	0.149						0.02			0.129	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/07	0.190	0.185						0.02			0.165	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/08	0.128	0.123						0.02			0.103	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/09	0.132	0.127						0.02			0.107	
Leucaena leucocephala leuc	Mexico	Francisco Escarcega	80/92/10	0.104	0.099						0.02			0.079	
Leucaena leucocephala leuc	Mexico	Matias Romero	133/92	0.054	0.029						0.029				
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94				10								
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/01	0.239	0.239						0.02			0.219	
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/02	0.048	0.048						0.02			0.028	
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/03	0.008	0.008						0.008				
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/04	0.038	0.038						0.02			0.018	
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/05	0.011	0.011						0.011				
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/06	0.078	0.078						0.02			0.058	
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/07	0.010	0.010						0.01				
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/08	0.023	0.023						0.02			0.003	
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/09	0.014	0.014						0.014				
Leucaena leucocephala leuc	Mexico	Tihautlan	103/94/10	0.012	0.012						0.012				
Leucaena leucocephala leuc	USA	Waimanalo	73/91	0.011	0.006 *						0.006				
Leucaena macrophylla	Mexico	Vallecitos	55/88	1.029	0.120		10	1989	21000	75	0.01	0.11			
Leucaena macrophylla	Mexico	Vallecitos	55/88/01	0.085	0.080						0.01	0.07			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/02	0.148	0.143						0.01	0.133			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/03	0.084	0.079						0.01	0.069			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/04	0.104	0.099						0.01	0.089			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/05	0.062	0.057						0.01	0.047			Only 10 fams - partial bulk of ICRAF material to 55/88

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena macrophylla	Mexico	Vallecitos	55/88/06	0.113	0.108						0.01	0.098			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/07	0.061	0.056						0.01	0.046			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/08	0.082	0.077						0.01	0.067			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/09	0.246	0.241						0.01	0.231			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla	Mexico	Vallecitos	55/88/10	0.157	0.152						0.01	0.142			Only 10 fams - partial bulk of ICRAF material to 55/88
Leucaena macrophylla istme	Mexico	Coyula	39/89	1.695	1.474			1996	37000	85	0.006	1.468			
Leucaena macrophylla istme	Mexico	Matias Romero	132/92	0.077	0.059						0.01	0.049			
Leucaena macrophylla istme	Mexico	San Isidro	47/85	8.185	5.247		20	1996	46000	97	0.005	2	0.01	3.232	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena macrophylla istme	Mexico	San Isidro	47/85/01	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/02	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/03	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/04	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/05	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/06	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/07	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/08	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/09	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/10	0.120	0.113						0.005	0.108			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/11	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/12	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/13	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/14	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/15	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/16	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/17	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/18	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/19	0.120	0.115						0.005	0.11			
Leucaena macrophylla istme	Mexico	San Isidro	47/85/20	0.120	0.115						0.005	0.11			
Leucaena magnifica	Guatemala	Chiquimula	19/84		5.591		25	1996	21000	85	0.01	2.4	0.01	3.171	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena magnifica	Guatemala	Chiquimula	19/84/01	0.160	0.125						0.01	0.115			
Leucaena magnifica	Guatemala	Chiquimula	19/84/02	0.169	0.134						0.01	0.124			
Leucaena magnifica	Guatemala	Chiquimula	19/84/03	0.179	0.142						0.01	0.132			
Leucaena magnifica	Guatemala	Chiquimula	19/84/04	0.179	0.142						0.01	0.132			
Leucaena magnifica	Guatemala	Chiquimula	19/84/05	0.159	0.124						0.01	0.114			
Leucaena magnifica	Guatemala	Chiquimula	19/84/06	0.169	0.134						0.01	0.124			
Leucaena magnifica	Guatemala	Chiquimula	19/84/07	0.161	0.126						0.01	0.116			
Leucaena magnifica	Guatemala	Chiquimula	19/84/08	0.169	0.134						0.01	0.124			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena magnifica	Guatemala	Chiquimula	19/84/09	0.169	0.134						0.01	0.124			
Leucaena magnifica	Guatemala	Chiquimula	19/84/10	0.187	0.150						0.01	0.14			
Leucaena magnifica	Guatemala	Chiquimula	19/84/11	0.208	0.171						0.01	0.161			
Leucaena magnifica	Guatemala	Chiquimula	19/84/12	0.155	0.120						0.01	0.11			
Leucaena magnifica	Guatemala	Chiquimula	19/84/13	0.179	0.142						0.01	0.132			
Leucaena magnifica	Guatemala	Chiquimula	19/84/14	0.172	0.137						0.01	0.127			
Leucaena magnifica	Guatemala	Chiquimula	19/84/15	0.189	0.152						0.01	0.142			
Leucaena magnifica	Guatemala	Chiquimula	19/84/16	0.194	0.157						0.01	0.147			
Leucaena magnifica	Guatemala	Chiquimula	19/84/17	0.252	0.215						0.01	0.205			
Leucaena magnifica	Guatemala	Chiquimula	19/84/18	0.160	0.125						0.01	0.115			
Leucaena magnifica	Guatemala	Chiquimula	19/84/19	0.249	0.212						0.01	0.202			
Leucaena magnifica	Guatemala	Chiquimula	19/84/20	0.169	0.134						0.01	0.124			
Leucaena magnifica	Guatemala	Chiquimula	19/84/21	0.171	0.136						0.01	0.126			
Leucaena magnifica	Guatemala	Chiquimula	19/84/22	0.205	0.168						0.01	0.158			
Leucaena magnifica	Guatemala	Chiquimula	19/84/23	0.156	0.121						0.01	0.111			
Leucaena magnifica	Guatemala	Chiquimula	19/84/24	0.160	0.125						0.01	0.115			
Leucaena magnifica	Guatemala	Chiquimula	19/84/25	0.159	0.124						0.01	0.114			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88	7.640	6.159		30	1996	11000	28	0.019	4.5		1.64	
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/01	0.301	0.291						0.019	0.272			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/02	0.283	0.273						0.019	0.254			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/03	0.301	0.291						0.019	0.272			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/04	0.301	0.291						0.019	0.272			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/05	0.191	0.181						0.019	0.162			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/06	0.306	0.296						0.019	0.277			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/07	0.301	0.291						0.019	0.272			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/08	0.299	0.289						0.019	0.27			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/09	0.300	0.290						0.019	0.271			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/10	0.102	0.092						0.019	0.073			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/11	0.299	0.289						0.019	0.27			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/12	0.298	0.288						0.019	0.263			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/13	0.300	0.290						0.019	0.271			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/14	0.298	0.288						0.019	0.269			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/15	0.299	0.289						0.019	0.27			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/16	0.249	0.239						0.019	0.22			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/17	0.299	0.289						0.019	0.27			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/18	0.301	0.291						0.019	0.272			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/19	0.297	0.287						0.019	0.268			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/20	0.315	0.305						0.019	0.286			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/21	0.308	0.298						0.019	0.279			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/22	0.306	0.296						0.019	0.277			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/23	0.297	0.287						0.019	0.268			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/24	0.201	0.191						0.019	0.172			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/25	0.298	0.288						0.019	0.269			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/26	0.298	0.288						0.019	0.269			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/27	0.302	0.292						0.019	0.273			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/28	0.296	0.286						0.019	0.267			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/29	0.296	0.286						0.019	0.267			
Leucaena magnifica	Guatemala	Quetzaltepeque	58/88/30	0.298	0.288						0.019	0.269			
Leucaena magnifica	USA	Waimanalo	113/91	0.002	0.002	*					0.002				
Leucaena matudae	Mexico	Mezcala	49/87	1.060	0.217		14	1997	10000	81	0.02	0.197			
Leucaena matudae	Mexico	Mezcala	49/87/02	0.133	0.110						0.02	0.09			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/03	0.233	0.210						0.02	0.19			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/04	0.031	0.008						0.008				
Leucaena matudae	Mexico	Mezcala	49/87/05	0.041	0.018						0.018				
Leucaena matudae	Mexico	Mezcala	49/87/07	0.060	0.037						0.02	0.017			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/08	0.050	0.027						0.02	0.007			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/09	0.104	0.081						0.02	0.061			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/10	0.169	0.146						0.02	0.126			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/11	0.137	0.114						0.02	0.094			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/12	0.169	0.146						0.02	0.126			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/13	0.164	0.141						0.02	0.121			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena matudae	Mexico	Mezcala	49/87/14	0.106	0.083						0.02	0.063			Only 10 fams-partial bulk ICRAF family lots into 49/87
Leucaena multicapitula	Costa Rica	Penas Blancas	86/87	0.044	0.006						0.006				
Leucaena multicapitula	Panama	Los Santos	81/87	3.680	1.921		20	1996	30000	82	0.007	1.914			
Leucaena multicapitula	Panama	Los Santos	81/87/01	0.221	0.206						0.007	0.199			
Leucaena multicapitula	Panama	Los Santos	81/87/02	0.158	0.148						0.007	0.141			
Leucaena multicapitula	Panama	Los Santos	81/87/03	0.171	0.161						0.007	0.154			
Leucaena multicapitula	Panama	Los Santos	81/87/04	0.063	0.053						0.007	0.046			
Leucaena multicapitula	Panama	Los Santos	81/87/05	0.162	0.152						0.007	0.145			
Leucaena multicapitula	Panama	Los Santos	81/87/06	0.131	0.121						0.007	0.114			
Leucaena multicapitula	Panama	Los Santos	81/87/07	0.207	0.197						0.007	0.19			
Leucaena multicapitula	Panama	Los Santos	81/87/08	0.582	0.572						0.007	0.565			
Leucaena multicapitula	Panama	Los Santos	81/87/09	0.288	0.278						0.007	0.271			
Leucaena multicapitula	Panama	Los Santos	81/87/10	0.147	0.137						0.007	0.13			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena multicapitula	Panama	Los Santos	81/87/11	0.102	0.092						0.007	0.085			
Leucaena multicapitula	Panama	Los Santos	81/87/12	0.150	0.140						0.007	0.133			
Leucaena multicapitula	Panama	Los Santos	81/87/13	0.192	0.182						0.007	0.175			
Leucaena multicapitula	Panama	Los Santos	81/87/14	0.187	0.177						0.007	0.17			
Leucaena multicapitula	Panama	Los Santos	81/87/15	0.062	0.052						0.007	0.045			
Leucaena multicapitula	Panama	Los Santos	81/87/16	0.090	0.080						0.007	0.073			
Leucaena multicapitula	Panama	Los Santos	81/87/17	0.122	0.112						0.007	0.105			
Leucaena multicapitula	Panama	Los Santos	81/87/18	0.044	0.034						0.007	0.027			
Leucaena multicapitula	Panama	Los Santos	81/87/19	0.157	0.147						0.007	0.14			
Leucaena multicapitula	Panama	Los Santos	81/87/20	0.153	0.143						0.007	0.136			
Leucaena pallida	Australia	Mount Cotton	14/96	1.227	0.383						0.01	0.373			
Leucaena pallida	Australia	Samford	137/94	0.803	0.080			1995	20000	78	0.01	0.07			
Leucaena pallida	Mexico	Guelatao	78/92		0.010		10				0.01				
Leucaena pallida	Mexico	Guelatao	78/92/01	0.040	0.015						0.01			0.005	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/02	0.033	0.008						0.008				
Leucaena pallida	Mexico	Guelatao	78/92/03	0.013	0.003						0.003				
Leucaena pallida	Mexico	Guelatao	78/92/04	0.021	0.011						0.01			0.001	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/05	0.043	0.018						0.01			0.008	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/06	0.118	0.093						0.01			0.083	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/07	0.043	0.018						0.01			0.008	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/08	0.049	0.024						0.01			0.014	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/09	0.086	0.061						0.01			0.051	Only 8 families - bin remainder
Leucaena pallida	Mexico	Guelatao	78/92/10	0.186	0.161						0.01			0.151	Only 8 families - bin remainder
Leucaena pallida	Mexico	Mazapa	44/87	0.106	0.027			1987	6700	35	0.027				
Leucaena pallida	Mexico	Santiago Acatepec	122/92	0.006	0.001						0.001				
Leucaena pallida	Mexico	Santiago Acatepec	92/94	0.168	0.068 *						0.068				
Leucaena pallida	Mexico	Tamazulapan	79/92	1.307	0.045		20	1994	21000	96	0.01	0.035			
Leucaena pallida	Mexico	Tamazulapan	79/92/01	0.098	0.073						0.01	0.063			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/02	0.037	0.012						0.012				
Leucaena pallida	Mexico	Tamazulapan	79/92/03	0.261	0.236						0.01	0.226			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/04	0.140	0.115						0.01	0.105			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/05	0.046	0.021						0.01	0.011			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/06	0.101	0.076						0.01	0.066			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/07	0.049	0.024						0.01	0.014			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/08	0.217	0.192						0.01	0.182			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/09	0.264	0.239						0.01	0.229			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/10	0.061	0.036						0.01	0.026			Bulk ICRAF allocation

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena pallida	Mexico	Tamazulapan	79/92/11	0.177	0.152						0.01	0.142			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/12	0.162	0.137						0.01	0.127			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/13	0.085	0.060						0.01	0.05			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/14	0.174	0.149						0.01	0.139			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/15	0.109	0.084						0.01	0.074			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/16	0.130	0.105						0.01	0.095			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/17	0.081	0.056						0.01	0.046			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/18	0.068	0.043						0.01	0.033			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/19	0.169	0.144						0.01	0.134			Bulk ICRAF allocation
Leucaena pallida	Mexico	Tamazulapan	79/92/20	0.194	0.169						0.01	0.159			Bulk ICRAF allocation
Leucaena pueblana	Mexico	Coxcatlan	34/89	0.121	0.050						0.05				
Leucaena pueblana	Mexico	Tehuacan Valley	125/92	0.084	0.009			1994	4900	37	0.009				
Leucaena pueblana	Mexico	Zapotitlan Salinas	91/94	0.007	0.005 *						0.005				
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87	8.935	5.142		20	1996	27000	84	0.008	2	0.01	3.134	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/01	0.427	0.412						0.008	0.404			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/02	0.420	0.405						0.008	0.397			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/03	0.232	0.217						0.008	0.209			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/04	0.188	0.173						0.008	0.165			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/05	0.342	0.327						0.008	0.319			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/06	0.219	0.204						0.008	0.196			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/07	0.281	0.266						0.008	0.258			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/08	0.429	0.414						0.008	0.406			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/09	0.383	0.368						0.008	0.36			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/10	0.346	0.331						0.008	0.323			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/11	0.265	0.250						0.008	0.242			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/12	0.126	0.111						0.008	0.103			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/13	0.165	0.150						0.008	0.142			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/14	0.243	0.228						0.008	0.22			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/15	0.148	0.133						0.008	0.125			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/16	0.183	0.168						0.008	0.16			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/17	0.308	0.293						0.008	0.285			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/18	0.168	0.153						0.008	0.145			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/19	0.378	0.363						0.008	0.355			
Leucaena pulverulenta	Mexico	Altas Cumbres	83/87/20	0.831	0.816						0.008	0.808			
Leucaena pulverulenta	Mexico	Ejido el Popote	22/86	0.499	0.509		3	1996	28000	81	0.008	0.501			
Leucaena pulverulenta	USA	South Texas	84/87	4.413	3.614		10	1996	44000	85	0.005	2		1.609	
Leucaena pulverulenta	USA	South Texas	84/87/01	0.022	0.011						0.005			0.006	

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Leucaena pulverulenta	USA	South Texas	84/87/02	0.012	0.001						0.001				
Leucaena pulverulenta	USA	South Texas	84/87/04	0.049	0.038						0.005			0.033	
Leucaena pulverulenta	USA	South Texas	84/87/05	0.024	0.013						0.005			0.008	
Leucaena pulverulenta	USA	South Texas	84/87/06	0.059	0.048						0.005			0.043	
Leucaena pulverulenta	USA	South Texas	84/87/07	0.141	0.130						0.005			0.125	
Leucaena pulverulenta	USA	South Texas	84/87/08	0.029	0.018						0.005			0.013	
Leucaena pulverulenta	USA	South Texas	84/87/09	0.026	0.015						0.005			0.01	
Leucaena pulverulenta	USA	South Texas	84/87/10	0.031	0.020						0.005			0.015	
Leucaena retusa	Mexico	Sierra la Encantada	23/86		0.509		10	1996	15000	92	0.013	0.496			
Leucaena retusa	Mexico	Sierra la Encantada	23/86/01	0.322	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/02	0.196	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/03	0.211	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/04	0.238	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/05	0.167	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/06	0.219	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/07	0.146	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/08	0.102	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/09	0.146	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena retusa	Mexico	Sierra la Encantada	23/86/10	0.086	0.041						0.013	0.028			partial bulk of ICRAF material to 23/86
Leucaena salvadorensis	Honduras	Choluteca	100/90				2								
Leucaena salvadorensis	Honduras	Choluteca	100/90/01	0.100	0.095						0.025			0.07	
Leucaena salvadorensis	Honduras	Choluteca	100/90/02	0.100	0.100						0.025			0.075	
Leucaena salvadorensis	Honduras	La Galera	98/90				14								
Leucaena salvadorensis	Honduras	La Galera	98/90/01	0.100	0.095						0.025	0.07			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/02	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/03	0.100	0.095						0.025	0.07			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/04	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/05	0.100	0.095						0.025	0.07			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/06	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/07	0.100	0.095						0.025	0.07			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/08	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/09	0.100	0.095						0.025	0.07			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/10	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/11	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/12	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/13	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90
Leucaena salvadorensis	Honduras	La Galera	98/90/14	0.100	0.100						0.025	0.075			partial bulk of ICRAF material to 98/90

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Leucaena salvadorensis	Honduras	La Garita	36/88	1.725	0.088		30	1997	8600		0.024	0.064			
Leucaena salvadorensis	Honduras	La Garita	36/88/01	0.056	0.056						0.024	0.032			
Leucaena salvadorensis	Honduras	La Garita	36/88/02	0.054	0.054						0.024	0.03			
Leucaena salvadorensis	Honduras	La Garita	36/88/03	0.051	0.051						0.024	0.027			
Leucaena salvadorensis	Honduras	La Garita	36/88/04	0.058	0.058						0.024	0.034			
Leucaena salvadorensis	Honduras	La Garita	36/88/05	0.053	0.053						0.024	0.029			
Leucaena salvadorensis	Honduras	La Garita	36/88/06	0.054	0.054						0.024	0.03			
Leucaena salvadorensis	Honduras	La Garita	36/88/07	0.056	0.056						0.024	0.032			
Leucaena salvadorensis	Honduras	La Garita	36/88/08	0.063	0.063						0.024	0.039			
Leucaena salvadorensis	Honduras	La Garita	36/88/09	0.061	0.061						0.024	0.037			
Leucaena salvadorensis	Honduras	La Garita	36/88/10	0.065	0.065						0.024	0.041			
Leucaena salvadorensis	Honduras	La Garita	36/88/11	0.055	0.055						0.024	0.031			
Leucaena salvadorensis	Honduras	La Garita	36/88/12	0.052	0.052						0.024	0.028			
Leucaena salvadorensis	Honduras	La Garita	36/88/13	0.012	0.012						0.012				
Leucaena salvadorensis	Honduras	La Garita	36/88/15	0.055	0.055						0.024	0.031			
Leucaena salvadorensis	Honduras	La Garita	36/88/18	0.048	0.048						0.024	0.024			
Leucaena salvadorensis	Honduras	La Garita	36/88/22	0.050	0.050						0.024	0.026			
Leucaena salvadorensis	Honduras	La Garita	36/88/24	0.053	0.053						0.024	0.029			
Leucaena salvadorensis	Honduras	La Garita	36/88/25	0.050	0.050						0.024	0.026			
Leucaena salvadorensis	Honduras	La Garita	36/88/26	0.049	0.049						0.024	0.025			
Leucaena salvadorensis	Honduras	La Garita	36/88/27	0.057	0.057						0.024	0.033			
Leucaena salvadorensis	Honduras	La Garita	36/88/28	0.029	0.029						0.024	0.005			
Leucaena salvadorensis	Honduras	La Garita	36/88/30	0.048	0.048						0.024	0.024			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86	8.930	2.264		25	1996	9300	73	0.022	2.242			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/01	0.432	0.399						0.022	0.377			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/02	0.639	0.606						0.022	0.584			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/03	0.683	0.650						0.022	0.628			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/04	0.693	0.660						0.022	0.638			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/05	0.353	0.324						0.022	0.302			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/06	0.307	0.278						0.022	0.256			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/07	0.495	0.462						0.022	0.44			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/08	0.303	0.274						0.022	0.252			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/09	0.418	0.385						0.022	0.363			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/10	0.214	0.176						0.022	0.154			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/11	0.201	0.172						0.022	0.15			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/12	0.461	0.428						0.022	0.406			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/13	0.154	0.125						0.022	0.103			

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Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/14	0.474	0.441						0.022	0.419			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/15	0.190	0.161						0.022	0.139			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/16	0.209	0.180						0.022	0.158			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/17	0.291	0.262						0.022	0.24			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/18	0.230	0.201						0.022	0.179			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/19	0.190	0.156						0.022	0.134			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/20	0.461	0.432						0.022	0.41			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/21	0.348	0.319						0.022	0.297			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/22	0.132	0.103						0.022	0.081			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/23	0.346	0.317						0.022	0.295			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/24	0.279	0.255						0.022	0.233			
Leucaena salvadorensis	Honduras	La Garita Choluteca	17/86/25	0.512	0.484						0.022	0.462			
Leucaena salvadorensis	Honduras	Namali	99/90				4								
Leucaena salvadorensis	Honduras	Namali	99/90/01	0.100	0.095						0.035			0.06	
Leucaena salvadorensis	Honduras	Namali	99/90/02	0.100	0.095						0.035			0.06	
Leucaena salvadorensis	Honduras	Namali	99/90/03	0.100	0.095						0.035			0.06	
Leucaena salvadorensis	Honduras	Namali	99/90/04	0.025	0.020						0.02				
Leucaena salvadorensis	Honduras	Yusguare	34/88	2.840	1.058		18	1996	9800	72	0.021	1.037			
Leucaena salvadorensis	Honduras	Yusguare	34/88/01	0.149	0.135						0.021	0.114			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/02	0.149	0.135						0.021	0.114			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/03	0.132	0.118						0.021	0.097			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/04	0.098	0.084						0.021	0.063			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/05	0.149	0.135						0.021	0.114			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/06	0.149	0.135						0.021	0.114			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/07	0.148	0.138						0.021	0.117			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/08	0.154	0.144						0.021	0.123			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/09	0.155	0.145						0.021	0.124			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/10	0.149	0.139						0.021	0.118			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/11	0.152	0.142						0.021	0.121			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/12	0.118	0.108						0.021	0.087			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/13	0.156	0.146						0.021	0.125			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/14	0.156	0.146						0.021	0.125			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/15	0.151	0.141						0.021	0.12			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/16	0.064	0.054						0.021	0.033			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/17	0.147	0.137						0.021	0.116			Bulk ICRAF allocation
Leucaena salvadorensis	Honduras	Yusguare	34/88/18	0.155	0.145						0.021	0.124			Bulk ICRAF allocation
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91	7.570	5.193		30	1996	8800	86	0.023	5.16	0.01		Other=Dr. P Gosling, Alice Holt Ref Collection

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/01	1.320	1.311						0.023	1.288			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/02	0.666	0.657						0.023	0.634			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/03	0.702	0.693						0.023	0.67			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/04	0.478	0.469						0.023	0.446			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/05	0.251	0.242						0.023	0.219			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/06	1.033	1.024						0.023	1.001			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/07	0.293	0.284						0.023	0.261			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/08	2.084	2.075						0.023	2.052			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/09	0.425	0.416						0.023	0.393			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/10	0.246	0.237						0.023	0.214			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/11	0.408	0.399						0.023	0.376			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/12	0.135	0.126						0.023	0.103			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/13	0.512	0.507						0.023	0.484			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/14	0.109	0.104						0.023	0.081			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/15	0.151	0.146						0.023	0.123			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/16	0.055	0.050						0.023	0.027			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/17	0.753	0.748						0.023	0.725			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/18	0.568	0.563						0.023	0.54			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/19	1.061	1.056						0.023	1.033			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/20	0.807	0.802						0.023	0.779			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/21	0.371	0.366						0.023	0.343			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/22	0.345	0.340						0.023	0.317			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/23	0.688	0.679						0.023	0.656			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/24	0.692	0.683						0.023	0.66			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/25	1.080	1.071						0.023	1.048			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/26	0.548	0.539						0.023	0.516			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/27	0.925	0.916						0.023	0.893			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/28	0.288	0.279						0.023	0.256			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/29	0.292	0.283						0.023	0.26			
Leucaena salvadorensis	Nicaragua	San Juan de Limay	7/91/30	0.216	0.207						0.023	0.184			
Leucaena shannonii	Guatemala	Jutiapa	1/91				25								
Leucaena shannonii	Guatemala	Jutiapa	1/91/01	0.109	0.099						0.008	0.091			
Leucaena shannonii	Guatemala	Jutiapa	1/91/02	0.146	0.141						0.008	0.133			
Leucaena shannonii	Guatemala	Jutiapa	1/91/03	0.254	0.244						0.008	0.236			
Leucaena shannonii	Guatemala	Jutiapa	1/91/04	0.092	0.087						0.008	0.079			
Leucaena shannonii	Guatemala	Jutiapa	1/91/05	0.038	0.033						0.008	0.025			
Leucaena shannonii	Guatemala	Jutiapa	1/91/06	0.070	0.065						0.008	0.057			

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Leucaena shannonii	Guatemala	Jutiapa	1/91/07	0.091	0.086						0.008	0.078			
Leucaena shannonii	Guatemala	Jutiapa	1/91/08	0.133	0.123						0.008	0.115			
Leucaena shannonii	Guatemala	Jutiapa	1/91/09	0.065	0.060						0.008	0.052			
Leucaena shannonii	Guatemala	Jutiapa	1/91/10	0.161	0.156						0.008	0.148			
Leucaena shannonii	Guatemala	Jutiapa	1/91/11	0.191	0.186						0.008	0.178			
Leucaena shannonii	Guatemala	Jutiapa	1/91/12	0.104	0.099						0.008	0.091			
Leucaena shannonii	Guatemala	Jutiapa	1/91/13	0.185	0.175						0.008	0.167			
Leucaena shannonii	Guatemala	Jutiapa	1/91/14	0.083	0.078						0.008	0.07			
Leucaena shannonii	Guatemala	Jutiapa	1/91/15	0.063	0.058						0.008	0.05			
Leucaena shannonii	Guatemala	Jutiapa	1/91/16	0.108	0.103						0.008	0.095			
Leucaena shannonii	Guatemala	Jutiapa	1/91/17	0.143	0.138						0.008	0.13			
Leucaena shannonii	Guatemala	Jutiapa	1/91/18	0.056	0.051						0.008	0.043			
Leucaena shannonii	Guatemala	Jutiapa	1/91/19	0.076	0.071						0.008	0.063			
Leucaena shannonii	Guatemala	Jutiapa	1/91/20	0.191	0.181						0.008	0.173			
Leucaena shannonii	Guatemala	Jutiapa	1/91/21	0.140	0.135						0.008	0.127			
Leucaena shannonii	Guatemala	Jutiapa	1/91/22	0.068	0.063						0.008	0.055			
Leucaena shannonii	Guatemala	Jutiapa	1/91/23	0.099	0.094						0.008	0.086			
Leucaena shannonii	Guatemala	Jutiapa	1/91/24	0.090	0.085						0.008	0.077			
Leucaena shannonii	Guatemala	Jutiapa	1/91/25	0.079	0.074						0.008	0.066			
Leucaena shannonii	Honduras	Comayagua	22/83	2.890	0.007		24		28000	87	0.007				
Leucaena shannonii	Honduras	Comayagua	22/83/01	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/02	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/03	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/04	0.055	0.050						0.007	0.043			
Leucaena shannonii	Honduras	Comayagua	22/83/05	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/06	0.035	0.030						0.007	0.023			
Leucaena shannonii	Honduras	Comayagua	22/83/07	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/08	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/09	0.065	0.060						0.007	0.053			
Leucaena shannonii	Honduras	Comayagua	22/83/10	0.050	0.043						0.007	0.036			
Leucaena shannonii	Honduras	Comayagua	22/83/11	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/12	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/13	0.070	0.063						0.007	0.056			
Leucaena shannonii	Honduras	Comayagua	22/83/14	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/15	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/16	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/17	0.070	0.065						0.007	0.058			

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Leucaena shannonii	Honduras	Comayagua	22/83/18	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/19	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/20	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/21	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/22	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/23	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	22/83/24	0.070	0.065						0.007	0.058			
Leucaena shannonii	Honduras	Comayagua	26/84		2.920			1996	26000	85	0.008		2	0.912	
Leucaena shannonii	Honduras	Santa Rita	141/92	0.371	0.314			1996	30000	89	0.007	0.307			
Leucaena shannonii	Mexico	Champoton	53/87	5.760	4.455		20	1996	35000	96	0.006		2	0.01	2.439 Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena shannonii	Mexico	Champoton	53/87/01	0.241	0.231						0.006	0.225			
Leucaena shannonii	Mexico	Champoton	53/87/02	0.186	0.176						0.006	0.17			
Leucaena shannonii	Mexico	Champoton	53/87/03	0.276	0.266						0.006	0.26			
Leucaena shannonii	Mexico	Champoton	53/87/04	0.288	0.278						0.006	0.272			
Leucaena shannonii	Mexico	Champoton	53/87/05	0.203	0.193						0.006	0.187			
Leucaena shannonii	Mexico	Champoton	53/87/06	0.191	0.009						0.006	0.003			
Leucaena shannonii	Mexico	Champoton	53/87/07	0.225	0.215						0.006	0.209			
Leucaena shannonii	Mexico	Champoton	53/87/08	0.195	0.185						0.006	0.179			
Leucaena shannonii	Mexico	Champoton	53/87/09	0.217	0.207						0.006	0.201			
Leucaena shannonii	Mexico	Champoton	53/87/10	0.246	0.236						0.006	0.23			
Leucaena shannonii	Mexico	Champoton	53/87/11	0.264	0.254						0.006	0.248			
Leucaena shannonii	Mexico	Champoton	53/87/12	0.415	0.405						0.006	0.399			
Leucaena shannonii	Mexico	Champoton	53/87/13	0.218	0.208						0.006	0.202			
Leucaena shannonii	Mexico	Champoton	53/87/14	0.168	0.158						0.006	0.152			
Leucaena shannonii	Mexico	Champoton	53/87/15	0.280	0.270						0.006	0.264			
Leucaena shannonii	Mexico	Champoton	53/87/16	0.356	0.346						0.006	0.34			
Leucaena shannonii	Mexico	Champoton	53/87/17	0.270	0.260						0.006	0.254			
Leucaena shannonii	Mexico	Champoton	53/87/18	0.426	0.416						0.006	0.41			
Leucaena shannonii	Mexico	Champoton	53/87/19	0.338	0.328						0.006	0.322			
Leucaena shannonii	Mexico	Champoton	53/87/20	0.675	0.665						0.006	0.659			
Leucaena shannonii	Mexico	Cintalapa de Figueroa	135/92	0.126	0.087						0.008	0.079			
Leucaena shannonii	Nicaragua	La Puerta	2/91				12								
Leucaena shannonii	Nicaragua	La Puerta	2/91/01	0.056	0.048						0.008	0.04			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/02	0.029	0.024						0.008	0.016			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/03	0.034	0.029						0.008	0.021			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/04	0.037	0.032						0.008	0.024			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/05	0.054	0.046						0.008	0.038			Only 12 fams-partial bulk ICRAF material to 2/91

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Leucaena shannonii	Nicaragua	La Puerta	2/91/06	0.081	0.073						0.008	0.065			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/07	0.151	0.143						0.008	0.135			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/08	0.058	0.053						0.008	0.045			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/09	0.034	0.029						0.008	0.021			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/10	0.100	0.095						0.008	0.087			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/11	0.134	0.129						0.008	0.121			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena shannonii	Nicaragua	La Puerta	2/91/12	0.175	0.167						0.008	0.159			Only 12 fams-partial bulk ICRAF material to 2/91
Leucaena trichandra	Guatemala	Aguacatan	138/92	0.063	0.024						0.024				
Leucaena trichandra	Guatemala	Los Guates	53/88	4.010	-0.050		20	1996	56000	92					
Leucaena trichandra	Guatemala	Los Guates	53/88/01	0.104	0.059						0.005	0.054			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/02	0.106	0.061						0.005	0.056			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/03	0.102	0.057						0.005	0.052			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/04	0.108	0.063						0.005	0.058			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/05	0.106	0.061						0.005	0.056			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/06	0.118	0.073						0.005	0.068			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/07	0.100	0.055						0.005	0.05			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/08	0.097	0.052						0.005	0.047			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/09	0.094	0.049						0.005	0.044			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/10	0.104	0.059						0.005	0.054			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/11	0.039	0.004						0.004				
Leucaena trichandra	Guatemala	Los Guates	53/88/12	0.102	0.057						0.005	0.052			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/13	0.054	0.019						0.005	0.014			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/14	0.108	0.063						0.005	0.058			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/15	0.105	0.060						0.005	0.055			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/16	0.086	0.041						0.005	0.036			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/17	0.110	0.065						0.005	0.06			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/18	0.104	0.059						0.005	0.054			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/19	0.092	0.047						0.005	0.042			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	Los Guates	53/88/20	0.100	0.055						0.005	0.05			Bulk ICRAF allocation
Leucaena trichandra	Guatemala	San Marcos	140/92	0.046	0.019						0.005	0.014			
Leucaena trichandra	Honduras	Copan	3/91		0.095		25	1995	50000	68	0.005	0.09			
Leucaena trichandra	Honduras	Copan	3/91/01	0.064	0.044						0.005	0.039			
Leucaena trichandra	Honduras	Copan	3/91/02	0.081	0.064						0.005	0.059			
Leucaena trichandra	Honduras	Copan	3/91/03	0.061	0.041						0.005	0.036			
Leucaena trichandra	Honduras	Copan	3/91/04	0.044	0.024						0.005	0.019			
Leucaena trichandra	Honduras	Copan	3/91/05	0.093	0.073						0.005	0.068			
Leucaena trichandra	Honduras	Copan	3/91/06	0.063	0.043						0.005	0.038			

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Leucaena trichandra	Honduras	Copan	3/91/07	0.073	0.053						0.005	0.048			
Leucaena trichandra	Honduras	Copan	3/91/08	0.037	0.027						0.005	0.022			
Leucaena trichandra	Honduras	Copan	3/91/09	0.044	0.024						0.005	0.019			
Leucaena trichandra	Honduras	Copan	3/91/10	0.091	0.074						0.005	0.069			
Leucaena trichandra	Honduras	Copan	3/91/11	0.056	0.034						0.005	0.029			
Leucaena trichandra	Honduras	Copan	3/91/12	0.025	0.015						0.005	0.01			
Leucaena trichandra	Honduras	Copan	3/91/13	0.036	0.026						0.005	0.021			
Leucaena trichandra	Honduras	Copan	3/91/14	0.013	0.008						0.005	0.003			
Leucaena trichandra	Honduras	Copan	3/91/15	0.037	0.030						0.005	0.025			
Leucaena trichandra	Honduras	Copan	3/91/16	0.080	0.060						0.005	0.055			
Leucaena trichandra	Honduras	Copan	3/91/17	0.161	0.139						0.005	0.134			
Leucaena trichandra	Honduras	Copan	3/91/18	0.035	0.020						0.005	0.015			
Leucaena trichandra	Honduras	Copan	3/91/19	0.140	0.120						0.005	0.115			
Leucaena trichandra	Honduras	Copan	3/91/20	0.049	0.029						0.005	0.024			
Leucaena trichandra	Honduras	Copan	3/91/21	0.070	0.050						0.005	0.045			
Leucaena trichandra	Honduras	Copan	3/91/22	0.056	0.036						0.005	0.031			
Leucaena trichandra	Honduras	Copan	3/91/23	0.095	0.075						0.005	0.07			
Leucaena trichandra	Honduras	Copan	3/91/24	0.060	0.040						0.005	0.035			
Leucaena trichandra	Honduras	Copan	3/91/25	0.105	0.085						0.005	0.08			
Leucaena trichandra	Honduras	Erandique	4/91	0.803	0.017		25	1991	20000	48	0.01			0.007	
Leucaena trichandra	Honduras	Erandique	4/91/01	0.099	0.059						0.01	0.049			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/03	0.092	0.062						0.01	0.052			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/04	0.056	0.026						0.01	0.016			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/05	0.105	0.065						0.01	0.055			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/06	0.074	0.044						0.01	0.034			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/07	0.149	0.109						0.01	0.099			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/08	0.045	0.015						0.01	0.005			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/09	0.049	0.019						0.01	0.009			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/11	0.053	0.023						0.01	0.013			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/13	0.041	0.011						0.011				
Leucaena trichandra	Honduras	Erandique	4/91/14	0.059	0.029						0.01	0.019			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/15	0.076	0.046						0.01	0.036			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/16	0.059	0.029						0.01	0.019			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/17	0.057	0.027						0.01	0.017			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/18	0.108	0.078						0.01	0.068			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/19	0.060	0.030						0.01	0.02			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/20	0.074	0.044						0.01	0.034			Bulk ICRAF allocation

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena trichandra	Honduras	Erandique	4/91/22	0.048	0.018						0.01	0.008			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Erandique	4/91/23	0.045	0.015						0.01	0.005			Bulk ICRAF allocation
Leucaena trichandra	Honduras	Zambrano	35/88	0.770	0.109		10	1996	55000	71	0.005	0.104			
Leucaena trichandra	Honduras	Zambrano	35/88/01	0.025	0.017						0.005	0.012			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/02	0.025	0.017						0.005	0.012			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/03	0.128	0.120						0.005	0.115			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/04	0.075	0.067						0.005	0.062			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/05	0.080	0.072						0.005	0.067			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/06	0.043	0.035						0.005	0.03			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/07	0.036	0.028						0.005	0.023			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/08	0.040	0.032						0.005	0.027			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/09	0.059	0.051						0.005	0.046			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Honduras	Zambrano	35/88/10	0.043	0.035						0.005	0.03			Only 10 fams-partial bulk ICRAF material to 35/88
Leucaena trichandra	Kenya	Machakos (ex Los Guate	6/98	11.000	11.000							11			
Leucaena trichandra	Mexico	Guelatao	131/92	0.034	0.007						0.007				
Leucaena trichandra	Mexico	La Trinitaria	137/92	0.037	0.008						0.008				
Leucaena trichandra	Mexico	Oaxaca	128/92	0.041	0.014						0.014				
Leucaena trichodes	Ecuador	Jipijapa	61/88	8.155	4.082		30	1996	30000	95	0.007	2	0.01	2.065	Other=Dr. P Gosling, Alice Holt Ref Collection
Leucaena trichodes	Ecuador	Jipijapa	61/88/01	0.284	0.279						0.007	0.272			
Leucaena trichodes	Ecuador	Jipijapa	61/88/02	0.213	0.208						0.007	0.201			
Leucaena trichodes	Ecuador	Jipijapa	61/88/03	0.580	0.575						0.007	0.568			
Leucaena trichodes	Ecuador	Jipijapa	61/88/04	0.576	0.571						0.007	0.564			
Leucaena trichodes	Ecuador	Jipijapa	61/88/05	0.677	0.672						0.007	0.665			
Leucaena trichodes	Ecuador	Jipijapa	61/88/06	0.813	0.808						0.007	0.801			
Leucaena trichodes	Ecuador	Jipijapa	61/88/07	0.758	0.753						0.007	0.746			
Leucaena trichodes	Ecuador	Jipijapa	61/88/08	0.735	0.730						0.007	0.723			
Leucaena trichodes	Ecuador	Jipijapa	61/88/09	0.207	0.202						0.007	0.195			
Leucaena trichodes	Ecuador	Jipijapa	61/88/10	0.425	0.420						0.007	0.413			
Leucaena trichodes	Ecuador	Jipijapa	61/88/11	0.686	0.681						0.007	0.674			
Leucaena trichodes	Ecuador	Jipijapa	61/88/12	0.765	0.760						0.007	0.753			
Leucaena trichodes	Ecuador	Jipijapa	61/88/13	0.308	0.303						0.007	0.296			
Leucaena trichodes	Ecuador	Jipijapa	61/88/14	0.763	0.758						0.007	0.751			
Leucaena trichodes	Ecuador	Jipijapa	61/88/15	0.380	0.375						0.007	0.368			
Leucaena trichodes	Ecuador	Jipijapa	61/88/16	0.536	0.531						0.007	0.524			
Leucaena trichodes	Ecuador	Jipijapa	61/88/17	0.549	0.544						0.007	0.537			
Leucaena trichodes	Ecuador	Jipijapa	61/88/18	0.155	0.150						0.007	0.143			
Leucaena trichodes	Ecuador	Jipijapa	61/88/19	0.335	0.330						0.007	0.323			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Leucaena trichodes	Ecuador	Jipijapa	61/88/20	0.251	0.246						0.007	0.239			
Leucaena trichodes	Ecuador	Jipijapa	61/88/21	0.725	0.720						0.007	0.713			
Leucaena trichodes	Ecuador	Jipijapa	61/88/22	0.615	0.610						0.007	0.603			
Leucaena trichodes	Ecuador	Jipijapa	61/88/23	0.309	0.304						0.007	0.297			
Leucaena trichodes	Ecuador	Jipijapa	61/88/24	0.717	0.712						0.007	0.705			
Leucaena trichodes	Ecuador	Jipijapa	61/88/25	0.389	0.384						0.007	0.377			
Leucaena trichodes	Ecuador	Jipijapa	61/88/26	0.476	0.471						0.007	0.464			
Leucaena trichodes	Ecuador	Jipijapa	61/88/27	0.304	0.299						0.007	0.292			
Leucaena trichodes	Ecuador	Jipijapa	61/88/28	0.448	0.443						0.007	0.436			
Leucaena trichodes	Ecuador	Jipijapa	61/88/29	0.769	0.764						0.007	0.757			
Leucaena trichodes	Ecuador	Jipijapa	61/88/30	0.337	0.332						0.007	0.325			
Leucaena trichodes	Venezuela	Cuicas	2/86	8.650	6.593		20	1996	17000	86	0.012	3		3.581	
Leucaena trichodes	Venezuela	Cuicas	2/86/01	0.189	0.176						0.012	0.164			
Leucaena trichodes	Venezuela	Cuicas	2/86/02	0.212	0.199						0.012	0.187			
Leucaena trichodes	Venezuela	Cuicas	2/86/03	0.147	0.134						0.012	0.122			
Leucaena trichodes	Venezuela	Cuicas	2/86/04	0.140	0.130						0.012	0.118			
Leucaena trichodes	Venezuela	Cuicas	2/86/05	0.137	0.127						0.012	0.115			
Leucaena trichodes	Venezuela	Cuicas	2/86/06	0.056	0.046						0.012	0.034			
Leucaena trichodes	Venezuela	Cuicas	2/86/07	0.241	0.228						0.012	0.216			
Leucaena trichodes	Venezuela	Cuicas	2/86/08	0.263	0.250						0.012	0.238			
Leucaena trichodes	Venezuela	Cuicas	2/86/09	0.271	0.258						0.012	0.246			
Leucaena trichodes	Venezuela	Cuicas	2/86/10	0.200	0.187						0.012	0.175			
Leucaena trichodes	Venezuela	Cuicas	2/86/11	0.253	0.240						0.012	0.228			
Leucaena trichodes	Venezuela	Cuicas	2/86/12	0.298	0.285						0.012	0.273			
Leucaena trichodes	Venezuela	Cuicas	2/86/13	0.151	0.138						0.012	0.126			
Leucaena trichodes	Venezuela	Cuicas	2/86/14	0.111	0.101						0.012	0.089			
Leucaena trichodes	Venezuela	Cuicas	2/86/15	0.125	0.115						0.012	0.103			
Leucaena trichodes	Venezuela	Cuicas	2/86/16	0.112	0.102						0.012	0.09			
Leucaena trichodes	Venezuela	Cuicas	2/86/17	0.131	0.121						0.012	0.109			
Leucaena trichodes	Venezuela	Cuicas	2/86/18	0.143	0.133						0.012	0.121			
Leucaena trichodes	Venezuela	Cuicas	2/86/19	0.094	0.084						0.012	0.072			
Leucaena trichodes	Venezuela	Cuicas	2/86/20	0.113	0.103						0.012	0.091			
Leucaena xspontanea	Guatemala	Barillas	148/92	0.005	0.002						0.002				
Leucaena xspontanea	Mexico	Jalcomulco	97/94	0.044	0.019	*					0.019				
Leucaena xspontanea	Mexico	Plan del Rio	98/94	0.331	0.274			1995	14000	23	0.015	0.259			
Leucaena xspontanea	Mexico	Plan del Rio	99/94	0.155	0.110			1995	21000	53	0.01	0.1			
Leucaena xspontanea	USA	Waimanalo	3/95	0.063	0.028						0.01	0.018			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Lonchocarpus andreuxii	Mexico	Guadalupe Allende	50/94	0.476	0.476	*					0.476				
Lonchocarpus castilloi	Guatemala	Lago Peten Itza	16/89	0.016	0.006						0.006				
Lonchocarpus caudatus	Mexico	Santiago Lachiguiri	36/89	0.208	0.193						0.193				
Lonchocarpus emarginatus	Mexico	Presa Benito Juarez	35/89	0.127	0.112						0.112				
Lonchocarpus guatemalensis	El Salvador	El Congo	6/89	0.371	0.356						0.356				
Lonchocarpus hidalgensis	Mexico	Lagunita	98/92	0.119	0.104						0.104				
Lonchocarpus hughesii	Honduras	Comayagua	142/92	0.009	0.002						0.002				
Lonchocarpus lanceolatus	Mexico	Buenos Aires	144/92	0.032	0.017						0.017				
Lonchocarpus lanceolatus	Mexico	San Marcos	160/92	0.106	0.101						0.101				
Lonchocarpus minimiflorus	Guatemala	La Fragua	15/89	0.014	0.004						0.004				
Lonchocarpus morenii	Nicaragua	Esteli	26/91	0.016	0.003						0.003				
Lonchocarpus obovatus	Mexico	Santiago Chazumba	51/94	0.069	0.069	*					0.069				
Lonchocarpus phaseolifolius	El Salvador	Ostua	7/89	0.023	0.018						0.018				
Lonchocarpus phaseolifolius	Honduras	Arenal	25/91	0.264	0.236			1991	5900		0.236				
Lonchocarpus phlebophyllus	Guatemala	El Carrizal	39/88	0.152	0.099						0.099				
Lonchocarpus rugosus apric	Honduras	Agua Fria	40/88	0.017	0.003						0.003				
Lonchocarpus santarosanus	El Salvador	Izalco	5/89	0.198	0.183						0.183				
Lonchocarpus sp	Mexico	Tonichi	99/92	0.141	0.126						0.126				
Lonchocarpus spectabilis	Mexico	Bia de Ayala	59/88	0.220	0.156			1988	3800		0.22				
Lysiloma acapulcensis	Honduras	Valle de Otoro	23/83		-0.010		25	1984	19000						
Lysiloma divaricatum	Mexico	San Pedro	100/92	0.014	0.013						0.013				
Lysiloma tergemina	Mexico	Aratichanguia	52/94	0.167	0.147	*					0.147				
Machaerium sp	El Salvador	El Zonte	8/89	0.248	0.233						0.233				
Microlobius foetida	Honduras	Comayagua	143/92	0.067	0.056						0.056				
Microlobius foetida	Mexico	Chilpancingo	159/92	0.458	0.438						0.428		0.01		Other=Dr. P Gosling, Alice Holt Ref Collection
Mimosa tenuiflora	Honduras	Comayagua	24/83	4.340	0.490		25		42000		0.005		0.01	0.475	Other=Dr. P Gosling, Alice Holt Ref Collection
Myrospermum frutescens	Nicaragua	Boaco	32/84		0.500			1984	5400		0.037		0.04	0.423	Other=Dr. P Gosling, Alice Holt Ref Collection
Myrospermum frutescens	Nicaragua	Sebaco	32/83	3.080	0.500			1983	6600		0.031			0.469	
Peltogyne mexicana	Mexico	Acahuitzotla	154/92	0.123	0.073						0.073				
Peltophorum dubium	Mexico	Frontera Comalapa	115/92	0.040	0.004						0.004				
Phyllocarpus septentrionalis	Guatemala	Zacapa	48/85	0.246	0.083				1100		0.083				
Piptadenia obliqua	Mexico	Arroyo Seco	158/92	0.033	0.022						0.022				
Piptadenia viridiflora	Mexico	Villa Acala	116/92	0.012	0.003						0.003				
Piscidia mollis	Mexico	Hermosillo	101/92	0.055	0.050						0.05				
Pithecellobium dulce	Honduras	La Paz	63/87	6.960	4.708			1993			0.022			4.686	
Pithecellobium dulce	Nicaragua	San Ramon	11/82				18	1982	9000						
Poeppigia procera	Guatemala	El Florida	79/93				4								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Poeppigia procera	Guatemala	El Florida	79/93/01	0.037	0.032						0.032				
Poeppigia procera	Guatemala	El Florida	79/93/02	0.043	0.038						0.038				
Poeppigia procera	Guatemala	El Florida	79/93/03	0.051	0.051						0.051				
Poeppigia procera	Guatemala	El Florida	79/93/04	0.018	0.018						0.018				
Prosopis juliflora	Colombia	Cali	20/82	1.130	0.026			1984	25600		0.026				
Prosopis juliflora	Costa Rica	Santa Rosa	11/84		0.019			1984	27000		0.019				
Prosopis juliflora	Honduras	Choluteca	22/81				26								Discarded previously-never extracted from pods
Prosopis juliflora	Honduras	Comayagua	49/83		0.049 *		29		24000		0.049				
Prosopis juliflora	Honduras	Comayagua	49/83/01	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/02	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/03	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/04	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/05	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/06	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/07	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/08	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/09	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/10	0.030	0.025						0.008			0.017	
Prosopis juliflora	Honduras	Comayagua	49/83/11	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/12	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/13	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/14	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/15	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/16	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/17	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/18	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/19	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/20	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/21	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/22	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/23	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/24	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/25	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/26	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/27	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/28	0.030	0.030						0.008			0.022	
Prosopis juliflora	Honduras	Comayagua	49/83/29	0.030	0.030						0.008			0.022	

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Prosopis juliflora	Honduras	Comayagua	64/87	2.970	1.376			1987	25300					1.376	
Prosopis juliflora	Panama	Playa de Veracruz	15/82	0.634	0.003			1983	20000		0.003				
Prosopis laevigata	Mexico	Tacupa	78/93				3								
Prosopis sp	Bolivia	Cochabamba	10/80	0.200	0.196									0.196	
Prosopis sp	Bolivia	Santa Cruz	1/81	0.410	0.405			1981	5800					0.405	
Prosopis sp	Bolivia	Tarija	6/80	2.445	2.143									2.143	
Prosopis sp	Bolivia	Tarija	9/80	0.050	0.050									0.05	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88	4.800	4.654		15	1988	27000		0.008	2	0.01	2.636	Other=Dr P.Gosling-Alice Holt ref. collection
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/01	0.312	0.302									0.302	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/02	0.391	0.381									0.381	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/03	0.358	0.348									0.348	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/04	0.364	0.354									0.354	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/05	0.268	0.258									0.258	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/06	0.449	0.439									0.439	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/07	0.415	0.405									0.405	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/08	0.174	0.164									0.164	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/09	0.132	0.122									0.122	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/10	0.198	0.188									0.188	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/11	0.292	0.282									0.282	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/12	0.369	0.359									0.359	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/13	0.513	0.503									0.503	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/14	0.488	0.478									0.478	
Pseudosamanea guachapeli	Ecuador	Tosagua	63/88/15	0.343	0.333									0.333	
Pseudosamanea guachapeli	Guatemala	Motagua Valley	43/88	1.475	1.405			1988	23000		0.009	1.396			
Pseudosamanea guachapeli	Guatemala	Motagua Valley	56/87	4.990	3.156			1987	22700			2		1.156	
Pseudosamanea guachapeli	Honduras	Comayagua	68/87	4.970	4.648			1987	22900		0.009	2.2		2.439	
Pseudosamanea guachapeli	Honduras	Pespire	14/89	1.748	1.701			1989	24000		0.009	1.692			
Pterocarpus sp	Mexico	Pinotepa Nacional	37/89	0.003	0.003						0.003				
Ramirezella spp.	Mexico	Tierra Colorada	161/92	0.010	0.010						0.01				
Samanea saman	Colombia	Palermo	31/88	0.334	0.310			1988	4100		0.049	0.261			
Samanea saman	Colombia	Poldanillo valle	29/88	0.336	0.256			1988	3400		0.058	0.198			
Samanea saman	Colombia	Poldanillo valle	30/88	0.519	0.488			1988	2300			0.488			
Samanea saman	Honduras	Choluteca	69/87	10.970	6.627			1987	4900		0.041	6.586			
Samanea saman	Honduras	La Galera	38/89	9.995	9.256			1989	2700		0.075	9.106	0.075		Other=Dr P.Gosling-Alice Holt ref. collection
Schizolobium parahybum	Mexico	Maria Oscura	57/94	0.256	0.180						0.18				
Schleinitzia novo-guineensis	Solomon Islar	Munda	57/84	0.025	0.015						0.015				
Senna atomaria	Honduras	Comayagua	25/83	4.770	0.955		30	1983	35000		0.006	0.949			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES	
Senna atomaria	Honduras	Comayagua	25/83/01	0.075	0.075								0.01	0.065	Other=Dr P.Gosling-Alice Holt ref. collection	
Senna atomaria	Honduras	Comayagua	25/83/02	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/03	0.025	0.025									0.025		
Senna atomaria	Honduras	Comayagua	25/83/04	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/05	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/06	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/07	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/08	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/09	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/10	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/11	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/12	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/13	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/14	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/15	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/16	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/17	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/18	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/19	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/20	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/21	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/22	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/23	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/24	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/25	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/26	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/27	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/28	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/29	0.075	0.075									0.075		
Senna atomaria	Honduras	Comayagua	25/83/30	0.075	0.075									0.075		
Sesbania grandiflora	Guatemala	Llanas de la Fragua	87/93	1.000	0.026						0.026					
Sesbania grandiflora	Unknown	Unknown	18/86	0.060	0.005				16000						0.005	
Sesbania sesban	Malawi	Mwanza River	29/93	0.123	0.108						0.108					
Sesbania sesban	Pakistan	Severi	80/87	1.165	1.048						0.048	1				
Sophora secundiflora	Mexico	Cuesta Blanca	102/92	0.063	0.063						0.063					
SN=Seed No-used for small seedlots, where SN column has *, instead of a weight in weight column, # in that column is # of seeds																
											total weight, kg	24.9	370.8	7.7	187.4	
											no seedlots	1461	1355	42	456	

Distribution of African Acacias															
SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORI	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia abyssinica	Zimbabwe	MAN-Manicaland-7	185/87		0.020									0.02	may not exist at Alice Holt
Acacia abyssinica	Zimbabwe	Punch Rock	39/90	0.436	0.416					0.02	0.376				
Acacia angustissima	El Salvador	Volcan Salvador	70/93	0.536	0.048		1993	64000	55	0.004	0.040		0.004		
Acacia angustissima	Guatemala	Guatemala City	37/88	0.544	0.290		1988	73000	60	0.003	0.284		0.003		
Acacia angustissima	Guatemala	San Marcos	65/92	1.482	0.662		1992	47000	54	0.005	0.652		0.005		
Acacia angustissima	Honduras	Cerro Uyuca	38/88	0.048	0.009		1988	75000	60	0.006			0.003		
Acacia angustissima	Mexico	Chilon	67/92	1.705	0.923			19000	12	0.011				0.892	Low germination
Acacia angustissima	Mexico	La Paz	105/92	0.009	0.009					0.005			0.004		
Acacia angustissima	Mexico	Putla de Guerrero	68/92	1.679	0.958		1992	48000	64	0.004	0.950		0.004		
Acacia angustissima	Mexico	Tuxtepec	66/92	2.060	1.327		1992	133000	92	0.002	1.323		0.002		
Acacia arenaria	Zimbabwe	Umguza	20/90	4.960	4.580		1990	25000	82	0.008	2.000	2.564	0.008		
Acacia auriculiformis	Papua New G	Balamuk	66/85	0.030	0.020										
Acacia bussei	Somalia	Bay Region	108/87	0.020	0.014					0.01					
Acacia caven	Bolivia	Tarija	5/80	2.265	3.429		1980	7500	92	0.02	2.000	1.369	0.02		
Acacia caven	Guatemala	La Reforma	41/92	0.001	0.001					0.001					
Acacia deamii	Guatemala	Morazan Progreso	55/87	1.885	1.772		1987	23300	90	0.009	1.754		0.009		
Acacia deamii	Guatemala	Zacapa	8/83	4.280	0.036		1983	26000	87	0.008	0.020		0.008		
Acacia deamii	Honduras	Comayagua	23/81		0.500	15		24900	88	0.008	0.484		0.008		
Acacia drepanolobium	Tanzania	Chalinse	12/92	0.059	0.042		1992	24000	96	0.022			0.02		
Acacia erioloba	Botswana	Shorobe	169/92	2.980	0.549	51	1997	3100	94	0.065	0.484				
Acacia erioloba	Botswana	Shorobe	169/92/01	0.508	0.398					0.065	0.333				
Acacia erioloba	Botswana	Shorobe	169/92/02	0.348	0.238						0.238				
Acacia erioloba	Botswana	Shorobe	169/92/03	0.106	0.106					0.065	0.041				
Acacia erioloba	Botswana	Shorobe	169/92/04	0.405	0.295						0.295				
Acacia erioloba	Botswana	Shorobe	169/92/05	0.501	0.391					0.065	0.326				
Acacia erioloba	Botswana	Shorobe	169/92/06	0.254	0.254						0.254				
Acacia erioloba	Botswana	Shorobe	169/92/07	0.535	0.425					0.065	0.360				
Acacia erioloba	Botswana	Shorobe	169/92/08	0.517	0.407						0.407				
Acacia erioloba	Botswana	Shorobe	169/92/09	0.554	0.444					0.065	0.379				
Acacia erioloba	Botswana	Shorobe	169/92/10	0.463	0.353						0.353				
Acacia erioloba	Botswana	Shorobe	169/92/11	0.463	0.353					0.065	0.288				
Acacia erioloba	Botswana	Shorobe	169/92/12	0.150	0.150						0.150				
Acacia erioloba	Botswana	Shorobe	169/92/13	0.577	0.467					0.065	0.402				
Acacia erioloba	Botswana	Shorobe	169/92/14	0.503	0.393						0.393				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Botswana	Shorobe	169/92/15	0.464	0.354					0.065	0.289				
Acacia erioloba	Botswana	Shorobe	169/92/16	0.516	0.406						0.406				
Acacia erioloba	Botswana	Shorobe	169/92/17	0.296	0.296					0.065	0.231				
Acacia erioloba	Botswana	Shorobe	169/92/18	0.439	0.329						0.329				
Acacia erioloba	Botswana	Shorobe	169/92/19	0.438	0.328					0.065	0.263				
Acacia erioloba	Botswana	Shorobe	169/92/20	0.531	0.421						0.421				
Acacia erioloba	Botswana	Shorobe	169/92/21	0.514	0.404					0.065	0.339				
Acacia erioloba	Botswana	Shorobe	169/92/22	0.504	0.394						0.394				
Acacia erioloba	Botswana	Shorobe	169/92/23	0.573	0.463					0.065	0.398				
Acacia erioloba	Botswana	Shorobe	169/92/24	0.501	0.391					0.065	0.326				
Acacia erioloba	Botswana	Shorobe	169/92/25	0.089	0.089						0.089				
Acacia erioloba	Botswana	Shorobe	169/92/26	0.164	0.164						0.164				
Acacia erioloba	Botswana	Shorobe	169/92/28	0.232	0.232					0.065	0.167				
Acacia erioloba	Botswana	Shorobe	169/92/29	0.519	0.409						0.409				
Acacia erioloba	Botswana	Shorobe	169/92/30	0.347	0.347					0.065	0.282				
Acacia erioloba	Botswana	Shorobe	169/92/31	0.164	0.164						0.164				
Acacia erioloba	Botswana	Shorobe	169/92/32	0.284	0.284					0.065	0.219				
Acacia erioloba	Botswana	Shorobe	169/92/33	0.571	0.461						0.461				
Acacia erioloba	Botswana	Shorobe	169/92/34	0.505	0.395					0.065	0.330				
Acacia erioloba	Botswana	Shorobe	169/92/35	0.246	0.246						0.246				
Acacia erioloba	Botswana	Shorobe	169/92/36	0.490	0.380					0.065	0.315				
Acacia erioloba	Botswana	Shorobe	169/92/37	0.223	0.223						0.223				
Acacia erioloba	Botswana	Shorobe	169/92/38	0.213	0.213					0.065	0.148				
Acacia erioloba	Botswana	Shorobe	169/92/39	0.096	0.096						0.096				
Acacia erioloba	Botswana	Shorobe	169/92/40	0.603	0.493					0.065	0.428				
Acacia erioloba	Botswana	Shorobe	169/92/41	0.063	0.063						0.063				
Acacia erioloba	Botswana	Shorobe	169/92/42	0.239	0.239					0.065	0.174				
Acacia erioloba	Botswana	Shorobe	169/92/43	0.092	0.092						0.092				
Acacia erioloba	Botswana	Shorobe	169/92/44	0.071	0.071						0.071				
Acacia erioloba	Botswana	Shorobe	169/92/45	0.208	0.208					0.065	0.143				
Acacia erioloba	Botswana	Shorobe	169/92/46	0.180	0.180					0.065	0.115				
Acacia erioloba	Botswana	Shorobe	169/92/47	0.160	0.160						0.160				
Acacia erioloba	Botswana	Shorobe	169/92/48	0.127	0.127					0.065	0.062				
Acacia erioloba	Botswana	Shorobe	169/92/49	0.107	0.107						0.107				
Acacia erioloba	Botswana	Shorobe	169/92/50	0.065	0.065					0.065					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Botswana	Shorobe	169/92/51	0.113	0.113						0.113				
Acacia erioloba	Namibia	Dordabis	142/94		0.842	25				0.21	0.632				
Acacia erioloba	Namibia	Dordabis	142/94/01	0.292	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/02	0.207	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/03	0.114	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/04	0.083	0.083					0.083					
Acacia erioloba	Namibia	Dordabis	142/94/05	0.202	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/06	0.123	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/07	0.259	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/08	0.306	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/09	0.109	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/10	0.248	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/11	0.193	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/12	0.228	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/13	0.303	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/14	0.249	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/15	0.133	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/16	0.258	0.100		1995	950	67	0.100					
Acacia erioloba	Namibia	Dordabis	142/94/17	0.133	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/18	0.305	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/19	0.095	0.095					0.095					
Acacia erioloba	Namibia	Dordabis	142/94/20	0.112	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/21	0.161	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/22	0.077	0.077					0.077					
Acacia erioloba	Namibia	Dordabis	142/94/23	0.249	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/24	0.233	0.100					0.100					
Acacia erioloba	Namibia	Dordabis	142/94/25	0.091	0.091					0.091					
Acacia erioloba	Namibia	Hoarusib River	144/94/01	0.193	0.193					0.06	0.133				
Acacia erioloba	Namibia	Hoarusib River	144/94/02	0.134	0.134					0.06	0.074				
Acacia erioloba	Namibia	Hoarusib River	144/94/03	0.120	0.120					0.06	0.060				
Acacia erioloba	Namibia	Hoarusib River	144/94/04	0.186	0.186					0.06	0.126				
Acacia erioloba	Namibia	Hoarusib River	144/94/05	0.123	0.123					0.06	0.063				
Acacia erioloba	Namibia	Hoarusib River	144/94/06	0.261	0.236		1995	3400	98	0.06	0.176				
Acacia erioloba	Namibia	Hoarusib River	144/94/07	0.180	0.180					0.06	0.120				
Acacia erioloba	Namibia	Hoarusib River	144/94/08	0.205	0.205					0.06	0.145				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Namibia	Hoarusib River	144/94/09	0.164	0.164					0.06	0.104				
Acacia erioloba	Namibia	Hoarusib River	144/94/10	0.301	0.301					0.06	0.241				
Acacia erioloba	Namibia	Hoarusib River	144/94/11	0.155	0.155					0.06	0.095				
Acacia erioloba	Namibia	Hoarusib River	144/94/12	0.279	0.279					0.06	0.219				
Acacia erioloba	Namibia	Hoarusib River	144/94/13	0.067	0.067					0.06	0.007				
Acacia erioloba	Namibia	Hoarusib River	144/94/14	0.113	0.113					0.06	0.053				
Acacia erioloba	Namibia	Hoarusib River	144/94/15	0.139	0.139					0.06	0.079				
Acacia erioloba	Namibia	Hoarusib River	144/94/16	0.130	0.130					0.06	0.070				
Acacia erioloba	Namibia	Hoarusib River	144/94/17	0.091	0.091					0.06	0.031				
Acacia erioloba	Namibia	Hoarusib River	144/94/18	0.237	0.237					0.06	0.177				
Acacia erioloba	Namibia	Hoarusib River	144/94/19	0.255	0.255					0.06	0.195				
Acacia erioloba	Namibia	Hoarusib River	144/94/20	0.159	0.159					0.06	0.099				
Acacia erioloba	Namibia	Hoarusib River	144/94/21	0.233	0.233					0.06	0.173				
Acacia erioloba	Namibia	Hoarusib River	144/94/22	0.140	0.140					0.06	0.080				
Acacia erioloba	Namibia	Hoarusib River	144/94/23	0.229	0.229					0.06	0.169				
Acacia erioloba	Namibia	Hoarusib River	144/94/24	0.240	0.240					0.06	0.180				
Acacia erioloba	Namibia	Hoarusib River	144/94/25	0.174	0.174					0.06	0.114				
Acacia erioloba	Namibia	Onankali	159/87		0.006					0.006					may not exist at Alice Holt
Acacia erioloba	Namibia	Sossus Vley	143/94/01	0.298	0.298					0.08	0.218				
Acacia erioloba	Namibia	Sossus Vley	143/94/02	0.185	0.185					0.08	0.105				
Acacia erioloba	Namibia	Sossus Vley	143/94/03	0.291	0.291					0.08	0.211				
Acacia erioloba	Namibia	Sossus Vley	143/94/04	0.241	0.241					0.08	0.161				
Acacia erioloba	Namibia	Sossus Vley	143/94/05	0.282	0.257		1995	2500	93	0.08	0.177				
Acacia erioloba	Namibia	Sossus Vley	143/94/06	0.186	0.186					0.08	0.106				
Acacia erioloba	Namibia	Sossus Vley	143/94/07	0.318	0.318					0.08	0.238				
Acacia erioloba	Namibia	Sossus Vley	143/94/08	0.206	0.206					0.08	0.126				
Acacia erioloba	Namibia	Sossus Vley	143/94/09	0.191	0.191					0.08	0.111				
Acacia erioloba	Namibia	Sossus Vley	143/94/10	0.176	0.176					0.08	0.096				
Acacia erioloba	Namibia	Sossus Vley	143/94/11	0.189	0.189					0.08	0.109				
Acacia erioloba	Namibia	Sossus Vley	143/94/12	0.325	0.325					0.08	0.245				
Acacia erioloba	Namibia	Sossus Vley	143/94/13	0.138	0.138					0.08	0.058				
Acacia erioloba	Namibia	Sossus Vley	143/94/14	0.203	0.203					0.08	0.123				
Acacia erioloba	Namibia	Sossus Vley	143/94/15	0.277	0.277					0.08	0.197				
Acacia erioloba	Namibia	Sossus Vley	143/94/16	0.354	0.354					0.08	0.274				
Acacia erioloba	Namibia	Sossus Vley	143/94/17	0.194	0.194					0.08	0.114				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Namibia	Sossus Vley	143/94/18	0.263	0.263					0.08	0.183				
Acacia erioloba	Namibia	Sossus Vley	143/94/19	0.106	0.106					0.08	0.026				
Acacia erioloba	Namibia	Sossus Vley	143/94/20	0.079	0.079						0.079				
Acacia erioloba	Namibia	Sossus Vley	143/94/21	0.131	0.131					0.08	0.051				
Acacia erioloba	Namibia	Sossus Vley	143/94/22	0.314	0.314					0.08	0.234				
Acacia erioloba	Namibia	Sossus Vley	143/94/23	0.132	0.132					0.08	0.052				
Acacia erioloba	Namibia	Sossus Vley	143/94/24	0.194	0.194					0.08	0.114				
Acacia erioloba	Namibia	Sossus Vley	143/94/25	0.142	0.142					0.08	0.062				
Acacia erioloba	Namibia	Sossus Vley	143/94/26	0.099	0.099					0.099					
Acacia erioloba	South Africa	Nossob	178/92	5.620	4.243		1997	4300	95	0.046	2.000	2.197			
Acacia erioloba	South Africa	Potgietersrus	176/92	10.955	8.717		1994	2200	43	0.09	2.000	6.537			
Acacia erioloba	South Africa	Twee Rivieren	177/92	5.730	3.784		1994	2900	90	0.07	2.000	1.714			
Acacia erioloba	Zambia	Makatoolo	165/92	2.700	0.590	30	1997	2300	83	0.087	0.503				
Acacia erioloba	Zambia	Makatoolo	165/92/01	0.633	0.533					0.087	0.446				
Acacia erioloba	Zambia	Makatoolo	165/92/02	0.526	0.426					0.087	0.339				
Acacia erioloba	Zambia	Makatoolo	165/92/03	0.583	0.483					0.087	0.396				
Acacia erioloba	Zambia	Makatoolo	165/92/04	0.551	0.451					0.087	0.364				
Acacia erioloba	Zambia	Makatoolo	165/92/05	0.524	0.424					0.087	0.337				
Acacia erioloba	Zambia	Makatoolo	165/92/06	0.184	0.184						0.184				
Acacia erioloba	Zambia	Makatoolo	165/92/07	0.465	0.365					0.087	0.278				
Acacia erioloba	Zambia	Makatoolo	165/92/08	1.215	1.115					0.087	1.028				
Acacia erioloba	Zambia	Makatoolo	165/92/09	0.594	0.494					0.087	0.407				
Acacia erioloba	Zambia	Makatoolo	165/92/10	0.573	0.473					0.087	0.386				
Acacia erioloba	Zambia	Makatoolo	165/92/11	0.523	0.423					0.087	0.336				
Acacia erioloba	Zambia	Makatoolo	165/92/12	0.500	0.400					0.087	0.313				
Acacia erioloba	Zambia	Makatoolo	165/92/13	0.616	0.516					0.087	0.429				
Acacia erioloba	Zambia	Makatoolo	165/92/14	0.574	0.474					0.087	0.387				
Acacia erioloba	Zambia	Makatoolo	165/92/15	0.664	0.564					0.087	0.477				
Acacia erioloba	Zambia	Makatoolo	165/92/16	0.615	0.515					0.087	0.428				
Acacia erioloba	Zambia	Makatoolo	165/92/17	0.444	0.444						0.444				
Acacia erioloba	Zambia	Makatoolo	165/92/18	0.551	0.451					0.087	0.364				
Acacia erioloba	Zambia	Makatoolo	165/92/19	0.571	0.471					0.087	0.384				
Acacia erioloba	Zambia	Makatoolo	165/92/20	0.583	0.483					0.087	0.396				
Acacia erioloba	Zambia	Makatoolo	165/92/21	0.484	0.484					0.087	0.397				
Acacia erioloba	Zambia	Makatoolo	165/92/22	0.561	0.461					0.087	0.374				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Zambia	Makatoolo	165/92/23	0.513	0.413					0.087	0.326				
Acacia erioloba	Zambia	Makatoolo	165/92/24	0.557	0.457					0.087	0.370				
Acacia erioloba	Zambia	Makatoolo	165/92/25	0.257	0.257						0.257				
Acacia erioloba	Zambia	Makatoolo	165/92/26	0.250	0.250						0.250				
Acacia erioloba	Zambia	Makatoolo	165/92/27	0.553	0.453					0.087	0.366				
Acacia erioloba	Zambia	Makatoolo	165/92/28	0.493	0.393						0.393				
Acacia erioloba	Zambia	Makatoolo	165/92/29	0.538	0.438					0.087	0.351				
Acacia erioloba	Zambia	Makatoolo	165/92/30	0.596	0.496					0.087	0.409				
Acacia erioloba	Zimbabwe	Chesa	194/87		4.055									4.055	may not exist in Alice Holt
Acacia erioloba	Zimbabwe	Dovenby Farm-1	192/87		4.900									4.9	may not exist in Alice Holt
Acacia erioloba	Zimbabwe	Dovenby Farm-1	193/87		5.200									5.2	may not exist in Alice Holt
Acacia erioloba	Zimbabwe	Imhohloweni	18/92		0.394	25	1992	3600	90	0.055	0.339				
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/01	0.286	0.144					0.055				0.089	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/02	0.137	0.045					0.045					
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/03	0.316	0.174					0.055				0.119	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/04	0.214	0.072					0.072					
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/05	0.201	0.109					0.055				0.054	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/06	0.319	0.177					0.055				0.122	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/07	0.204	0.112					0.055				0.057	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/08	0.236	0.094					0.055				0.039	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/09	0.272	0.130					0.055				0.075	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/10	0.405	0.263					0.055				0.208	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/11	0.250	0.108					0.055				0.053	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/12	0.286	0.144					0.055				0.089	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/13	0.261	0.119					0.055				0.064	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/14	0.334	0.192					0.055				0.137	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/15	0.372	0.230					0.055				0.175	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/16	0.571	0.429					0.055				0.374	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/17	0.340	0.198					0.055				0.143	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/18	0.298	0.156					0.055				0.101	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/19	0.162	0.070					0.07					
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/20	0.560	0.418					0.055				0.363	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/21	0.466	0.324					0.055				0.269	
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/22	0.071	-0.021										
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/23	0.221	0.079					0.079					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia erioloba	Zimbabwe	Imhohloweni	18/92/25	0.394	0.302					0.055				0.247	
Acacia erioloba	Zimbabwe	Umguza	23/88	2.730	1.656		1988	2600	58	0.055	1.601				
Acacia erioloba	Zimbabwe	Umguza	59/90	0.132	0.113	5		2600	40					0.113	only 5 family trees . Bin
Acacia erioloba	Zimbabwe	Umguza	59/90/01	0.095	0.095									0.095	
Acacia erioloba	Zimbabwe	Umguza	59/90/02	0.048	0.048									0.048	
Acacia erioloba	Zimbabwe	Umguza	59/90/03	0.066	0.066									0.066	
Acacia erioloba	Zimbabwe	Umguza	59/90/04	0.028	0.028									0.028	
Acacia erioloba	Zimbabwe	Umguza	59/90/05	0.006	0.006									0.006	
Acacia farnesiana	Guatemala	Zacapa	9/83	15.210	3.948		1993		84	0.02	2.000		0.02	1.908	
Acacia farnesiana	Honduras	Valle de Otoro	16/83	0.339	0.075		1993		60	0.02	0.035		0.02		
Acacia farnesiana	Indonesia	Kupang	17/89	0.040	0.040					0.02			0.02		
Acacia galpinii	Zambia	Lusaka	90/93	0.028	0.027					0.022					
Acacia haematoxylon	South Africa	Auob	6/94	0.397	0.381		1995	5200	85	0.038	0.343				
Acacia jacquemontii	India	Banaskantha	4/93	0.101	0.096					0.035	0.056				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/01	0.520	0.500					0.015	0.485				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/02	0.061	0.041						0.041				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/03	0.040	0.040					0.015	0.025				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/04	0.067	0.047					0.015	0.032				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/05	0.003	0.003						0.003				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/06	0.012	0.012						0.012				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/07	0.004	0.004						0.004				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/08	0.014	0.014						0.014				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/09	0.035	0.035					0.015	0.020				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/10	0.018	0.018						0.018				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/11	0.006	0.006						0.006				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/12	0.063	0.043					0.015	0.028				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/13	0.039	0.039						0.039				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/14	0.020	0.020						0.020				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/15	0.112	0.072					0.015	0.057				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/16	0.029	0.029						0.029				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/17	0.012	0.012						0.012				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/18	0.004	0.004						0.004				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/19	0.041	0.041					0.015	0.026				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/20	0.004	0.004						0.004				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/21	0.006	0.006						0.006				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/22	0.015	0.015						0.015				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/23	0.071	0.051					0.015	0.036				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/24	0.004	0.004						0.004				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/25	0.018	0.018						0.018				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/26	0.010	0.010						0.010				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/27	0.046	0.046					0.015	0.031				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/28	0.005	0.005						0.005				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/29	0.016	0.016						0.016				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/30	0.041	0.041						0.041				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/31	0.075	0.055					0.015	0.040				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/32	0.074	0.054						0.054				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/33	0.060	0.040					0.015	0.025				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/34	0.026	0.026						0.026				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/35	0.010	0.010						0.010				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/36	0.018	0.018						0.018				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/37	0.032	0.032						0.032				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/38	0.072	0.052					0.015	0.037				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/39	0.028	0.028						0.028				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/40	0.014	0.014						0.014				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/41	0.046	0.046					0.015	0.031				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/42	0.062	0.042						0.042				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/43	0.092	0.072					0.015	0.057				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/44	0.046	0.046						0.046				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/45	0.039	0.039						0.039				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/46	0.009	0.009						0.009				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/47	0.003	0.003						0.003				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/48	0.002	0.002						0.002				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/49	0.040	0.040					0.015	0.025				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/50	0.039	0.039						0.039				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/51	0.005	0.005						0.005				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/52	0.005	0.005						0.005				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/53	0.020	0.020						0.020				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/54	0.044	0.044					0.015	0.029				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/55	0.016	0.016						0.016				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/56	0.009	0.009						0.009				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/57	0.006	0.006						0.006				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/58	0.096	0.076					0.015	0.061				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/59	0.051	0.031					0.015	0.016				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/60	0.003	0.003						0.003				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/61	0.026	0.026						0.026				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/62	0.014	0.014					0.014					
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/63	0.026	0.026						0.026				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/64	0.047	0.037					0.015	0.022				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/65	0.028	0.028						0.028				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/66	0.014	0.014						0.014				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/67	0.020	0.020						0.020				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/68	0.021	0.021						0.021				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/69	0.087	0.067						0.067				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/70	0.017	0.017					0.015	0.002				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/71	0.023	0.023						0.023				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/72	0.047	0.037						0.037				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/73	0.046	0.036						0.036				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/74	0.041	0.041						0.041				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/75	0.072	0.052					0.015	0.037				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/76	0.105	0.085					0.015	0.070				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/77	0.030	0.030						0.030				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/78	0.034	0.034					0.015	0.019				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/79	0.012	0.012						0.012				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/80	0.003	0.003						0.003				
Acacia karroo	Malawi	Linthipe (Dedza)	171/92/81	0.041	0.041					0.015	0.026				
Acacia karroo	Malawi	Walala	135/91/01	0.038	0.038						0.038				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/02	0.015	0.015						0.015				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/03	0.012	0.012						0.012				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/04	0.061	0.061						0.061				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/05	0.095	0.095						0.095				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/06	0.150	0.150						0.150				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/07	0.070	0.070						0.070				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/08	0.050	0.050						0.050				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/09	0.036	0.036						0.036				Bulk to 135/91
Acacia karroo	Malawi	Walala	135/91/10	0.104	0.104						0.104				Bulk to 135/91

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Malawi	Walala (Zomba)	27/94	0.233	0.228	80	1995	17000	78	0.012	0.216				
Acacia karroo	Malawi	Walala (Zomba)	27/94/01	0.068	0.068						0.068				
Acacia karroo	Malawi	Walala (Zomba)	27/94/02	0.016	0.016						0.016				
Acacia karroo	Malawi	Walala (Zomba)	27/94/03	0.086	0.086					0.012	0.074				
Acacia karroo	Malawi	Walala (Zomba)	27/94/04	0.056	0.056						0.056				
Acacia karroo	Malawi	Walala (Zomba)	27/94/05	0.018	0.018						0.018				
Acacia karroo	Malawi	Walala (Zomba)	27/94/06	0.002	0.002						0.002				
Acacia karroo	Malawi	Walala (Zomba)	27/94/07	0.139	0.139					0.012	0.127				
Acacia karroo	Malawi	Walala (Zomba)	27/94/08	0.118	0.118						0.118				
Acacia karroo	Malawi	Walala (Zomba)	27/94/09	0.056	0.056						0.056				
Acacia karroo	Malawi	Walala (Zomba)	27/94/10	0.127	0.127					0.012	0.115				
Acacia karroo	Malawi	Walala (Zomba)	27/94/11	0.049	0.049						0.049				
Acacia karroo	Malawi	Walala (Zomba)	27/94/12	0.126	0.126					0.012	0.114				
Acacia karroo	Malawi	Walala (Zomba)	27/94/13	0.014	0.014						0.014				
Acacia karroo	Malawi	Walala (Zomba)	27/94/14	0.020	0.020						0.020				
Acacia karroo	Malawi	Walala (Zomba)	27/94/15	0.026	0.026					0.012	0.014				
Acacia karroo	Malawi	Walala (Zomba)	27/94/16	0.046	0.046						0.046				
Acacia karroo	Malawi	Walala (Zomba)	27/94/17	0.028	0.028					0.012	0.016				
Acacia karroo	Malawi	Walala (Zomba)	27/94/18	0.035	0.035						0.035				
Acacia karroo	Malawi	Walala (Zomba)	27/94/19	0.031	0.031						0.031				
Acacia karroo	Malawi	Walala (Zomba)	27/94/20	0.107	0.107					0.012	0.095				
Acacia karroo	Malawi	Walala (Zomba)	27/94/21	0.088	0.088						0.088				
Acacia karroo	Malawi	Walala (Zomba)	27/94/22	0.056	0.056					0.012	0.044				
Acacia karroo	Malawi	Walala (Zomba)	27/94/23	0.015	0.015						0.015				
Acacia karroo	Malawi	Walala (Zomba)	27/94/24	0.035	0.035						0.035				
Acacia karroo	Malawi	Walala (Zomba)	27/94/25	0.085	0.085					0.012	0.073				
Acacia karroo	Malawi	Walala (Zomba)	27/94/26	0.017	0.017						0.017				
Acacia karroo	Malawi	Walala (Zomba)	27/94/27	0.002	0.002						0.002				
Acacia karroo	Malawi	Walala (Zomba)	27/94/28	0.106	0.106					0.012	0.094				
Acacia karroo	Malawi	Walala (Zomba)	27/94/29	0.172	0.172						0.172				
Acacia karroo	Malawi	Walala (Zomba)	27/94/30	0.037	0.037						0.037				
Acacia karroo	Malawi	Walala (Zomba)	27/94/31	0.069	0.069					0.012	0.057				
Acacia karroo	Malawi	Walala (Zomba)	27/94/32	0.042	0.042						0.042				
Acacia karroo	Malawi	Walala (Zomba)	27/94/33	0.091	0.091					0.012	0.079				
Acacia karroo	Malawi	Walala (Zomba)	27/94/34	0.023	0.023						0.023				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Malawi	Walala (Zomba)	27/94/36	0.009	0.009						0.009				
Acacia karroo	Malawi	Walala (Zomba)	27/94/37	0.117	0.117					0.012	0.105				
Acacia karroo	Malawi	Walala (Zomba)	27/94/38	0.082	0.082						0.082				
Acacia karroo	Malawi	Walala (Zomba)	27/94/39	0.012	0.012						0.012				
Acacia karroo	Malawi	Walala (Zomba)	27/94/40	0.004	0.004						0.004				
Acacia karroo	Malawi	Walala (Zomba)	27/94/41	0.032	0.032						0.032				
Acacia karroo	Malawi	Walala (Zomba)	27/94/42	0.118	0.118					0.012	0.106				
Acacia karroo	Malawi	Walala (Zomba)	27/94/43	0.028	0.028						0.028				
Acacia karroo	Malawi	Walala (Zomba)	27/94/44	0.027	0.027						0.027				
Acacia karroo	Malawi	Walala (Zomba)	27/94/45	0.072	0.072					0.012	0.060				
Acacia karroo	Malawi	Walala (Zomba)	27/94/46	0.060	0.060						0.060				
Acacia karroo	Malawi	Walala (Zomba)	27/94/47	0.167	0.167					0.012	0.155				
Acacia karroo	Malawi	Walala (Zomba)	27/94/48	0.015	0.015						0.015				
Acacia karroo	Malawi	Walala (Zomba)	27/94/49	0.078	0.078					0.012	0.066				
Acacia karroo	Malawi	Walala (Zomba)	27/94/50	0.069	0.069						0.069				
Acacia karroo	Malawi	Walala (Zomba)	27/94/51	0.059	0.059						0.059				
Acacia karroo	Malawi	Walala (Zomba)	27/94/52	0.046	0.046						0.046				
Acacia karroo	Malawi	Walala (Zomba)	27/94/53	0.173	0.173					0.012	0.161				
Acacia karroo	Malawi	Walala (Zomba)	27/94/54	0.015	0.015						0.015				
Acacia karroo	Malawi	Walala (Zomba)	27/94/55	0.175	0.175					0.012	0.163				
Acacia karroo	Malawi	Walala (Zomba)	27/94/56	0.029	0.029						0.029				
Acacia karroo	Malawi	Walala (Zomba)	27/94/57	0.268	0.268					0.012	0.256				
Acacia karroo	Malawi	Walala (Zomba)	27/94/58	0.106	0.106						0.106				
Acacia karroo	Malawi	Walala (Zomba)	27/94/59	0.098	0.098					0.012	0.086				
Acacia karroo	Malawi	Walala (Zomba)	27/94/60	0.083	0.083						0.083				
Acacia karroo	Malawi	Walala (Zomba)	27/94/61	0.051	0.051						0.051				
Acacia karroo	Malawi	Walala (Zomba)	27/94/62	0.025	0.025					0.012	0.013				
Acacia karroo	Malawi	Walala (Zomba)	27/94/63	0.021	0.021						0.021				
Acacia karroo	Malawi	Walala (Zomba)	27/94/64	0.092	0.092						0.092				
Acacia karroo	Malawi	Walala (Zomba)	27/94/65	0.025	0.025						0.025				
Acacia karroo	Malawi	Walala (Zomba)	27/94/66	0.139	0.139					0.012	0.127				
Acacia karroo	Malawi	Walala (Zomba)	27/94/67	0.039	0.039						0.039				
Acacia karroo	Malawi	Walala (Zomba)	27/94/68	0.086	0.086						0.086				
Acacia karroo	Malawi	Walala (Zomba)	27/94/69	0.010	0.010						0.010				
Acacia karroo	Malawi	Walala (Zomba)	27/94/70	0.048	0.048						0.048				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Malawi	Walala (Zomba)	27/94/71	0.047	0.047					0.012	0.035				
Acacia karroo	Malawi	Walala (Zomba)	27/94/72	0.010	0.010						0.010				
Acacia karroo	Malawi	Walala (Zomba)	27/94/73	0.075	0.075						0.075				
Acacia karroo	Malawi	Walala (Zomba)	27/94/74	0.006	0.006						0.006				
Acacia karroo	Malawi	Walala (Zomba)	27/94/75	0.077	0.077						0.077				
Acacia karroo	Malawi	Walala (Zomba)	27/94/76	0.155	0.155					0.012	0.143				
Acacia karroo	Malawi	Walala (Zomba)	27/94/77	0.038	0.038						0.038				
Acacia karroo	Malawi	Walala (Zomba)	27/94/80	0.037	0.037						0.037				
Acacia karroo	Mozambique	Bazaruto Island	11/94	2.210	1.228		1994	5600	47	0.036	1.156		0.036		
Acacia karroo	Namibia	Opumo	76/94	0.129	0.010	25				0.01					
Acacia karroo	Namibia	Opumo	76/94/01	0.073	0.073					0.012	0.061				
Acacia karroo	Namibia	Opumo	76/94/02	0.072	0.072					0.012	0.060				
Acacia karroo	Namibia	Opumo	76/94/03	0.179	0.129					0.012	0.117				
Acacia karroo	Namibia	Opumo	76/94/04	0.055	0.055					0.012	0.043				
Acacia karroo	Namibia	Opumo	76/94/05	0.051	0.051					0.012	0.039				
Acacia karroo	Namibia	Opumo	76/94/06	0.146	0.096					0.012	0.084				
Acacia karroo	Namibia	Opumo	76/94/07	0.030	0.030					0.012	0.018				
Acacia karroo	Namibia	Opumo	76/94/08	0.025	0.025					0.012	0.013				
Acacia karroo	Namibia	Opumo	76/94/09	0.170	0.120					0.012	0.108				
Acacia karroo	Namibia	Opumo	76/94/10	0.175	0.125					0.012	0.113				
Acacia karroo	Namibia	Opumo	76/94/11	0.143	0.093					0.012	0.081				
Acacia karroo	Namibia	Opumo	76/94/12	0.033	0.033					0.012	0.021				
Acacia karroo	Namibia	Opumo	76/94/13	0.208	0.158					0.012	0.146				
Acacia karroo	Namibia	Opumo	76/94/14	0.253	0.203					0.012	0.191				
Acacia karroo	Namibia	Opumo	76/94/15	0.228	0.178					0.012	0.166				
Acacia karroo	Namibia	Opumo	76/94/16	0.336	0.286					0.012	0.274				
Acacia karroo	Namibia	Opumo	76/94/17	0.098	0.098					0.012	0.086				
Acacia karroo	Namibia	Opumo	76/94/18	0.052	0.052					0.012	0.040				
Acacia karroo	Namibia	Opumo	76/94/19	0.016	0.016					0.012	0.004				
Acacia karroo	Namibia	Opumo	76/94/20	0.096	0.096					0.012	0.084				
Acacia karroo	Namibia	Opumo	76/94/21	0.020	0.020					0.012	0.008				
Acacia karroo	Namibia	Opumo	76/94/22	0.053	0.053					0.012	0.041				
Acacia karroo	Namibia	Opumo	76/94/23	0.195	0.145					0.012	0.133				
Acacia karroo	Namibia	Opumo	76/94/24	0.064	0.064					0.012	0.052				
Acacia karroo	Namibia	Opumo	76/94/25	0.118	0.068					0.012	0.056				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Ashburton	71/94/01	0.045	0.045									0.025	
Acacia karroo	South Africa	Ashburton	71/94/02	0.034	0.034									0.034	only 8 families bin
Acacia karroo	South Africa	Ashburton	71/94/03	0.023	0.023									0.023	
Acacia karroo	South Africa	Ashburton	71/94/04	0.019	0.019									0.019	
Acacia karroo	South Africa	Ashburton	71/94/05	0.030	0.030									0.03	
Acacia karroo	South Africa	Ashburton	71/94/06	0.016	0.016									0.016	
Acacia karroo	South Africa	Ashburton	71/94/07	0.027	0.027									0.027	
Acacia karroo	South Africa	Ashburton	71/94/08	0.030	0.030									0.03	
Acacia karroo	South Africa	Calitsdorp Spa	13/94	3.200	2.509		1994	11000	39	0.018	2.491				
Acacia karroo	South Africa	Coega	61/94/01	0.020	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/02	0.040	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/03	0.017	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/04	0.012	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/05	0.020	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/06	0.024	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/07	0.003	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/08	0.012	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/09	0.007	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/10	0.008	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/11	0.036	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/12	0.026	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Coega	61/94/13	0.005	0.020						0.020				Bulk to new 61/94
Acacia karroo	South Africa	Cookhouse	72/94/01	0.006	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/02	0.005	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/03	0.008	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/04	0.005	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/05	0.021	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/06	0.009	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/07	0.012	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/08	0.009	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/09	0.011	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/10	0.020	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/11	0.016	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cookhouse	72/94/12	0.017	0.020						0.020				Bulk to new 72/94
Acacia karroo	South Africa	Cradock	70/94/01	0.005	0.005									0.005	only 5 families . Bin

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Cradock	70/94/02	0.022	0.022									0.022	
Acacia karroo	South Africa	Cradock	70/94/03	0.007	0.007									0.007	
Acacia karroo	South Africa	Cradock	70/94/04	0.012	0.012									0.012	
Acacia karroo	South Africa	Cradock	70/94/05	0.009	0.009									0.009	
Acacia karroo	South Africa	Donkerhoek	25/94	1.375	0.352		1995	6700	20	0.02	0.332				
Acacia karroo	South Africa	Dzolo River	112/94/01	0.006	0.006						0.006				
Acacia karroo	South Africa	Dzolo River	112/94/02	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/03	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/04	0.020	0.020					0.012	0.008				
Acacia karroo	South Africa	Dzolo River	112/94/05	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/06	0.009	0.009						0.009				
Acacia karroo	South Africa	Dzolo River	112/94/07	0.020	0.020						0.020				
Acacia karroo	South Africa	Dzolo River	112/94/08	0.006	0.006						0.006				
Acacia karroo	South Africa	Dzolo River	112/94/09	0.011	0.011					0.011					
Acacia karroo	South Africa	Dzolo River	112/94/10	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/11	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/12	0.013	0.013					0.013					
Acacia karroo	South Africa	Dzolo River	112/94/13	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/14	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/15	0.010	0.010					0.01					
Acacia karroo	South Africa	Dzolo River	112/94/16	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/17	0.009	0.009						0.009				
Acacia karroo	South Africa	Dzolo River	112/94/18	0.006	0.006						0.006				
Acacia karroo	South Africa	Dzolo River	112/94/19	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/20	0.022	0.022					0.012	0.010				
Acacia karroo	South Africa	Dzolo River	112/94/21	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/23	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/24	0.039	0.039					0.012	0.027				
Acacia karroo	South Africa	Dzolo River	112/94/25	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/26	0.020	0.020						0.020				
Acacia karroo	South Africa	Dzolo River	112/94/27	0.006	0.006						0.006				
Acacia karroo	South Africa	Dzolo River	112/94/28	0.009	0.009						0.009				
Acacia karroo	South Africa	Dzolo River	112/94/30	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/31	0.030	0.030					0.012	0.018				
Acacia karroo	South Africa	Dzolo River	112/94/32	0.004	0.004						0.004				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Dzolo River	112/94/33	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/34	0.030	0.030					0.012	0.018				
Acacia karroo	South Africa	Dzolo River	112/94/35	0.008	0.008						0.008				
Acacia karroo	South Africa	Dzolo River	112/94/36	0.008	0.008						0.008				
Acacia karroo	South Africa	Dzolo River	112/94/37	0.010	0.010					0.01					
Acacia karroo	South Africa	Dzolo River	112/94/38	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/39	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/40	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/41	0.010	0.010					0.01					
Acacia karroo	South Africa	Dzolo River	112/94/42	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/43	0.030	0.030					0.012	0.018				
Acacia karroo	South Africa	Dzolo River	112/94/44	0.014	0.014					0.014					
Acacia karroo	South Africa	Dzolo River	112/94/45	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/46	0.024	0.024					0.012	0.012				
Acacia karroo	South Africa	Dzolo River	112/94/47	0.017	0.017						0.017				
Acacia karroo	South Africa	Dzolo River	112/94/48	0.018	0.018						0.018				
Acacia karroo	South Africa	Dzolo River	112/94/49	0.030	0.030					0.012	0.018				
Acacia karroo	South Africa	Dzolo River	112/94/50	0.035	0.035					0.012	0.023				
Acacia karroo	South Africa	Dzolo River	112/94/51	0.004	0.004						0.004				
Acacia karroo	South Africa	Dzolo River	112/94/52	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/53	0.035	0.035					0.012	0.023				
Acacia karroo	South Africa	Dzolo River	112/94/54	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/55	0.008	0.008						0.008				
Acacia karroo	South Africa	Dzolo River	112/94/56	0.030	0.030					0.012	0.018				
Acacia karroo	South Africa	Dzolo River	112/94/57	0.018	0.018						0.018				
Acacia karroo	South Africa	Dzolo River	112/94/58	0.036	0.036					0.012	0.024				
Acacia karroo	South Africa	Dzolo River	112/94/59	0.007	0.007						0.007				
Acacia karroo	South Africa	Dzolo River	112/94/60	0.003	0.003						0.003				
Acacia karroo	South Africa	Dzolo River	112/94/61	0.060	0.060						0.060				
Acacia karroo	South Africa	Dzolo River	112/94/62	0.086	0.086					0.012	0.074				
Acacia karroo	South Africa	Dzolo River	112/94/63	0.008	0.008						0.008				
Acacia karroo	South Africa	Dzolo River	112/94/64	0.072	0.072					0.012	0.060				
Acacia karroo	South Africa	Dzolo River	112/94/65	0.040	0.040					0.012	0.028				
Acacia karroo	South Africa	Dzolo River	112/94/66	0.005	0.005						0.005				
Acacia karroo	South Africa	Dzolo River	112/94/67	0.005	0.005						0.005				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Dzolo River	112/94/68	0.008	0.008						0.008				
Acacia karroo	South Africa	Dzolo River	112/94/69	0.012	0.012					0.012					
Acacia karroo	South Africa	Dzolo River	112/94/70	0.031	0.031					0.012	0.019				
Acacia karroo	South Africa	Dzolo River	112/94/71	0.055	0.055					0.012	0.043				
Acacia karroo	South Africa	Dzolo River	112/94/72	0.010	0.010					0.01					
Acacia karroo	South Africa	Dzolo River	112/94/73	0.009	0.009						0.009				
Acacia karroo	South Africa	Dzolo River	112/94/74	0.006	0.006						0.006				
Acacia karroo	South Africa	Dzolo River	112/94/75	0.004	0.004						0.004				
Acacia karroo	South Africa	East London	62/94/01	0.020	0.020					0.01	0.010				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/02	0.020	0.020					0.01	0.010				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/03	0.017	0.017					0.01	0.007				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/04	0.015	0.015					0.01	0.005				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/05	0.023	0.023					0.01	0.013				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/06	0.021	0.021					0.01	0.011				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/07	0.023	0.023					0.01	0.013				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/08	0.039	0.039					0.01	0.029				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/09	0.025	0.025					0.01	0.015				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/10	0.030	0.030					0.01	0.020				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/11	0.018	0.018					0.01	0.008				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/12	0.025	0.025					0.01	0.015				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/13	0.012	0.012					0.012					
Acacia karroo	South Africa	East London	62/94/14	0.018	0.018					0.01	0.008				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/15	0.020	0.020					0.01	0.010				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/16	0.018	0.018					0.01	0.008				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/17	0.023	0.023					0.01	0.013				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	East London	62/94/18	0.025	0.025					0.01	0.015				Partial bulk ICRAF lots to new 62/94
Acacia karroo	South Africa	Fraserberg	2/94	3.315	2.534		1995	14000	62	0.014	2.000	0.52			
Acacia karroo	South Africa	Haasties Drift	12/94	3.075	2.657		1995	24000	90	0.008	2.000	0.649			
Acacia karroo	South Africa	Hartbeespoort	63/94/01	0.040	0.040					0.01	0.030				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/02	0.050	0.050					0.01	0.040				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/03	0.027	0.027					0.01	0.017				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/04	0.024	0.024					0.01	0.014				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/05	0.032	0.032					0.01	0.022				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/06	0.020	0.020					0.01	0.010				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/07	0.030	0.030					0.01	0.020				Partial bulk ICRAF lot to new 63/94

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Hartbeespoort	63/94/08	0.037	0.037					0.01	0.027				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/09	0.016	0.016					0.01	0.006				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/10	0.030	0.030					0.01	0.020				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/11	0.015	0.015					0.01	0.005				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/12	0.025	0.025					0.01	0.015				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/13	0.015	0.015					0.01	0.005				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/14	0.016	0.016					0.01	0.006				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/15	0.021	0.021					0.01	0.011				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/16	0.012	0.012					0.01	0.002				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Hartbeespoort	63/94/17	0.045	0.045					0.01	0.035				Partial bulk ICRAF lot to new 63/94
Acacia karroo	South Africa	Kameiskroon	64/94/01	0.008	0.008					0.008					
Acacia karroo	South Africa	Kameiskroon	64/94/02	0.009	0.009					0.009					
Acacia karroo	South Africa	Kameiskroon	64/94/03	0.009	0.009					0.009					
Acacia karroo	South Africa	Kameiskroon	64/94/04	0.009	0.009					0.009					
Acacia karroo	South Africa	Kameiskroon	64/94/05	0.016	0.016					0.01				0.006	
Acacia karroo	South Africa	Kameiskroon	64/94/06	0.011	0.011					0.011					
Acacia karroo	South Africa	Kameiskroon	64/94/07	0.015	0.015					0.01				0.005	
Acacia karroo	South Africa	Kameiskroon	64/94/08	0.032	0.032					0.01				0.022	
Acacia karroo	South Africa	Kameiskroon	64/94/09	0.026	0.026					0.01				0.016	
Acacia karroo	South Africa	Kameiskroon	64/94/10	0.018	0.018					0.01				0.008	
Acacia karroo	South Africa	Kameiskroon	64/94/11	0.010	0.010					0.01					
Acacia karroo	South Africa	Kameiskroon	64/94/12	0.020	0.020					0.01				0.010	
Acacia karroo	South Africa	Kameiskroon	64/94/13	0.015	0.015					0.01				0.005	
Acacia karroo	South Africa	Kameiskroon	64/94/14	0.016	0.016					0.01				0.006	
Acacia karroo	South Africa	Kroonstad	114/94/01	0.059	0.059					0.01	0.049				
Acacia karroo	South Africa	Kroonstad	114/94/02	0.045	0.045					0.01	0.035				
Acacia karroo	South Africa	Kroonstad	114/94/03	0.086	0.086					0.01	0.076				
Acacia karroo	South Africa	Kroonstad	114/94/04	0.067	0.067					0.01	0.057				
Acacia karroo	South Africa	Kroonstad	114/94/05	0.047	0.047						0.047				
Acacia karroo	South Africa	Kroonstad	114/94/06	0.026	0.026						0.026				
Acacia karroo	South Africa	Kroonstad	114/94/07	0.050	0.050					0.01	0.040				
Acacia karroo	South Africa	Kroonstad	114/94/08	0.071	0.071					0.01	0.061				
Acacia karroo	South Africa	Kroonstad	114/94/09	0.046	0.046					0.01	0.036				
Acacia karroo	South Africa	Kroonstad	114/94/10	0.062	0.062					0.01	0.052				
Acacia karroo	South Africa	Kroonstad	114/94/11	0.037	0.037					0.01	0.027				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Kroonstad	114/94/12	0.059	0.059					0.01	0.049				
Acacia karroo	South Africa	Kroonstad	114/94/13	0.004	0.004						0.004				
Acacia karroo	South Africa	Kroonstad	114/94/14	0.035	0.035					0.01	0.025				
Acacia karroo	South Africa	Kroonstad	114/94/15	0.034	0.034					0.01	0.024				
Acacia karroo	South Africa	Kroonstad	114/94/16	0.050	0.050					0.01	0.040				
Acacia karroo	South Africa	Kroonstad	114/94/17	0.037	0.037					0.01	0.027				
Acacia karroo	South Africa	Kroonstad	114/94/18	0.060	0.060					0.01	0.050				
Acacia karroo	South Africa	Kroonstad	114/94/19	0.050	0.050					0.01	0.040				
Acacia karroo	South Africa	Kroonstad	114/94/20	0.038	0.038					0.01	0.028				
Acacia karroo	South Africa	Kroonstad	114/94/21	0.036	0.036					0.01	0.026				
Acacia karroo	South Africa	Kroonstad	114/94/22	0.030	0.030						0.030				
Acacia karroo	South Africa	Kroonstad	114/94/23	0.052	0.052					0.01	0.042				
Acacia karroo	South Africa	Kroonstad	114/94/24	0.088	0.088					0.01	0.078				
Acacia karroo	South Africa	Kroonstad	114/94/25	0.040	0.040					0.01	0.030				
Acacia karroo	South Africa	Kroonstad	114/94/26	0.050	0.050					0.01	0.040				
Acacia karroo	South Africa	Kroonstad	114/94/27	0.052	0.052					0.01	0.042				
Acacia karroo	South Africa	Kroonstad	114/94/28	0.080	0.080					0.01	0.070				
Acacia karroo	South Africa	Kroonstad	114/94/29	0.041	0.041					0.01	0.031				
Acacia karroo	South Africa	Kroonstad	114/94/30	0.038	0.038					0.01	0.028				
Acacia karroo	South Africa	Kroonstad	114/94/31	0.022	0.022						0.022				
Acacia karroo	South Africa	Lake Nhlabane	24/92	2.155	1.287		1992	7400	98		1.287				
Acacia karroo	South Africa	Lake Nhlabane	129/94	0.058	0.058					0.027	0.031				
Acacia karroo	South Africa	Lalanck	103/93/01	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/02	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/03	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/05	0.002	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/06	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/07	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/08	0.006	0.006					0.006					
Acacia karroo	South Africa	Lalanck	103/93/09	0.002	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/10	0.001	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/11	0.004	0.004					0.004					
Acacia karroo	South Africa	Lalanck	103/93/13	0.003	0.003					0.003					
Acacia karroo	South Africa	Lalanck	103/93/14	0.002	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/15	0.005	0.005					0.005					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Lalanck	103/93/16	0.011	0.011					0.011					
Acacia karroo	South Africa	Lalanck	103/93/17	0.003	0.003					0.003					
Acacia karroo	South Africa	Lalanck	103/93/18	0.009	0.009					0.009					
Acacia karroo	South Africa	Lalanck	103/93/19	0.002	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/20	0.005	0.005					0.005					
Acacia karroo	South Africa	Lalanck	103/93/21	0.005	0.005					0.005					
Acacia karroo	South Africa	Lalanck	103/93/22	0.012	0.012					0.012					
Acacia karroo	South Africa	Lalanck	103/93/23	0.002	0.002					0.002					
Acacia karroo	South Africa	Lalanck	103/93/24	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/25	0.003	0.003					0.003					
Acacia karroo	South Africa	Lalanck	103/93/26	0.009	0.009					0.009					
Acacia karroo	South Africa	Lalanck	103/93/27	3.000	3.000					0.020				2.98	
Acacia karroo	South Africa	Lalanck	103/93/28	0.001	0.001					0.001					
Acacia karroo	South Africa	Lalanck	103/93/29	0.006	0.006					0.006					
Acacia karroo	South Africa	Lalanck	103/93/30	0.002	0.002					0.002					
Acacia karroo	South Africa	Mt. Zebra National F	4/94	3.135	2.486		1995	16000	72	0.012	2.000	0.474			
Acacia karroo	South Africa	Prince Albert	1/94	6.020	5.311		1995	18000	75		2.000	3.311			
Acacia karroo	South Africa	Prince Albert	60/94/01	0.015	0.015					0.011	0.004				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/02	0.010	0.010					0.01					
Acacia karroo	South Africa	Prince Albert	60/94/03	0.003	0.003						0.003				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/04	0.009	0.009					0.009					
Acacia karroo	South Africa	Prince Albert	60/94/05	0.004	0.004					0.004					
Acacia karroo	South Africa	Prince Albert	60/94/06	0.004	0.004					0.004					
Acacia karroo	South Africa	Prince Albert	60/94/07	0.006	0.006					0.006					
Acacia karroo	South Africa	Prince Albert	60/94/08	0.020	0.020					0.011	0.009				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/09	0.022	0.022					0.011	0.011				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/10	0.010	0.010					0.01					
Acacia karroo	South Africa	Prince Albert	60/94/11	0.016	0.016					0.011	0.005				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/13	0.012	0.012					0.012					
Acacia karroo	South Africa	Prince Albert	60/94/14	0.020	0.020					0.011	0.009				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/15	0.017	0.017					0.011	0.006				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/16	0.008	0.008					0.008					
Acacia karroo	South Africa	Prince Albert	60/94/17	0.071	0.007					0.007					
Acacia karroo	South Africa	Prince Albert	60/94/18	0.019	0.019					0.011	0.008				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/19	0.032	0.003						0.003				Partial bulk ICRAF seed lots to new 60/94

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Prince Albert	60/94/20	0.029	0.029					0.011	0.018				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/21	0.071	0.007					0.007					
Acacia karroo	South Africa	Prince Albert	60/94/22	0.019	0.019					0.011	0.008				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/23	0.017	0.017					0.011	0.006				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/24	0.018	0.018					0.011	0.007				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/25	0.015	0.015					0.011	0.004				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/26	0.016	0.016					0.011	0.005				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/27	0.017	0.017					0.011	0.006				Partial bulk ICRAF seed lots to new 60/94
Acacia karroo	South Africa	Prince Albert	60/94/28	0.009	0.009					0.009					
Acacia karroo	South Africa	Richards Bay	65/94/01	0.021	0.021					0.01	0.011				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/02	0.040	0.040					0.01	0.030				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/03	0.040	0.040					0.01	0.030				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/04	0.032	0.032					0.01	0.022				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/05	0.026	0.026					0.01	0.016				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/06	0.021	0.021					0.01	0.011				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/07	0.019	0.019					0.01	0.009				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/08	0.040	0.040					0.01	0.030				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/09	0.075	0.075					0.01	0.065				Partial bulk ICRAF seedlots to new 65/94
Acacia karroo	South Africa	Richards Bay	65/94/10	0.080	0.080					0.01			0.07		
Acacia karroo	South Africa	Sardinia bay	73/94/01	0.056	0.056					0.01				0.046	
Acacia karroo	South Africa	Sardinia bay	73/94/02	0.016	0.016					0.01				0.006	
Acacia karroo	South Africa	Sardinia bay	73/94/03	0.010	0.010					0.01					
Acacia karroo	South Africa	Sardinia bay	73/94/04	0.012	0.012					0.012					
Acacia karroo	South Africa	Sardinia bay	73/94/05	0.007	0.007					0.007					
Acacia karroo	South Africa	Sardinia bay	73/94/06	0.018	0.018					0.01				0.008	
Acacia karroo	South Africa	Sardinia bay	73/94/07	0.026	0.026					0.01				0.016	
Acacia karroo	South Africa	Sardinia bay	73/94/08	0.006	0.006					0.006					
Acacia karroo	South Africa	Signal Hill	5/94	0.191	0.058		1994	10000	58	0.02				0.038	
Acacia karroo	South Africa	Sutherland	3/94	0.485	0.015		1995	13000	56	0.015					
Acacia karroo	South Africa	Talana	66/94/01	0.019	0.019					0.01	0.009				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/02	0.018	0.018					0.01	0.008				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/03	0.029	0.029					0.01	0.019				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/04	0.015	0.015					0.01	0.005				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/05	0.052	0.052					0.01	0.042				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/06	0.030	0.030					0.01	0.020				Partial bulk ICRAF seedlots to new 66/94

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Talana	66/94/07	0.035	0.035					0.01	0.025				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/08	0.035	0.035					0.01	0.025				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/09	0.083	0.008					0.008					
Acacia karroo	South Africa	Talana	66/94/10	0.035	0.035					0.01	0.025				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/11	0.018	0.018					0.01	0.008				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/12	0.020	0.020					0.01	0.010				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/13	0.022	0.022					0.01	0.012				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/14	0.043	0.043					0.01	0.033				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Talana	66/94/15	0.018	0.018					0.01	0.008				Partial bulk ICRAF seedlots to new 66/94
Acacia karroo	South Africa	Tugela Mouth	67/94/01	0.045	0.045					0.01				0.035	
Acacia karroo	South Africa	Tugela Mouth	67/94/02	0.052	0.052					0.01				0.042	
Acacia karroo	South Africa	Tugela Mouth	67/94/03	0.065	0.065					0.01				0.055	
Acacia karroo	South Africa	Tugela Mouth	67/94/04	0.054	0.054					0.01				0.044	
Acacia karroo	South Africa	Tugela Mouth	67/94/05	0.060	0.060					0.01				0.05	
Acacia karroo	South Africa	Tugela Mouth	67/94/06	0.085	0.085					0.01				0.075	
Acacia karroo	South Africa	Tugela Mouth	67/94/07	0.100	0.100					0.01				0.09	
Acacia karroo	South Africa	Tugela Mouth	67/94/08	0.029	0.029					0.01				0.019	
Acacia karroo	South Africa	Umfolozi village	20/94	4.255	3.611		1995	28000	80	0.008	2.000	1.603			
Acacia karroo	South Africa	Umfolozi village	9/94	0.566	0.513		1995	25000	68					0.513	
Acacia karroo	South Africa	Upington	68/94/01	0.020	0.020									0.02	only 6 families. Bin
Acacia karroo	South Africa	Upington	68/94/02	0.019	0.019									0.019	
Acacia karroo	South Africa	Upington	68/94/03	0.029	0.029									0.029	
Acacia karroo	South Africa	Upington	68/94/04	0.014	0.014									0.014	
Acacia karroo	South Africa	Upington	68/94/05	0.028	0.028									0.028	
Acacia karroo	South Africa	Upington	68/94/06	0.025	0.025									0.025	
Acacia karroo	South Africa	Venrhynsdorp	69/94/01	0.005	0.005					0.005					
Acacia karroo	South Africa	Venrhynsdorp	69/94/02	0.005	0.005					0.005					
Acacia karroo	South Africa	Venrhynsdorp	69/94/03	0.003	0.003					0.003					
Acacia karroo	South Africa	Venrhynsdorp	69/94/04	0.005	0.005					0.005					
Acacia karroo	South Africa	Venrhynsdorp	69/94/05	0.006	0.006					0.006					
Acacia karroo	South Africa	Venrhynsdorp	69/94/06	0.003	0.003					0.003					
Acacia karroo	South Africa	Venrhynsdorp	69/94/07	0.002	0.002					0.002					
Acacia karroo	South Africa	Weenen Tree	91/93/01	0.011	0.011						0.011				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/02	0.017	0.017						0.017				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/03	0.023	0.023						0.023				Bulk to new 91/93

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	South Africa	Weenen Tree	91/93/04	0.007	0.007						0.007				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/05	0.030	0.030						0.030				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/06	0.019	0.019						0.019				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/07	0.022	0.022						0.022				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/08	0.023	0.023						0.023				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/09	0.011	0.011						0.011				Bulk to new 91/93
Acacia karroo	South Africa	Weenen Tree	91/93/10	0.019	0.019						0.019				Bulk to new 91/93
Acacia karroo	South Africa	Worcester	10/94	0.130	0.125		1995	13000	60	0.015	0.110				
Acacia karroo	Swaziland	Lembombo	102/93/01	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/02	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/03	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/04	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/05	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/06	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/07	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/08	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/09	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/10	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/11	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/12	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/13	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/14	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/15	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/16	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/17	0.001	0.001					0.001					
Acacia karroo	Swaziland	Lembombo	102/93/18	0.001	0.001					0.001					
Acacia karroo	Zambia	Lusaka	74/94/01	0.009	0.009					0.009					
Acacia karroo	Zambia	Lusaka	74/94/02	0.009	0.009					0.009					
Acacia karroo	Zambia	Lusaka	74/94/03	0.018	0.018					0.01				0.008	
Acacia karroo	Zambia	Lusaka	74/94/04	0.034	0.034					0.01				0.024	
Acacia karroo	Zambia	Lusaka	74/94/05	0.006	0.006					0.006					
Acacia karroo	Zambia	Lusaka	74/94/06	0.003	0.003					0.003					
Acacia karroo	Zambia	Lusaka	74/94/07	0.016	0.016					0.01				0.006	
Acacia karroo	Zambia	Lusaka	74/94/08	0.010	0.010					0.01					
Acacia karroo	Zambia	Lusaka	74/94/09	0.010	0.010					0.01					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Zambia	Lusaka	74/94/10	0.008	0.008					0.008					
Acacia karroo	Zambia	Lusaka	74/94/11	0.026	0.026					0.01				0.016	
Acacia karroo	Zambia	Lusaka	74/94/12	0.060	0.060					0.01				0.05	
Acacia karroo	Zambia	Lusaka	74/94/13	0.040	0.040					0.01				0.03	
Acacia karroo	Zambia	Lusaka	74/94/14	0.006	0.006					0.006					
Acacia karroo	Zambia	Lusaka	74/94/15	0.026	0.026					0.01				0.016	
Acacia karroo	Zambia	Lusaka	74/94/16	0.020	0.020					0.01				0.01	
Acacia karroo	Zambia	Lusaka	74/94/17	0.008	0.008					0.008					
Acacia karroo	Zambia	Lusaka	74/94/18	0.031	0.031					0.01				0.021	
Acacia karroo	Zimbabwe	Gungunyana	45/90	2.494	1.352		1990	7300	17	0.027	1.325				
Acacia karroo	Zimbabwe	Matopos	214/87		0.228									0.228	may not exist at Alice Holt
Acacia karroo	Zimbabwe	Muturoshanga	170/92	0.372	3.724	98				0.02	2.000	1.684	0.02		
Acacia karroo	Zimbabwe	Udu	174/92	4.185	3.197		1994	9800	59	0.02	2.000	1.177			
Acacia karroo	Zimbabwe	Umguzza	21/90	5.980	3.258		1990	20000	81		2.000	1.258			
Acacia karroo	Zimbabwe	Umguzza	63/90/6	0.007	0.007									0.007	only 3 families bin
Acacia karroo	Zimbabwe	Umguzza	63/90/7	0.006	0.006									0.006	
Acacia karroo	Zimbabwe	Umguzza	63/90/8	0.016	0.016									0.016	
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94	0.002	0.050	143				0.01	0.040				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/01	0.040	0.040					0.01	0.030				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/02	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/03	0.003	0.003						0.003				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/04	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/06	0.160	0.160					0.01	0.150				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/07	0.017	0.017						0.017				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/08	0.062	0.062					0.01	0.052				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/09	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/100	0.029	0.029						0.029				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/101	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/102	0.076	0.076					0.01	0.066				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/103	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/104	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/106	0.029	0.029					0.01	0.019				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/107	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/108	0.035	0.035					0.01	0.025				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/109	0.005	0.005						0.005				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/11	0.014	0.014						0.014				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/111	0.011	0.011						0.011				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/112	0.015	0.015						0.015				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/113	0.002	0.002						0.002				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/114	0.003	0.003						0.003				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/115	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/116	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/117	0.043	0.043					0.01	0.033				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/118	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/119	0.017	0.017					0.01	0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/12	0.005	0.005						0.005				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/120	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/121	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/122	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/124	0.011	0.011						0.011				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/125	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/126	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/127	0.008	0.008						0.008				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/128	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/129	0.020	0.020					0.01	0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/13	0.028	0.028					0.01	0.018				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/130	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/131	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/132	0.012	0.012						0.012				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/133	0.035	0.035					0.01	0.025				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/134	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/135	0.014	0.014						0.014				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/136	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/137	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/138	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/139	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/14	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/15	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/16	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/17	0.005	0.005						0.005				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/18	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/19	0.028	0.028					0.01	0.018				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/20	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/21	0.019	0.019					0.01	0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/22	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/23	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/24	0.029	0.029					0.01	0.019				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/25	0.012	0.012						0.012				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/27	0.002	0.002						0.002				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/28	0.043	0.043						0.043				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/29	0.052	0.052					0.01	0.042				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/30	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/31	0.003	0.003						0.003				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/32	0.008	0.008						0.008				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/33	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/34	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/35	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/36	0.022	0.022						0.022				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/37	0.034	0.034					0.01	0.024				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/38	0.017	0.017						0.017				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/39	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/40	0.024	0.024						0.024				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/41	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/42	0.053	0.053						0.053				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/43	0.057	0.057					0.01	0.047				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/44	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/45	0.079	0.079					0.01	0.069				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/46	0.014	0.014						0.014				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/47	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/48	0.012	0.012						0.012				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/49	0.005	0.005						0.005				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/50	0.018	0.018						0.018				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/51	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/53	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/54	0.009	0.009						0.009				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/56	0.058	0.058					0.01	0.048				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/57	0.005	0.005						0.005				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/58	0.026	0.026						0.026				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/59	0.066	0.066					0.01	0.056				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/60	0.054	0.054						0.054				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/61	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/62	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/64	0.035	0.035						0.035				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/65	0.064	0.064					0.01	0.054				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/67	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/68	0.021	0.021						0.021				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/69	0.074	0.074					0.01	0.064				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/70	0.034	0.034						0.034				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/71	0.029	0.029						0.029				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/73	0.046	0.046						0.046				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/74	0.005	0.005						0.005				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/75	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/76	0.005	0.005						0.005				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/77	0.053	0.053					0.01	0.043				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/78	0.009	0.009						0.009				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/79	0.011	0.011						0.011				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/80	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/81	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/82	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/83	0.023	0.023						0.023				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/84	0.006	0.006						0.006				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/85	0.019	0.019						0.019				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/86	0.060	0.060						0.060				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/87	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/89	0.066	0.066					0.01	0.056				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/90	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/91	0.010	0.010						0.010				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/92	0.022	0.022						0.022				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/93	0.004	0.004						0.004				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/94	0.008	0.008						0.008				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/95	0.014	0.014						0.014				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/96	0.011	0.011						0.011				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/97	0.080	0.080					0.01	0.070				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/98	0.052	0.052						0.052				
Acacia karroo	Zimbabwe	Uve Horse Paddock	113/94/99	0.007	0.007						0.007				
Acacia karroo	Zimbabwe	Uveblacks	80/94	0.001	0.008	22								0.008	Better material in Horse paddock - bin
Acacia karroo	Zimbabwe	Uveblacks	80/94/01	0.008	0.008									0.008	
Acacia karroo	Zimbabwe	Uveblacks	80/94/02	0.003	0.003									0.003	
Acacia karroo	Zimbabwe	Uveblacks	80/94/03	0.015	0.015									0.015	
Acacia karroo	Zimbabwe	Uveblacks	80/94/04	0.014	0.014									0.014	
Acacia karroo	Zimbabwe	Uveblacks	80/94/05	0.016	0.016									0.016	
Acacia karroo	Zimbabwe	Uveblacks	80/94/06	0.027	0.027									0.027	
Acacia karroo	Zimbabwe	Uveblacks	80/94/07	0.078	0.078									0.078	
Acacia karroo	Zimbabwe	Uveblacks	80/94/08	0.038	0.038									0.038	
Acacia karroo	Zimbabwe	Uveblacks	80/94/09	0.004	0.004									0.004	
Acacia karroo	Zimbabwe	Uveblacks	80/94/10	0.012	0.012									0.012	
Acacia karroo	Zimbabwe	Uveblacks	80/94/11	0.010	0.010									0.01	
Acacia karroo	Zimbabwe	Uveblacks	80/94/12	0.008	0.008									0.008	
Acacia karroo	Zimbabwe	Uveblacks	80/94/13	0.021	0.021									0.021	
Acacia karroo	Zimbabwe	Uveblacks	80/94/14	0.005	0.005									0.005	
Acacia karroo	Zimbabwe	Uveblacks	80/94/15	0.011	0.011									0.011	
Acacia karroo	Zimbabwe	Uveblacks	80/94/16	0.013	0.013									0.013	
Acacia karroo	Zimbabwe	Uveblacks	80/94/17	0.031	0.031									0.031	
Acacia karroo	Zimbabwe	Uveblacks	80/94/18	0.007	0.007									0.007	
Acacia karroo	Zimbabwe	Uveblacks	80/94/19	0.017	0.017									0.017	
Acacia karroo	Zimbabwe	Uveblacks	80/94/20	0.023	0.023									0.023	
Acacia karroo	Zimbabwe	Uveblacks	80/94/21	0.008	0.008									0.008	
Acacia karroo	Zimbabwe	Uveblacks	80/94/22	0.003	0.003									0.003	
Acacia mangium	Australia	Claudie River	68/85	0.020	0.003					0.003					
Acacia mangium	Australia	Mossman	69/85	0.020	0.010					0.005					
Acacia nigrescens	Zimbabwe	Tinde River	207/87		0.439					0.04				0.399	may not exist at Alice Holt
Acacia nilotica	Kenya	Lodwar-2	164/87		0.167									0.167	may not exist at Alice Holt
Acacia nilotica	Zimbabwe	MASC-Mashonalan	167/87		0.420									0.42	may not exist at Alice Holt
Acacia nilotica	Zimbabwe	MASW-Mashonalan	161/87		0.092									0.092	may not exist at Alice Holt
Acacia nilotica	Zimbabwe	MASW-Mashonalan	162/87		0.228									0.228	may not exist at Alice Holt

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia nilotica	Zimbabwe	MASW-Mashonaland	166/87		0.126									0.126	may not exist at Alice Holt
Acacia nilotica	Zimbabwe	Matetsi Riv Ran	205/87		0.185									0.185	may not exist at Alice Holt
Acacia nilotica adstringens	Sudan	Umm Ruwoba	7/93	1.365	0.060		1993	3900	85	0.06					
Acacia nilotica cupressiformis	India	Pune	5/93	1.578	0.497		1993	6300	91	0.032	0.465				
Acacia nilotica indica	India	Nalgonda-1	18/93	0.468	0.209		1993	6500			0.209				
Acacia nilotica indica	India	Nalgonda-2	11/93	1.516	0.678		1993	6500	93	0.031	0.647				
Acacia nilotica kraussiana	Botswana	Molepolole	27/90	0.819	-0.200		1991								
Acacia nilotica kraussiana	Malawi	Chantulo	73/92	6.560	4.297		1992	5400	82	0.037	2.000	2.26			
Acacia nilotica kraussiana	Malawi	Sinudzi	130/91	5.680	4.311		1991	4800		0.042	2.000	2.269			
Acacia nilotica kraussiana	Namibia	Kaoka Otavi	77/94		-0.250	26									
Acacia nilotica kraussiana	Namibia	Kaoka Otavi	77/94/26	0.062	0.062					0.062					
Acacia nilotica kraussiana	Namibia	Tsumeb	75/94	3.220	1.867		1995	5600	75	0.036	1.831				
Acacia nilotica kraussiana	South Africa	Hluhluwe	26/92	5.080	3.998		1992	8700	61	0.023	2.000	1.975			
Acacia nilotica kraussiana	Swaziland	Tunzini	19/94	11.600	10.334		1995	8000	70	0.025	2.000	8.309			
Acacia nilotica kraussiana	Zimbabwe	Beacon Hill	42/90	2.020	0.205			5500	68	0.036	0.169				
Acacia nilotica kraussiana	Zimbabwe	Bumba	48/90	3.450	1.881			3100	36					1.881	low germination - bin
Acacia nilotica kraussiana	Zimbabwe	Bveni Dip	53/90	2.630	2.575			5400	77	0.037	2.000	0.538			
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90		1.295	25	1991	6300	96	0.032	1.263				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/51	0.164	0.109					0.032	0.077				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/52	0.187	0.057					0.032	0.025				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/53	0.194	0.064					0.032	0.032				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/54	0.226	0.096					0.032	0.064				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/56	0.204	0.074					0.032	0.042				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/57	0.178	0.048					0.032	0.016				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/58	0.158	0.028					0.028					
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/59	0.221	0.091					0.032	0.059				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/60	0.180	0.050					0.032	0.018				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/61	0.196	0.066					0.032	0.034				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/62	0.210	0.080					0.032	0.048				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/63	0.206	0.076					0.032	0.044				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/64	0.114	0.034					0.034					
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/65	0.207	0.077					0.032	0.045				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/66	0.161	0.031					0.031					
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/67	0.218	0.088					0.032	0.056				
Acacia nilotica kraussiana	Zimbabwe	Chabalala	35/90/68	0.216	0.086					0.032	0.054				

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Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/69	0.117	0.037					0.032	0.005				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/70	0.166	0.036					0.032	0.004				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/71	0.187	0.057					0.032	0.025				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/72	0.249	0.119					0.032	0.087				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/73	0.218	0.088					0.032	0.056				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/74	0.254	0.124					0.032	0.092				
Acacia nilotica kraussiar	Zimbabwe	Chabalala	35/90/75	0.203	0.073					0.032	0.041				
Acacia nilotica kraussiar	Zimbabwe	Chiramba	50/90	2.910	1.852			3300	48	0.061	1.791				
Acacia nilotica kraussiar	Zimbabwe	Chivu	104/87	0.007	0.007									0.007	may not exist in Alice Holt
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90		0.539	25	1991	5900	72	0.034	0.505				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/01	0.307	0.122					0.034	0.088				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/03	0.232	0.047					0.034	0.013				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/04	0.517	0.332					0.034	0.298				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/05	0.410	0.225					0.034	0.191				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/06	0.568	0.383					0.034	0.349				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/07	0.462	0.277					0.034	0.243				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/08	0.421	0.236					0.034	0.202				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/09	0.291	0.106					0.034	0.072				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/10	0.475	0.290					0.034	0.256				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/11	0.762	0.577					0.034	0.543				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/12	0.237	0.052					0.034	0.018				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/13	0.225	0.040					0.04					
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/14	0.104	0.019					0.019					
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/15	0.308	0.123					0.034	0.089				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/16	0.131	0.046					0.034	0.012				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/17	0.277	0.092					0.034	0.058				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/18	0.305	0.120					0.034	0.086				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/19	0.535	0.350					0.034	0.316				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/20	0.383	0.198					0.034	0.164				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/21	0.370	0.185					0.034	0.151				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/22	0.388	0.203					0.034	0.169				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/23	0.554	0.369					0.034	0.335				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/24	0.593	0.408					0.034	0.374				
Acacia nilotica kraussiar	Zimbabwe	Chivu	61/90/25	0.228	0.043					0.034	0.009				
Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/01	1.955	1.947					0.017				1.93	

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Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/02	2.356	2.356					0.017				2.339	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/03	1.910	1.910					0.017				1.893	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/04	2.099	2.099					0.017				2.082	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/05	2.245	2.245					0.017				2.228	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	22/90/06	1.624	1.624					0.017				1.607	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	33/90		-0.125	25	1991	12000							
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/100	0.111	0.111					0.017				0.094	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/77	0.140	0.140					0.017				0.123	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/78	0.022	0.022					0.017				0.005	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/82	0.033	0.033					0.017				0.016	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/84	0.026	0.026					0.017				0.009	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/86	0.063	0.063					0.017				0.046	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/88	0.366	0.366					0.017				0.349	
Acacia nilotica kraussiar	Zimbabwe	Dovenby	36/90/94	0.225	0.225					0.017				0.208	
Acacia nilotica kraussiar	Zimbabwe	Iwaba	17/90	2.290	1.247			6100	78	0.033	1.214				
Acacia nilotica kraussiar	Zimbabwe	Sengwa	19/90	0.758	0.317			7700	86	0.026	0.291				
Acacia nilotica kraussiar	Zimbabwe	Umguz	43/90	2.609	1.143			7200	58	0.02	1.123				
Acacia nilotica kraussiar	Zimbabwe	Umguz	62/90/16	0.040	0.040									0.04	only 5 families - bin
Acacia nilotica kraussiar	Zimbabwe	Umguz	62/90/17	0.032	0.032									0.032	
Acacia nilotica kraussiar	Zimbabwe	Umguz	62/90/18	0.037	0.037									0.037	
Acacia nilotica kraussiar	Zimbabwe	Umguz	62/90/19	0.028	0.028									0.028	
Acacia nilotica kraussiar	Zimbabwe	Umguz	62/90/20	0.064	0.064									0.064	
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90		1.924	26	1991	6600	42	0.03	1.894				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/01	0.489	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/02	0.476	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/03	0.466	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/04	0.499	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/05	0.509	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/06	0.513	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/07	0.502	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/08	0.474	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/09	0.513	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/10	0.500	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/11	0.518	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/12	0.519	0.337					0.03	0.307				

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Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/13	0.468	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/14	0.466	0.337						0.337				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/15	0.467	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/16	0.496	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/17	0.481	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/18	0.474	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/19	0.485	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/20	0.523	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/21	0.515	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/22	0.538	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/23	0.505	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/24	0.507	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/25	0.486	0.337					0.03	0.307				
Acacia nilotica leiocarpa	Kenya	Sabaki	82/90/26	0.517	0.337					0.03	0.307				
Acacia nilotica nilotica	Sudan	Wad. Nimir	20/93	1.136	0.209		1993	8400	98	0.024	0.185				
Acacia nilotica subalata	India	Pune-1	10/93	0.100	0.095					0.025	0.070				
Acacia nilotica subalata	Kenya	Kipchere	111/87	0.238	0.221		1997	12000	97	0.017	0.204				
Acacia nilotica subalata	Kenya	Makueni	81/90		1.516	26	1991	7200	94	0.028	1.488				
Acacia nilotica subalata	Kenya	Makueni	81/90/01	0.196	0.141					0.028	0.113				
Acacia nilotica subalata	Kenya	Makueni	81/90/02	0.294	0.239					0.028	0.211				
Acacia nilotica subalata	Kenya	Makueni	81/90/03	0.176	0.121					0.028	0.093				
Acacia nilotica subalata	Kenya	Makueni	81/90/04	0.252	0.197					0.028	0.169				
Acacia nilotica subalata	Kenya	Makueni	81/90/05	0.154	0.099					0.028	0.071				
Acacia nilotica subalata	Kenya	Makueni	81/90/06	0.212	0.157					0.028	0.129				
Acacia nilotica subalata	Kenya	Makueni	81/90/07	0.240	0.185					0.028	0.157				
Acacia nilotica subalata	Kenya	Makueni	81/90/08	0.215	0.160					0.028	0.132				
Acacia nilotica subalata	Kenya	Makueni	81/90/09	0.291	0.236					0.028	0.208				
Acacia nilotica subalata	Kenya	Makueni	81/90/10	0.260	0.205					0.028	0.177				
Acacia nilotica subalata	Kenya	Makueni	81/90/11	0.227	0.172					0.028	0.144				
Acacia nilotica subalata	Kenya	Makueni	81/90/12	0.202	0.147					0.028	0.119				
Acacia nilotica subalata	Kenya	Makueni	81/90/13	0.192	0.137					0.028	0.109				
Acacia nilotica subalata	Kenya	Makueni	81/90/14	0.084	0.079					0.028	0.051				
Acacia nilotica subalata	Kenya	Makueni	81/90/15	0.098	0.093						0.093				
Acacia nilotica subalata	Kenya	Makueni	81/90/16	0.464	0.409					0.028	0.381				
Acacia nilotica subalata	Kenya	Makueni	81/90/17	0.376	0.321					0.028	0.293				

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Acacia nilotica subalata	Kenya	Makueni	81/90/18	0.347	0.292					0.028	0.264				
Acacia nilotica subalata	Kenya	Makueni	81/90/19	0.295	0.240					0.028	0.212				
Acacia nilotica subalata	Kenya	Makueni	81/90/20	0.288	0.233					0.028	0.205				
Acacia nilotica subalata	Kenya	Makueni	81/90/21	0.407	0.357					0.028	0.329				
Acacia nilotica subalata	Kenya	Makueni	81/90/22	0.312	0.262					0.028	0.234				
Acacia nilotica subalata	Kenya	Makueni	81/90/23	0.432	0.382					0.028	0.354				
Acacia nilotica subalata	Kenya	Makueni	81/90/24	0.931	0.881					0.028	0.853				
Acacia nilotica subalata	Kenya	Makueni	81/90/25	0.591	0.541					0.028	0.513				
Acacia nilotica subalata	Kenya	Makueni	81/90/26	0.541	0.491					0.028	0.463				
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/01	0.001	0.001					0.001					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/02	0.017	0.012					0.012					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/03	0.030	0.025					0.025					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/04	0.021	0.016					0.016					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/05	0.026	0.021					0.021					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/06	0.022	0.017					0.017					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/07	0.025	0.020					0.020					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/08	0.002	0.002					0.002					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/09	0.007	0.007					0.007					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/10	0.024	0.019					0.019					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/11	0.019	0.014					0.014					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/12	0.018	0.013					0.013					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/13	0.090	0.085					0.085					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/14	0.006	0.006					0.006					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/15	0.023	0.018					0.018					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/16	0.016	0.011					0.011					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/17	0.029	0.024					0.024					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/18	0.011	0.006					0.006					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/19	0.006	0.006					0.006					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/20	0.017	0.012					0.012					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/21	0.017	0.012					0.012					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/22	0.017	0.012					0.012					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/23	0.024	0.019					0.019					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/24	0.016	0.011					0.011					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	68/90/25	0.026	0.021					0.021					
Acacia nilotica tomentos	Cape Verde	Ile de Santiago	69/90	0.085	0.085					0.036	0.049				

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Acacia nilotica tomentos	Cape Verde	Ile de Santiago	70/90	0.130	0.107			5500	92	0.036	0.071				
Acacia nilotica tomentos	Senegal	Ngaoule	64/88	0.990	0.310		1988	7100	88	0.028	0.282				
Acacia nilotica tomentos	Sudan	Hariri Forest	3/93	1.146	0.178		1993	7900	80	0.025	0.153				
Acacia pennatula	Honduras	Moroceli	17/83	8.680	0.024	18		11000	75	0.018	0.006				
Acacia pennatula	Honduras	Moroceli	17/83/01	0.145	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/02	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/03	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/04	0.135	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/05	0.065	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/06	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/07	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/08	0.090	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/09	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/10	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/11	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/12	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/13	0.100	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/14	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/15	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/16	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/17	0.150	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	17/83/18	0.140	0.065						0.047		0.018		Bulk ICRAF seedlots to 17/83
Acacia pennatula	Honduras	Moroceli	67/87	0.980	0.297		1987	12500	72		0.297				
Acacia polyacantha can	Tanzania	Morogoro	11/92	0.045	0.026		1992	11000		0.02				0.006	
Acacia rhemaniana	Zimbabwe	Nyamafufu	51/90	0.129	0.110		1991	2700		0.074					
Acacia schaffneri	Mexico	Tamazulapan	111/92	0.079	0.076		1992	5800	80	0.034			0.042		
Acacia senegal leiorhac	Botswana	Taupye 2	38/90	0.036	0.019					0.019					
Acacia senegal leiorhac	Kenya	Lesasia	17/95/01	0.025											
Acacia senegal leiorhac	Kenya	Lesasia	17/95/02	0.038	0.038					0.038					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90		0.071	33				0.02	0.051				
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/01	0.030	0.015					0.015					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/02	0.045	0.025					0.025					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/03	0.030	0.015					0.015					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/04	0.003	0.003					0.003					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/05	0.014	0.005					0.005					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/06	0.007	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/07	0.004	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/08	0.018	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/09	0.036	0.021					0.021					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/10	0.018	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/11	0.009	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/12	0.008	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/13	0.013	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/14	0.020	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/15	0.021	0.006					0.006					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/16	0.004	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/17	0.017	0.005					0.005					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/18	0.006	0.006					0.006					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/19	0.021	0.006					0.006					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/20	0.006	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/21	0.044	0.024					0.024					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/22	0.056	0.036					0.036					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/23	0.078	0.048					0.048					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/24	0.007	0.007					0.007					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/25	0.004	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/26	0.006	0.006					0.006					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/27	0.014	0.004					0.004					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/28	0.026	0.011					0.011					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/29	0.001	0.008					0.008					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/30	0.001	0.009					0.009					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/31	0.002	0.002					0.002					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/32	0.023	0.008					0.008					
Acacia senegal leiorhac	Kenya	Oltepesi	83/90/33	0.019	0.005					0.005					
Acacia senegal senegal	Ethiopia	Arba Nosa	141/94	0.890	0.456		1995	6400	69	0.031	0.325				
Acacia senegal senegal	Sudan	Fallatu Forest	15/93	1.048	0.599		1993	10000	92	0.04	0.559				
Acacia senegal senegal	Tanzania	Kigwe	13/92	2.506	1.998		1992	7900	86	0.02	1.958				
Acacia senegal senegal	Tanzania	Mtandika 2	14/92	2.096	1.269		1992	8500	91	0.023	1.146				
Acacia senegal senegal	Tanzania	Wagingombe	17/92	0.988	0.450		1992	6900	84	0.029	0.421				
Acacia seyal fistula	Malawi	Chantulo	77/92	0.235	0.197	51	1992	13000	72	0.015	0.182				
Acacia seyal fistula	Malawi	Chantulo	77/92/01	0.003	0.003						0.003				

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Acacia seyal fistula	Malawi	Chantulo	77/92/02	0.003	0.003						0.003				
Acacia seyal fistula	Malawi	Chantulo	77/92/03	0.003	0.003						0.003				
Acacia seyal fistula	Malawi	Chantulo	77/92/04	0.001	0.001						0.001				
Acacia seyal fistula	Malawi	Chantulo	77/92/05	0.002	0.002						0.002				
Acacia seyal fistula	Malawi	Chantulo	77/92/06	0.001	0.001						0.001				
Acacia seyal fistula	Malawi	Chantulo	77/92/07	0.018	0.018					0.018					
Acacia seyal fistula	Malawi	Chantulo	77/92/08	0.040	0.040					0.015	0.025				
Acacia seyal fistula	Malawi	Chantulo	77/92/09	0.007	0.007						0.007				
Acacia seyal fistula	Malawi	Chantulo	77/92/10	0.008	0.008						0.008				
Acacia seyal fistula	Malawi	Chantulo	77/92/11	0.042	0.042					0.015	0.027				
Acacia seyal fistula	Malawi	Chantulo	77/92/12	0.086	0.086					0.015	0.071				
Acacia seyal fistula	Malawi	Chantulo	77/92/13	0.023	0.023						0.023				
Acacia seyal fistula	Malawi	Chantulo	77/92/14	0.060	0.060					0.015	0.045				
Acacia seyal fistula	Malawi	Chantulo	77/92/15	0.016	0.016					0.016					
Acacia seyal fistula	Malawi	Chantulo	77/92/16	0.010	0.010						0.010				
Acacia seyal fistula	Malawi	Chantulo	77/92/17	0.010	0.010						0.010				
Acacia seyal fistula	Malawi	Chantulo	77/92/18	0.007	0.007						0.007				
Acacia seyal fistula	Malawi	Chantulo	77/92/19	0.015	0.015					0.015					
Acacia seyal fistula	Malawi	Chantulo	77/92/20	0.034	0.034					0.015	0.019				
Acacia seyal fistula	Malawi	Chantulo	77/92/21	0.049	0.049					0.015	0.034				
Acacia seyal fistula	Malawi	Chantulo	77/92/22	0.027	0.027					0.015	0.012				
Acacia seyal fistula	Malawi	Chantulo	77/92/23	0.045	0.045					0.015	0.030				
Acacia seyal fistula	Malawi	Chantulo	77/92/24	0.041	0.041					0.015	0.026				
Acacia seyal fistula	Malawi	Chantulo	77/92/25	0.024	0.024						0.024				
Acacia seyal fistula	Malawi	Chantulo	77/92/26	0.038	0.038					0.015	0.023				
Acacia seyal fistula	Malawi	Chantulo	77/92/27	0.070	0.070					0.015	0.055				
Acacia seyal fistula	Malawi	Chantulo	77/92/28	0.027	0.027					0.015	0.012				
Acacia seyal fistula	Malawi	Chantulo	77/92/31	0.008	0.008						0.008				
Acacia seyal fistula	Malawi	Chantulo	77/92/32	0.020	0.020					0.015	0.005				
Acacia seyal fistula	Malawi	Chantulo	77/92/33	0.025	0.025					0.015	0.010				
Acacia seyal fistula	Malawi	Chantulo	77/92/34	0.008	0.008						0.008				
Acacia seyal fistula	Malawi	Chantulo	77/92/35	0.033	0.033					0.015	0.018				
Acacia seyal fistula	Malawi	Chantulo	77/92/36	0.015	0.015						0.015				
Acacia seyal fistula	Malawi	Chantulo	77/92/37	0.025	0.025					0.015	0.010				
Acacia seyal fistula	Malawi	Chantulo	77/92/38	0.016	0.016					0.016					

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Acacia seyal fistula	Malawi	Chantulo	77/92/39	0.007	0.007						0.007				
Acacia seyal fistula	Malawi	Chantulo	77/92/40	0.048	0.048					0.015	0.033				
Acacia seyal fistula	Malawi	Chantulo	77/92/41	0.021	0.021					0.015	0.006				
Acacia seyal fistula	Malawi	Chantulo	77/92/42	0.009	0.009						0.009				
Acacia seyal fistula	Malawi	Chantulo	77/92/43	0.008	0.008						0.008				
Acacia seyal fistula	Malawi	Chantulo	77/92/44	0.060	0.060					0.015	0.045				
Acacia seyal fistula	Malawi	Chantulo	77/92/45	0.010	0.010						0.010				
Acacia seyal fistula	Malawi	Chantulo	77/92/46	0.051	0.051					0.015	0.036				
Acacia seyal fistula	Malawi	Chantulo	77/92/47	0.018	0.018						0.018				
Acacia seyal fistula	Malawi	Chantulo	77/92/48	0.030	0.030					0.015	0.015				
Acacia seyal fistula	Malawi	Chantulo	77/92/50	0.011	0.011						0.011				
Acacia seyal fistula	Malawi	Chantulo	77/92/51	0.002	0.002						0.002				
Acacia seyal seyal	Kenya	Ngong	86/90	0.199	0.191			17000	88	0.012	0.159				
Acacia sieberana	Zimbabwe	MAN-Manicaland-3	169/87		0.288									0.288	
Acacia sieberana woodi	Zimbabwe	Harare	1/89		0.935	10	1991			0.02	0.915				
Acacia sieberana woodi	Zimbabwe	Harare	1/89/01	0.680	0.580									0.58	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/02	0.918	0.818									0.818	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/03	0.698	0.598									0.598	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/04	0.710	0.610									0.61	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/05	0.318	0.218									0.218	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/06	0.225	0.125									0.125	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/07	0.372	0.272									0.272	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/08	0.541	0.441									0.441	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/09	1.345	1.245									1.245	
Acacia sieberana woodi	Zimbabwe	Harare	1/89/10	0.368	0.268									0.268	
Acacia sieberana woodi	Zimbabwe	MATN-Matabeleland	171/87		3.723									3.723	may not exist at Alice Holt
Acacia sieberana woodi	Zimbabwe	Tegwan	71/90	0.023	0.018										
Acacia tortilis	Israel	Negev	1/93	0.275	0.248		1993	36000	94	0.006	0.242				
Acacia tortilis	Kenya	Kibwezi	172/87		0.190									0.19	may not exist at Alice Holt
Acacia tortilis	Yemen Republic	Ahwar-1	19/93	0.611	0.497		1993	59000	87	0.004	0.493				
Acacia tortilis	Zimbabwe	Kazungula-2	203/87		1.168									1.168	may not exist at Alice Holt
Acacia tortilis	Zimbabwe	Matetsi Riv Ran	204/87		0.034									0.034	may not exist at Alice Holt
Acacia tortilis heteracan	Botswana	Gaborone	30/90	0.672	0.343		1990	26000	72	0.008	0.335				
Acacia tortilis heteracan	Botswana	Maun	166/92	4.485	3.497	30	1997	26000	96	0.008	3.489				
Acacia tortilis heteracan	Botswana	Maun	166/92/01	0.028	0.028						0.028				

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Acacia tortilis heteracan	Botswana	Maun	166/92/02	0.147	0.147					0.008	0.139				
Acacia tortilis heteracan	Botswana	Maun	166/92/03	1.442	1.418					0.008	1.410				
Acacia tortilis heteracan	Botswana	Maun	166/92/04	0.262	0.238					0.008	0.230				
Acacia tortilis heteracan	Botswana	Maun	166/92/05	0.595	0.571					0.008	0.563				
Acacia tortilis heteracan	Botswana	Maun	166/92/06	0.280	0.256					0.008	0.248				
Acacia tortilis heteracan	Botswana	Maun	166/92/07	0.562	0.538					0.008	0.530				
Acacia tortilis heteracan	Botswana	Maun	166/92/08	0.668	0.644					0.008	0.636				
Acacia tortilis heteracan	Botswana	Maun	166/92/09	0.983	0.959					0.008	0.951				
Acacia tortilis heteracan	Botswana	Maun	166/92/10	0.423	0.399					0.008	0.391				
Acacia tortilis heteracan	Botswana	Maun	166/92/11	0.212	0.212					0.008	0.204				
Acacia tortilis heteracan	Botswana	Maun	166/92/12	0.588	0.564						0.564				
Acacia tortilis heteracan	Botswana	Maun	166/92/13	0.292	0.292					0.008	0.284				
Acacia tortilis heteracan	Botswana	Maun	166/92/14	0.903	0.879					0.008	0.871				
Acacia tortilis heteracan	Botswana	Maun	166/92/15	0.490	0.466					0.008	0.458				
Acacia tortilis heteracan	Botswana	Maun	166/92/16	0.541	0.517					0.008	0.509				
Acacia tortilis heteracan	Botswana	Maun	166/92/17	0.813	0.789						0.789				
Acacia tortilis heteracan	Botswana	Maun	166/92/18	0.253	0.253					0.008	0.245				
Acacia tortilis heteracan	Botswana	Maun	166/92/19	1.047	1.023					0.008	1.015				
Acacia tortilis heteracan	Botswana	Maun	166/92/20	0.781	0.757					0.008	0.749				
Acacia tortilis heteracan	Botswana	Maun	166/92/21	0.429	0.405					0.008	0.397				
Acacia tortilis heteracan	Botswana	Maun	166/92/22	0.612	0.588						0.588				
Acacia tortilis heteracan	Botswana	Maun	166/92/23	0.936	0.912					0.008	0.904				
Acacia tortilis heteracan	Botswana	Maun	166/92/24	0.488	0.464					0.008	0.456				
Acacia tortilis heteracan	Botswana	Maun	166/92/25	0.551	0.527					0.008	0.519				
Acacia tortilis heteracan	Botswana	Maun	166/92/26	0.396	0.372					0.008	0.364				
Acacia tortilis heteracan	Botswana	Maun	166/92/27	1.028	1.004						1.004				
Acacia tortilis heteracan	Botswana	Maun	166/92/28	0.483	0.459					0.008	0.451				
Acacia tortilis heteracan	Botswana	Maun	166/92/29	0.463	0.439					0.008	0.431				
Acacia tortilis heteracan	Botswana	Maun	166/92/30	0.342	0.318					0.008	0.310				
Acacia tortilis heteracan	Botswana	Molepolole	32/90	0.613	0.280		1990	19000	71	0.01	0.270				
Acacia tortilis heteracan	Botswana	Ngami	54/90	2.580	0.728			11000	39	0.018	0.710				
Acacia tortilis heteracan	Botswana	Taupye	29/90	0.265	0.014		1990	20000	67	0.014					
Acacia tortilis heteracan	Botswana	Zanzibar	28/90	0.370	0.334		1990	31000	77	0.006	0.328				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92	3.382	2.167	27	1992	20000	80	0.01	2.000	0.157			
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/01	0.669	0.655					0.01	0.645				

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Acacia tortilis heteracan	Namibia	Sesfontein	69/92/02	0.745	0.731					0.01	0.721				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/03	0.369	0.355					0.01	0.345				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/04	0.517	0.503					0.01	0.493				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/05	0.528	0.514					0.01	0.504				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/06	0.899	0.885					0.01	0.875				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/07	0.844	0.830					0.01	0.820				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/08	0.736	0.722					0.01	0.712				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/09	0.895	0.881					0.01	0.871				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/10	0.340	0.326					0.01	0.316				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/11	0.414	0.400					0.01	0.390				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/12	1.018	1.004					0.01	0.994				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/13	0.951	0.937						0.937				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/14	0.619	0.605					0.01	0.595				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/15	0.840	0.826						0.826				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/16	0.776	0.762					0.01	0.752				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/17	0.505	0.491					0.01	0.481				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/18	0.797	0.783					0.01	0.773				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/19	0.332	0.318					0.01	0.308				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/20	0.835	0.821					0.01	0.811				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/21	0.630	0.616					0.01	0.606				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/22	0.510	0.496					0.01	0.486				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/23	0.456	0.442					0.01	0.432				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/24	0.887	0.873					0.01	0.863				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/25	0.314	0.314					0.01	0.304				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/26	0.471	0.457					0.01	0.447				
Acacia tortilis heteracan	Namibia	Sesfontein	69/92/27	0.632	0.618					0.01	0.608				
Acacia tortilis heteracan	South Africa	Gungundhlovu	27/92	3.805	2.878		1992	19000	67	0.01	2.000	0.868			
Acacia tortilis heteracan	South Africa	Tshipise	167/92	3.405	2.496		1997	20000	72	0.01	2.000	0.486			
Acacia tortilis heteracan	Swaziland	Lemunyamanyama	18/94	7.735	6.884		1995	24000	69	0.008	2.000	4.876			
Acacia tortilis heteracan	Zimbabwe	Birchenough Bridge	14/90	8.680	7.833		1990	24000	93	0.008	2.000	5.825			
Acacia tortilis heteracan	Zimbabwe	Chikwiizi	13/90	11.460	10.593		1990	19000	92	0.01	2.000	8.583			
Acacia tortilis heteracan	Zimbabwe	Chirwe River	175/87		0.134									0.134	may not exist at Alice Holt
Acacia tortilis heteracan	Zimbabwe	Gonarezhou-2	180/87		0.057									0.057	may not exist at Alice Holt
Acacia tortilis heteracan	Zimbabwe	MAN-Manicaland-5	176/87		0.165									0.165	may not exist at Alice Holt
Acacia tortilis heteracan	Zimbabwe	MASV-Masvingo-10	178/87		0.178									0.178	may not exist at Alice Holt

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia tortilis heteracanth	Zimbabwe	MASV-Masvingo-8	173/87		0.073									0.073	may not exist at Alice Holt
Acacia tortilis heteracanth	Zimbabwe	MASV-Masvingo-9	177/87		0.080									0.08	may not exist at Alice Holt
Acacia tortilis heteracanth	Zimbabwe	Malipati	29/92	3.880	3.124		1992	15000	40	0.013	2.000	1.111			
Acacia tortilis heteracanth	Zimbabwe	Murote River	12/90	11.810	10.607		1990	25000	95	0.008	2.000	8.599			
Acacia tortilis heteracanth	Zimbabwe	Umguza	34/90	1.956	0.800		1990	23000	61	0.01	0.790				
Acacia tortilis heteracanth	Zimbabwe	Wengesi	55/90	0.444	0.282			11000	37	0.018	0.264				
Acacia tortilis raddiana	Israel	Negev	13/93	0.869	0.590		1993	12000	81	0.017	0.573				
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92	0.194	1.925	18	1992	20000	87	0.01	1.915				
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/01	1.361	1.341					0.01			0.01	1.321	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/02	0.542	0.522					0.01			0.01	0.502	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/03	0.718	0.698					0.01			0.01	0.678	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/04	1.195	1.175					0.01			0.01	1.155	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/05	0.532	0.512					0.01			0.01	0.492	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/06	0.289	0.269					0.01			0.01	0.249	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/07	0.480	0.460					0.01			0.01	0.44	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/08	0.108	0.088					0.01			0.01	0.068	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/09	0.127	0.107					0.01			0.01	0.087	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/10	0.390	0.370					0.01			0.01	0.35	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/11	0.585	0.565					0.01			0.01	0.545	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/13	0.238	0.218					0.01			0.01	0.198	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/14	0.403	0.383					0.01			0.01	0.363	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/15	0.231	0.211					0.01			0.01	0.191	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/16	0.253	0.233					0.01			0.01	0.213	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/17	0.673	0.653					0.01			0.01	0.643	
Acacia tortilis raddiana	Kenya	Shela (Lamu)	72/92/18	0.340	0.320					0.01			0.01	0.3	
Acacia tortilis raddiana	Senegal	Guidick Mbane	9/93	0.688	0.221		1993	15000	96	0.013	0.208				
Acacia tortilis raddiana	Sudan	Bara (Northern Kord	12/93	0.633	0.164		1993	15000	96	0.013	0.151				
Acacia tortilis spirocarpa	Ethiopia	Langano	116/94	1.980	1.912		1995	13000	89	0.013	1.899				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/01	0.199	0.199					0.021	0.178				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/02	0.067	0.067					0.021	0.046				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/03	0.253	0.253					0.021	0.232				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/04	0.034	0.034					0.021	0.013				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/06	0.630	0.630					0.021	0.609				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/07	0.163	0.163					0.021	0.142				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/08	0.015	0.015						0.015				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/09	0.252	0.252					0.021	0.231				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/10	0.214	0.214					0.021	0.193				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/11	0.172	0.172					0.021	0.151				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/12	0.358	0.348		1995	9400	81	0.021	0.327				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/13	0.218	0.218					0.021	0.197				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/14	0.126	0.126					0.021	0.105				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/15	0.247	0.247					0.021	0.226				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/16	0.105	0.105					0.021	0.084				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/17	0.180	0.180					0.021	0.159				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/18	0.168	0.168					0.021	0.147				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/19	0.228	0.228					0.021	0.207				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/20	0.091	0.091					0.021	0.070				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/21	0.095	0.095					0.021	0.074				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/22	0.191	0.191					0.021	0.170				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/23	0.035	0.035					0.021	0.014				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/24	0.068	0.068					0.021	0.047				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/25	0.086	0.086					0.021	0.065				
Acacia tortilis spirocarpa	Kenya	Makueni	26/94/26	0.105	0.105					0.021	0.084				
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94	0.133	0.031	25	1995	8100	64	0.025	0.006				
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/01	0.217	0.185					0.025	0.160				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/02	0.055	0.023					0.023					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/03	0.077	0.045					0.025	0.020				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/04	0.076	0.044					0.025	0.019				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/05	0.069	0.037					0.025	0.012				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/06	0.082	0.050					0.025	0.025				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/07	0.057	0.025					0.025					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/08	0.025	-0.007										
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/09	0.072	0.040					0.025	0.015				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/10	0.133	0.101					0.025	0.076				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/11	0.109	0.077					0.025	0.052				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/12	0.171	0.139					0.025	0.114				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/13	0.114	0.082					0.025	0.057				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/14	0.090	0.058					0.025	0.033				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/15	0.059	0.027					0.027					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/16	0.120	0.088					0.025	0.063				Bulk ICRAF seedlots to 79/94

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Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/17	0.063	0.031					0.031					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/18	0.062	0.030					0.03					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/19	0.087	0.055					0.025	0.030				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/20	0.096	0.064					0.025	0.039				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/21	0.033	0.001					0.001					
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/22	0.082	0.050					0.025	0.025				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/23	0.071	0.039					0.025	0.014				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/24	0.131	0.099					0.025	0.074				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Namibia	Tsumeb	79/94/25	0.079	0.047					0.025	0.022				Bulk ICRAF seedlots to 79/94
Acacia tortilis spirocarpa	Tanzania	Unknown	24/88	0.004	0.002									0.002	Unknown prov - bin
Acacia tortilis spirocarpa	Zimbabwe	MAN-Manicaland-6	182/87		0.520									0.52	may not exist at Alice Holt
Acacia tortilis spirocarpa	Botswana	Bopa Island	8/94	0.239	0.092		1995	5800	44	0.034				0.058	
Acacia tortilis spirocarpa	Kenya	Makueni	85/90	0.253	0.051			9000	83	0.021				0.03	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90		0.700	13	1991	6800	40	0.029	0.671				
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/01	0.297	0.232					0.029				0.203	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/02	0.092	0.079					0.029				0.05	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/03	0.152	0.125					0.029				0.096	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/04	0.212	0.199					0.029				0.17	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/05	0.087	0.073					0.029				0.044	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/06	0.201	0.160					0.029				0.131	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/07	0.085	0.075					0.029				0.046	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/08	0.117	0.096					0.029				0.067	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/09	0.147	0.142					0.029				0.113	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/10	0.163	0.130					0.029				0.101	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/11	0.313	0.297					0.029				0.268	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/12	0.172	0.158					0.029				0.129	
Acacia tortilis spirocarpa	Namibia	Tsumeb	10/90/13	0.153	0.135					0.029				0.106	
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/01	0.009	0.009						0.009				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/02	0.009	0.009						0.009				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/03	0.022	0.022						0.022				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/04	0.002	0.002						0.002				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/05	0.021	0.021						0.021				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/06	0.015	0.015						0.015				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/07	0.018	0.018						0.018				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/08	0.022	0.022						0.022				Bulk to 11/90

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Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/09	0.020	0.020						0.020				Bulk to 11/90
Acacia tortilis spirocarpa	Namibia	Tsumeb	11/90/10	0.017	0.017						0.017				Bulk to 11/90
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92		0.630	11				0.029	0.601				
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/01	0.416	0.416					0.029				0.387	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/03	0.437	0.437					0.029				0.408	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/04	0.451	0.451					0.029				0.422	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/06	0.431	0.431					0.029				0.402	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/07	0.448	0.448					0.029				0.419	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/08	0.443	0.443					0.029				0.414	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/09	0.441	0.441					0.029				0.412	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/10	0.427	0.427					0.029				0.398	
Acacia tortilis spirocarpa	Tanzania	Ndolale	16/92/11	0.414	0.414					0.029				0.385	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92		0.236	10				0.029	0.207				
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/01	0.428	0.428					0.029				0.399	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/03	0.122	0.122					0.029				0.093	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/04	0.723	0.723					0.029				0.694	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/05	0.164	0.164					0.029				0.135	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/06	0.011	0.011					0.011					
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/07	0.029	0.029					0.029					
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/08	0.677	0.677					0.029				0.648	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/09	0.143	0.143					0.029				0.114	
Acacia tortilis spirocarpa	Kenya	Namukuse	71/92/10	0.057	0.057					0.029				0.028	
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92	1.289	0.245	21	1992	12000	62	0.017	0.228				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/01	0.128	0.128					0.017	0.111				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/02	0.228	0.228					0.017	0.211				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/03	0.067	0.067					0.017	0.050				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/04	0.064	0.064					0.017	0.047				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/05	0.090	0.090					0.017	0.073				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/06	0.144	0.144					0.017	0.127				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/07	0.144	0.144					0.017	0.127				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/08	0.556	0.556					0.017	0.539				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/09	0.292	0.292					0.017	0.275				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/10	0.051	0.051					0.017	0.034				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/11	0.174	0.174					0.017	0.157				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/12	0.347	0.347					0.017	0.330				

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Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/13	0.109	0.109					0.017	0.092				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/14	0.145	0.145					0.017	0.128				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/15	0.803	0.803					0.017	0.786				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/16	0.086	0.086					0.017	0.069				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/17	0.142	0.142					0.017	0.125				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/18	0.342	0.342					0.017	0.325				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/19	0.707	0.707					0.017	0.690				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/20	0.313	0.313					0.017	0.296				
Acacia tortilis spirocarpa	Kenya	Turkwell	70/92/21	0.021	0.021					0.017	0.004				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91		3.330	24				0.01	3.320				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/01	0.911	0.691					0.01	0.681				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/02	0.877	0.657					0.01	0.647				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/03	1.961	1.741					0.01	1.731				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/04	0.862	0.642					0.01	0.632				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/05	0.716	0.496					0.01	0.486				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/06	0.851	0.631					0.01	0.621				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/07	0.417	0.297					0.01	0.287				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/08	0.880	0.660					0.01	0.650				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/09	0.605	0.385					0.01	0.375				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/10	1.517	1.297					0.01	1.287				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/11	0.879	0.659					0.01	0.649				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/12	0.853	0.633					0.01	0.623				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/13	0.837	0.617					0.01	0.607				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/14	0.452	0.332					0.01	0.322				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/15	1.270	1.050					0.01	1.040				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/16	0.324	0.204					0.01	0.194				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/17	0.314	0.194					0.01	0.184				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/18	0.800	0.580					0.01	0.570				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/19	0.627	0.407					0.01	0.397				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/20	0.611	0.391					0.01	0.381				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/21	0.896	0.676					0.01	0.666				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/22	0.582	0.362					0.01	0.352				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/23	0.867	0.647					0.01	0.637				
Acacia tortilis spirocarpa	Malawi	Rumphi	128/91/24	0.924	0.704					0.01	0.694				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91	0.917	4.724	25	1991	22000		0.009	2.000	2.715			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/01	0.633	0.521					0.009	0.512				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/02	0.736	0.524					0.009	0.515				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/03	0.629	0.517					0.009	0.508				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/04	0.717	0.505					0.009	0.496				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/05	0.840	0.628					0.009	0.619				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/06	0.366	0.354					0.009	0.345				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/07	0.742	0.530					0.009	0.521				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/08	0.967	0.755					0.009	0.746				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/09	0.867	0.655					0.009	0.646				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/10	0.939	0.727					0.009	0.718				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/11	0.771	0.559					0.009	0.550				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/12	0.870	0.658					0.009	0.649				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/13	0.801	0.589					0.009	0.580				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/14	0.821	0.609					0.009	0.600				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/15	0.840	0.628					0.009	0.619				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/16	0.581	0.369					0.009	0.360				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/17	0.851	0.639					0.009	0.630				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/18	0.861	0.649					0.009	0.640				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/19	0.821	0.609					0.009	0.600				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/20	0.595	0.483					0.009	0.474				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/21	0.856	0.644					0.009	0.635				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/22	0.832	0.620					0.009	0.611				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/23	0.831	0.619					0.009	0.610				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/24	0.874	0.662					0.009	0.653				
Acacia tortilis spirocarpa	Malawi	Tomali	129/91/25	0.879	0.667					0.009	0.658				
Acacia tortilis spirocarpa	Somalia	Bay Region	110/87	0.065	-0.007										
Acacia tortilis spirocarpa	Tanzania	Mtandika	15/92	5.170	4.219		1992	15000	80	0.013	2.000	2.206			
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91		3.225	25				0.01	2.000	1.215			
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/01	0.071	0.051					0.01	0.041				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/02	0.881	0.661					0.01	0.651				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/03	0.926	0.706					0.01	0.696				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/04	0.814	0.594					0.01	0.584				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/05	0.601	0.481					0.01	0.471				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/06	0.842	0.622					0.01	0.612				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/07	0.835	0.615					0.01	0.605				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/08	0.859	0.639					0.01	0.629				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/09	0.862	0.642					0.01	0.632				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/10	0.860	0.640					0.01	0.630				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/11	0.884	0.664					0.01	0.654				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/12	0.906	0.686					0.01	0.676				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/13	0.844	0.624					0.01	0.614				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/14	0.838	0.618					0.01	0.608				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/15	0.852	0.632					0.01	0.622				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/16	0.661	0.541					0.01	0.531				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/17	0.889	0.669					0.01	0.659				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/18	0.806	0.586					0.01	0.576				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/19	0.808	0.588					0.01	0.578				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/20	0.558	0.438					0.01	0.428				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/21	0.841	0.621					0.01	0.611				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/22	0.896	0.676					0.01	0.666				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/23	0.873	0.653					0.01	0.643				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/24	0.843	0.623					0.01	0.613				
Acacia tortilis spirocarpa	Zambia	Chinzombo	131/91/25	0.734	0.514					0.01	0.504				
Acacia tortilis spirocarpa	Zimbabwe	Chirisa	16/90	0.750	0.671		1990	19000	92	0.01	0.661				
Acacia tortilis spirocarpa	Zimbabwe	Devure	46/90	15.540	14.389		1990	13000	87	0.015	2.000	12.374			
Acacia tortilis spirocarpa	Zimbabwe	Gwaai river	18/90	7.020	5.891		1990	23000	91	0.009	2.000	3.882			
Acacia tortilis spirocarpa	Zimbabwe	Nyanyadzi	52/90	1.006	0.671			8500	50	0.023	0.648				
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/108	0.064	0.064					0.015				0.049	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/109	0.041	0.041									0.041	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/11	0.067	0.067									0.067	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/121	0.098	0.098									0.098	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/130	0.077	0.077									0.077	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/161	0.013	0.013									0.013	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/23A	0.028	0.028									0.028	
Acacia tortilis spirocarpa	Zimbabwe	Sengwa 2	88/90/32	0.035	0.035									0.035	
Acacia tortilis tortilis	Israel	Negev	474/87/01	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/02	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/03	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/04	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/05	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Acacia tortilis tortilis	Israel	Negev	474/87/06	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/07	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/08	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/09	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/10	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/11	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/12	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/13	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/14	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/15	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/16	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/17	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/18	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	474/87/19	0.100	0.100					0.006	0.094				Bulk ICRAF seedlots to new 474/87
Acacia tortilis tortilis	Israel	Negev	14/93	0.309	0.280		1993	33000	78	0.006	0.274				
Acacia villosa	Indonesia	Kupang	18/89	0.037	0.027					0.02					
Acacia xanthophloea	Kenya	Gede Res. Stn.	184/87		0.700									0.7	may not exist at Alice Holt
Acacia xanthophloea	Malawi	liwonde	87/90	0.107	0.084			36000	96	0.006	0.078				
Acacia xanthophloea	Zimbabwe	MASV-Masvingo-11	183/87		0.050									0.05	may not exist at Alice Holt
Acacia xpolyacantha ca	Zimbabwe	MASW-Mashonaland	168/87		0.088									0.088	may not exist at Alice Holt
Faidherbia albida	Botswana	Taupy	40/90		0.020	4							0.02		
Faidherbia albida	Botswana	Taupy	40/90/01	0.009	0.005									0.005	only 4 families - bin
Faidherbia albida	Botswana	Taupy	40/90/02	0.095	0.080									0.08	
Faidherbia albida	Botswana	Taupy	40/90/03	0.062	0.047									0.047	
Faidherbia albida	Botswana	Taupy	40/90/04	0.024	0.020									0.02	
Faidherbia albida	Botswana	Voortrekker	44/90	0.088	0.078									0.078	only 2 families - bin
Faidherbia albida	Botswana	Voortrekker	49/90	0.475	0.294			7200	93	0.028				0.266	
Faidherbia albida	Burundi	Imbo Nord	143/87		0.001					0.001					
Faidherbia albida	Ethiopia	Debre Zeit	118/94	0.221	0.475	22	1995	9600	99	0.02	0.455				
Faidherbia albida	Ethiopia	Debre Zeit	118/94/01	0.083	0.043					0.02				0.023	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/02	0.008	0.008					0.008					
Faidherbia albida	Ethiopia	Debre Zeit	118/94/03	0.189	0.149					0.02				0.129	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/04	0.399	0.359					0.02				0.339	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/05	0.168	0.128					0.02				0.108	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/06	0.401	0.361					0.02				0.341	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Ethiopia	Debre Zeit	118/94/07	0.366	0.326					0.02				0.306	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/08	0.353	0.313					0.02				0.292	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/09	0.252	0.212					0.02				0.192	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/10	0.378	0.338					0.02				0.318	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/11	0.400	0.360					0.02				0.34	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/12	0.399	0.359					0.02				0.339	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/13	0.086	0.046					0.02				0.026	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/14	0.201	0.161					0.02				0.141	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/15	0.125	0.085					0.02				0.065	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/16	0.060	0.020					0.02					
Faidherbia albida	Ethiopia	Debre Zeit	118/94/17	0.063	0.023					0.02				0.003	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/18	0.031	0.031					0.02				0.011	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/19	0.077	0.037					0.02				0.017	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/20	0.075	0.035					0.02				0.015	
Faidherbia albida	Ethiopia	Debre Zeit	118/94/21	0.004	0.004					0.004					
Faidherbia albida	Ethiopia	Debre Zeit	118/94/22	0.182	0.142					0.02				0.122	
Faidherbia albida	Ethiopia	Gelemso	115/94	0.489	0.433		1995	2600	26		0.433				
Faidherbia albida	Ethiopia	Gelemso	117/94	0.884	0.146	22	1995	7100	99	0.028	0.118				
Faidherbia albida	Ethiopia	Gelemso	117/94/01	0.399	0.387					0.028	0.359				
Faidherbia albida	Ethiopia	Gelemso	117/94/02	0.326	0.314					0.028	0.286				
Faidherbia albida	Ethiopia	Gelemso	117/94/03	0.397	0.385					0.028	0.357				
Faidherbia albida	Ethiopia	Gelemso	117/94/04	0.400	0.388					0.028	0.360				
Faidherbia albida	Ethiopia	Gelemso	117/94/05	0.397	0.385					0.028	0.357				
Faidherbia albida	Ethiopia	Gelemso	117/94/06	0.399	0.387					0.028	0.359				
Faidherbia albida	Ethiopia	Gelemso	117/94/07	0.211	0.199					0.028	0.171				
Faidherbia albida	Ethiopia	Gelemso	117/94/08	0.415	0.403					0.028	0.375				
Faidherbia albida	Ethiopia	Gelemso	117/94/09	0.212	0.200					0.028	0.172				
Faidherbia albida	Ethiopia	Gelemso	117/94/10	0.400	0.388					0.028	0.360				
Faidherbia albida	Ethiopia	Gelemso	117/94/11	0.399	0.387					0.028	0.359				
Faidherbia albida	Ethiopia	Gelemso	117/94/12	0.325	0.313					0.028	0.285				
Faidherbia albida	Ethiopia	Gelemso	117/94/13	0.398	0.386					0.028	0.358				
Faidherbia albida	Ethiopia	Gelemso	117/94/14	0.222	0.210					0.028	0.182				
Faidherbia albida	Ethiopia	Gelemso	117/94/15	0.398	0.386					0.028	0.358				
Faidherbia albida	Ethiopia	Gelemso	117/94/16	0.400	0.388					0.028	0.360				
Faidherbia albida	Ethiopia	Gelemso	117/94/17	0.400	0.388					0.028	0.360				

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Faidherbia albida	Ethiopia	Gelemso	117/94/18	0.399	0.387					0.028	0.359				
Faidherbia albida	Ethiopia	Gelemso	117/94/19	0.393	0.381					0.028	0.353				
Faidherbia albida	Ethiopia	Gelemso	117/94/20	0.400	0.388					0.028	0.360				
Faidherbia albida	Ethiopia	Gelemso	117/94/21	0.130	0.118					0.028	0.090				
Faidherbia albida	Ethiopia	Gelemso	117/94/22	0.041	0.029					0.029					
Faidherbia albida	Ethiopia	Hundene	139/94	0.896	0.884		1997	4900	52	0.041	0.802				
Faidherbia albida	Ethiopia	Lake Awassa	24/94	0.471	0.960	14	1994	13000	97	0.017	0.943				
Faidherbia albida	Ethiopia	Lake Awassa	24/94/11	0.602	0.601					0.017				0.584	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/12	0.603	0.602					0.017				0.585	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/13	0.025	0.024					0.017				0.007	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/14	0.603	0.602					0.017				0.585	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/15	0.602	0.601					0.017				0.584	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/16	0.600	0.599					0.017				0.582	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/17	0.137	0.136					0.017				0.119	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/18	0.604	0.603					0.017				0.586	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/21	0.600	0.599					0.017				0.582	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/22	0.603	0.602					0.017				0.585	
Faidherbia albida	Ethiopia	Lake Awassa	24/94/24	0.603	0.602					0.017				0.585	
Faidherbia albida	Ethiopia	Lake Awassa	138/94	1.901	1.456		1997	12000	97		1.456				
Faidherbia albida	Ethiopia	Lake Koka	119/94		0.784	21	1997	9800	97	0.02	0.764				
Faidherbia albida	Ethiopia	Lake Koka	119/94/01	0.092	0.047					0.02	0.027				
Faidherbia albida	Ethiopia	Lake Koka	119/94/02	0.396	0.351					0.02	0.331				
Faidherbia albida	Ethiopia	Lake Koka	119/94/03	0.400	0.355					0.02	0.335				
Faidherbia albida	Ethiopia	Lake Koka	119/94/04	0.400	0.346		1995	10000	98	0.02	0.326				
Faidherbia albida	Ethiopia	Lake Koka	119/94/05	0.400	0.355					0.02	0.335				
Faidherbia albida	Ethiopia	Lake Koka	119/94/06	0.283	0.238					0.02	0.218				
Faidherbia albida	Ethiopia	Lake Koka	119/94/07	0.103	0.058					0.02	0.038				
Faidherbia albida	Ethiopia	Lake Koka	119/94/08	0.100	0.055					0.02	0.035				
Faidherbia albida	Ethiopia	Lake Koka	119/94/09	0.399	0.354					0.02	0.334				
Faidherbia albida	Ethiopia	Lake Koka	119/94/10	0.155	0.110					0.02	0.090				
Faidherbia albida	Ethiopia	Lake Koka	119/94/11	0.401	0.356					0.02	0.336				
Faidherbia albida	Ethiopia	Lake Koka	119/94/12	0.224	0.179					0.02	0.159				
Faidherbia albida	Ethiopia	Lake Koka	119/94/13	0.400	0.355					0.02	0.335				
Faidherbia albida	Ethiopia	Lake Koka	119/94/14	0.400	0.355					0.02	0.335				
Faidherbia albida	Ethiopia	Lake Koka	119/94/15	0.401	0.356					0.02	0.336				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Ethiopia	Lake Koka	119/94/16	0.297	0.252					0.02	0.232				
Faidherbia albida	Ethiopia	Lake Koka	119/94/17	0.337	0.292					0.02	0.272				
Faidherbia albida	Ethiopia	Lake Koka	119/94/18	0.402	0.357					0.02	0.337				
Faidherbia albida	Ethiopia	Lake Koka	119/94/19	0.400	0.355					0.02	0.335				
Faidherbia albida	Ethiopia	Lake Koka	119/94/20	0.173	0.128					0.02	0.108				
Faidherbia albida	Ethiopia	Lake Koka	119/94/21	0.397	0.352					0.02	0.332				
Faidherbia albida	Ethiopia	Meki	132/87		0.002									0.002	may not exist at Alice Holt
Faidherbia albida	Ethiopia	Meki	189/87		0.002									0.002	may not exist at Alice Holt
Faidherbia albida	Ethiopia	Mojo	81/94/01	0.029	0.029					0.017				0.012	
Faidherbia albida	Ethiopia	Mojo	81/94/02	0.015	0.015					0.015					
Faidherbia albida	Ethiopia	Mojo	81/94/05	0.011	0.048					0.017				0.031	
Faidherbia albida	Ethiopia	Mojo	81/94/06	0.009	0.006					0.006					
Faidherbia albida	Ethiopia	Mojo	81/94/07	0.006	0.011					0.011					
Faidherbia albida	Ethiopia	Mojo	81/94/08	0.039	0.009					0.009					
Faidherbia albida	Ethiopia	Mojo	81/94/10	0.018	0.006					0.006					
Faidherbia albida	Ethiopia	Mojo	81/94/11	0.042	0.039					0.017				0.022	
Faidherbia albida	Ethiopia	Mojo	81/94/13	0.089	0.089					0.017				0.072	
Faidherbia albida	Ethiopia	Mojo	81/94/17	0.018	0.018					0.017				0.001	
Faidherbia albida	Ethiopia	Mojo	81/94/20	0.042	0.042					0.017				0.025	
Faidherbia albida	Ethiopia	Rama	17/94	0.005	1.800	27	1995	12000	96	0.017	1.783				
Faidherbia albida	Ethiopia	Rama	17/94/01	0.109	0.071					0.017	0.054				
Faidherbia albida	Ethiopia	Rama	17/94/03	0.085	0.047					0.017	0.030				
Faidherbia albida	Ethiopia	Rama	17/94/04	0.081	0.053					0.017	0.036				
Faidherbia albida	Ethiopia	Rama	17/94/06	0.053	0.025					0.017	0.008				
Faidherbia albida	Ethiopia	Rama	17/94/07	0.555	0.492					0.017	0.475				
Faidherbia albida	Ethiopia	Rama	17/94/08	0.231	0.168					0.017	0.151				
Faidherbia albida	Ethiopia	Rama	17/94/09	0.220	0.157					0.017	0.140				
Faidherbia albida	Ethiopia	Rama	17/94/10	0.177	0.119					0.017	0.102				
Faidherbia albida	Ethiopia	Rama	17/94/11	0.231	0.168					0.017	0.151				
Faidherbia albida	Ethiopia	Rama	17/94/12	0.154	0.096					0.017	0.079				
Faidherbia albida	Ethiopia	Rama	17/94/13	0.444	0.391					0.017	0.374				
Faidherbia albida	Ethiopia	Rama	17/94/14	0.287	0.240					0.017	0.223				
Faidherbia albida	Ethiopia	Rama	17/94/15	0.178	0.130					0.017	0.113				
Faidherbia albida	Ethiopia	Rama	17/94/16	0.734	0.681					0.017	0.664				
Faidherbia albida	Ethiopia	Rama	17/94/17	0.360	0.307					0.017	0.290				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Ethiopia	Rama	17/94/18	0.389	0.336					0.017	0.319				
Faidherbia albida	Ethiopia	Rama	17/94/19	0.058	0.040					0.017	0.023				
Faidherbia albida	Ethiopia	Rama	17/94/20	0.094	0.076					0.017	0.059				
Faidherbia albida	Ethiopia	Rama	17/94/21	0.053	0.034					0.017	0.017				
Faidherbia albida	Ethiopia	Rama	17/94/22	0.042	0.024					0.024					
Faidherbia albida	Ethiopia	Rama	17/94/23	0.048	0.030					0.017	0.013				
Faidherbia albida	Ethiopia	Rama	17/94/24	0.144	0.096					0.017	0.079				
Faidherbia albida	Ethiopia	Rama	17/94/25	0.342	0.289					0.017	0.272				
Faidherbia albida	Ethiopia	Rama	17/94/26	0.247	0.194					0.017	0.177				
Faidherbia albida	Ethiopia	Rama	17/94/27	0.045	0.027					0.017	0.010				
Faidherbia albida	Ethiopia	South Harar	120/94	0.285	0.135	20				0.02	0.115				
Faidherbia albida	Ethiopia	South Harar	120/94/01	0.368	0.368					0.02	0.348				
Faidherbia albida	Ethiopia	South Harar	120/94/02	0.074	0.074					0.02	0.054				
Faidherbia albida	Ethiopia	South Harar	120/94/03	0.400	0.400					0.02	0.380				
Faidherbia albida	Ethiopia	South Harar	120/94/04	0.185	0.185					0.02	0.165				
Faidherbia albida	Ethiopia	South Harar	120/94/05	0.088	0.088					0.02	0.068				
Faidherbia albida	Ethiopia	South Harar	120/94/06	0.158	0.158					0.02	0.138				
Faidherbia albida	Ethiopia	South Harar	120/94/07	0.399	0.399					0.02	0.379				
Faidherbia albida	Ethiopia	South Harar	120/94/08	0.037	0.037					0.02	0.017				
Faidherbia albida	Ethiopia	South Harar	120/94/09	0.293	0.293					0.02	0.273				
Faidherbia albida	Ethiopia	South Harar	120/94/10	0.298	0.298					0.02	0.278				
Faidherbia albida	Ethiopia	South Harar	120/94/11	0.398	0.398					0.02	0.378				
Faidherbia albida	Ethiopia	South Harar	120/94/12	0.079	0.079					0.02	0.059				
Faidherbia albida	Ethiopia	South Harar	120/94/13	0.110	0.110					0.02	0.090				
Faidherbia albida	Ethiopia	South Harar	120/94/14	0.165	0.165					0.02	0.145				
Faidherbia albida	Ethiopia	South Harar	120/94/15	0.274	0.274					0.02	0.254				
Faidherbia albida	Ethiopia	South Harar	120/94/16	0.131	0.131					0.02	0.111				
Faidherbia albida	Ethiopia	South Harar	120/94/17	0.399	0.399					0.02	0.379				
Faidherbia albida	Ethiopia	South Harar	120/94/18	0.398	0.398					0.02	0.378				
Faidherbia albida	Ethiopia	South Harar	120/94/19	0.141	0.141					0.02	0.121				
Faidherbia albida	Ethiopia	South Harar	120/94/20	0.169	0.169					0.02	0.149				
Faidherbia albida	Ethiopia	Wenji Bulk	135/87		0.012					0.012					may not exist at Alice Holt
Faidherbia albida	Ethiopia	Wenji-1	126/87		0.625									0.625	may not exist at Alice Holt
Faidherbia albida	Ethiopia	Wenji-2	127/87		0.400									0.4	may not exist at Alice Holt
Faidherbia albida	Ghana	Bolgatanga	74/90		0.442	26	1991	18000	96	0.011	0.431				

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Faidherbia albida	Ghana	Bolgatanga	74/90/01	0.226	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/02	0.114	0.104					0.011	0.093				
Faidherbia albida	Ghana	Bolgatanga	74/90/03	0.242	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/04	0.072	0.062					0.011	0.051				
Faidherbia albida	Ghana	Bolgatanga	74/90/05	0.174	0.164					0.011	0.153				
Faidherbia albida	Ghana	Bolgatanga	74/90/06	0.307	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/07	0.170	0.160					0.011	0.149				
Faidherbia albida	Ghana	Bolgatanga	74/90/08	0.241	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/09	0.351	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/10	0.440	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/11	0.140	0.130					0.011	0.119				
Faidherbia albida	Ghana	Bolgatanga	74/90/12	0.181	0.171					0.011	0.160				
Faidherbia albida	Ghana	Bolgatanga	74/90/13	0.116	0.106					0.011	0.095				
Faidherbia albida	Ghana	Bolgatanga	74/90/14	0.111	0.101						0.101				
Faidherbia albida	Ghana	Bolgatanga	74/90/15	0.119	0.109					0.011	0.098				
Faidherbia albida	Ghana	Bolgatanga	74/90/16	0.565	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/17	0.080	0.070					0.011	0.059				
Faidherbia albida	Ghana	Bolgatanga	74/90/18	0.352	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/19	0.246	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/20	0.303	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/21	0.235	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/22	0.317	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/23	0.397	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/24	0.249	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/25	0.230	0.200					0.011	0.189				
Faidherbia albida	Ghana	Bolgatanga	74/90/26	0.229	0.200					0.011	0.189				
Faidherbia albida	Kenya	Taveta	179/92		1.650	34	1996	13000	94	0.015	1.635				
Faidherbia albida	Kenya	Taveta	179/92/01	0.024	0.019					0.019					
Faidherbia albida	Kenya	Taveta	179/92/03	0.015	0.010						0.010				
Faidherbia albida	Kenya	Taveta	179/92/07	0.063	0.058					0.015	0.043				
Faidherbia albida	Kenya	Taveta	179/92/08	0.008	0.003						0.003				
Faidherbia albida	Kenya	Taveta	179/92/10	0.410	0.385					0.015	0.370				
Faidherbia albida	Kenya	Taveta	179/92/12	0.029	0.024					0.015	0.009				
Faidherbia albida	Kenya	Taveta	179/92/13	0.050	0.045					0.015	0.030				
Faidherbia albida	Kenya	Taveta	179/92/14	0.029	0.024					0.015	0.009				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Kenya	Taveta	179/92/15	0.158	0.133					0.015	0.118				
Faidherbia albida	Kenya	Taveta	179/92/16	0.129	0.104					0.015	0.089				
Faidherbia albida	Kenya	Taveta	179/92/17	0.128	0.103					0.015	0.088				
Faidherbia albida	Kenya	Taveta	179/92/18	0.185	0.160					0.015	0.145				
Faidherbia albida	Kenya	Taveta	179/92/19	0.065	0.060					0.015	0.045				
Faidherbia albida	Kenya	Taveta	179/92/20	0.044	0.039					0.015	0.024				
Faidherbia albida	Kenya	Taveta	179/92/21	0.165	0.140					0.015	0.125				
Faidherbia albida	Kenya	Taveta	179/92/22	0.083	0.058					0.015	0.043				
Faidherbia albida	Kenya	Taveta	179/92/23	0.164	0.139					0.015	0.124				
Faidherbia albida	Kenya	Taveta	179/92/24	0.124	0.099					0.015	0.084				
Faidherbia albida	Kenya	Taveta	179/92/25	0.055	0.050					0.015	0.035				
Faidherbia albida	Kenya	Taveta	179/92/26	0.086	0.061					0.015	0.046				
Faidherbia albida	Kenya	Taveta	179/92/27	0.117	0.092					0.015	0.077				
Faidherbia albida	Kenya	Taveta	179/92/28	0.120	0.032					0.015	0.017				
Faidherbia albida	Kenya	Taveta	179/92/29	0.117	0.092					0.015	0.077				
Faidherbia albida	Kenya	Taveta	179/92/30	0.060	0.055					0.015	0.040				
Faidherbia albida	Kenya	Taveta	179/92/31	0.366	0.341					0.015	0.326				
Faidherbia albida	Kenya	Taveta	179/92/33	0.078	0.053					0.015	0.038				
Faidherbia albida	Kenya	Taveta	179/92/34	0.095	0.070					0.015	0.055				
Faidherbia albida	Malawi	Bolero	78/90		4.014	25	1991	9000	98	0.022	3.992				
Faidherbia albida	Malawi	Bolero	78/90/01	0.824	0.614					0.022	0.592				
Faidherbia albida	Malawi	Bolero	78/90/02	0.821	0.611					0.022	0.589				
Faidherbia albida	Malawi	Bolero	78/90/03	0.808	0.598					0.022	0.576				
Faidherbia albida	Malawi	Bolero	78/90/04	0.840	0.625					0.022	0.603				
Faidherbia albida	Malawi	Bolero	78/90/05	0.835	0.625					0.022	0.603				
Faidherbia albida	Malawi	Bolero	78/90/06	0.834	0.824					0.022	0.802				
Faidherbia albida	Malawi	Bolero	78/90/07	0.807	0.597					0.022	0.575				
Faidherbia albida	Malawi	Bolero	78/90/08	0.834	0.619					0.022	0.597				
Faidherbia albida	Malawi	Bolero	78/90/09	0.823	0.613					0.022	0.591				
Faidherbia albida	Malawi	Bolero	78/90/10	0.817	0.607					0.022	0.585				
Faidherbia albida	Malawi	Bolero	78/90/11	0.803	0.593					0.022	0.571				
Faidherbia albida	Malawi	Bolero	78/90/12	0.828	0.618					0.022	0.596				
Faidherbia albida	Malawi	Bolero	78/90/13	0.861	0.646					0.022	0.624				
Faidherbia albida	Malawi	Bolero	78/90/14	0.817	0.607					0.022	0.585				
Faidherbia albida	Malawi	Bolero	78/90/15	0.828	0.618					0.022	0.596				

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Faidherbia albida	Malawi	Bolero	78/90/16	0.814	0.604					0.022	0.582				
Faidherbia albida	Malawi	Bolero	78/90/17	0.821	0.611					0.022	0.589				
Faidherbia albida	Malawi	Bolero	78/90/18	0.821	0.611					0.022	0.589				
Faidherbia albida	Malawi	Bolero	78/90/19	0.835	0.620					0.022	0.598				
Faidherbia albida	Malawi	Bolero	78/90/20	0.805	0.595					0.022	0.573				
Faidherbia albida	Malawi	Bolero	78/90/21	0.819	0.609					0.022	0.587				
Faidherbia albida	Malawi	Bolero	78/90/22	0.839	0.624					0.022	0.602				
Faidherbia albida	Malawi	Bolero	78/90/23	0.839	0.629					0.022	0.607				
Faidherbia albida	Malawi	Bolero	78/90/24	0.811	0.601					0.022	0.579				
Faidherbia albida	Malawi	Bolero	78/90/25	0.815	0.605					0.022	0.583				
Faidherbia albida	Malawi	Bwanje, Chilanga, C	124/87		0.118									0.118	may not exist at Alice Holt
Faidherbia albida	Malawi	Chawanje	7/92	1.081	0.348	71	1996	7700	98	0.026	0.322				
Faidherbia albida	Malawi	Chawanje	7/92/10	0.165	0.095					0.026	0.069				
Faidherbia albida	Malawi	Chawanje	7/92/11	0.070	0.050						0.050				
Faidherbia albida	Malawi	Chawanje	7/92/12	0.108	0.088					0.026	0.062				
Faidherbia albida	Malawi	Chawanje	7/92/13	0.076	0.056						0.056				
Faidherbia albida	Malawi	Chawanje	7/92/14	0.071	0.071						0.071				
Faidherbia albida	Malawi	Chawanje	7/92/15	0.081	0.061						0.061				
Faidherbia albida	Malawi	Chawanje	7/92/16	0.103	0.033						0.033				
Faidherbia albida	Malawi	Chawanje	7/92/17	0.154	0.084					0.026	0.058				
Faidherbia albida	Malawi	Chawanje	7/92/18	0.065	0.045						0.045				
Faidherbia albida	Malawi	Chawanje	7/92/19	0.147	0.077					0.026	0.051				
Faidherbia albida	Malawi	Chawanje	7/92/20	0.130	0.060						0.060				
Faidherbia albida	Malawi	Chawanje	7/92/21	0.094	0.024						0.024				
Faidherbia albida	Malawi	Chawanje	7/92/22	0.049	0.049						0.049				
Faidherbia albida	Malawi	Chawanje	7/92/23	0.061	0.041						0.041				
Faidherbia albida	Malawi	Chawanje	7/92/24	0.132	0.062						0.062				
Faidherbia albida	Malawi	Chawanje	7/92/25	0.185	0.115					0.026	0.089				
Faidherbia albida	Malawi	Chawanje	7/92/26	0.087	0.037						0.037				
Faidherbia albida	Malawi	Chawanje	7/92/27	0.158	0.088					0.026	0.062				
Faidherbia albida	Malawi	Chawanje	7/92/28	0.129	0.059						0.059				
Faidherbia albida	Malawi	Chawanje	7/92/29	0.143	0.073						0.073				
Faidherbia albida	Malawi	Chawanje	7/92/30	0.295	0.225					0.026	0.199				
Faidherbia albida	Malawi	Chawanje	7/92/31	0.145	0.075						0.075				
Faidherbia albida	Malawi	Chawanje	7/92/32	0.189	0.119					0.026	0.093				

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Faidherbia albida	Malawi	Chawanje	7/92/33	0.378	0.308						0.308				
Faidherbia albida	Malawi	Chawanje	7/92/34	0.131	0.061						0.061				
Faidherbia albida	Malawi	Chawanje	7/92/35	0.279	0.209					0.026	0.183				
Faidherbia albida	Malawi	Chawanje	7/92/36	0.143	0.073						0.073				
Faidherbia albida	Malawi	Chawanje	7/92/37	0.150	0.080						0.080				
Faidherbia albida	Malawi	Chawanje	7/92/38	0.161	0.091					0.026	0.065				
Faidherbia albida	Malawi	Chawanje	7/92/39	0.125	0.055						0.055				
Faidherbia albida	Malawi	Chawanje	7/92/40	0.171	0.101					0.026	0.075				
Faidherbia albida	Malawi	Chawanje	7/92/41	0.096	0.046						0.046				
Faidherbia albida	Malawi	Chawanje	7/92/42	0.198	0.128					0.026	0.102				
Faidherbia albida	Malawi	Chawanje	7/92/43	0.118	0.048						0.048				
Faidherbia albida	Malawi	Chawanje	7/92/44	0.235	0.165					0.026	0.139				
Faidherbia albida	Malawi	Chawanje	7/92/45	0.079	0.059						0.059				
Faidherbia albida	Malawi	Chawanje	7/92/46	0.109	0.089						0.089				
Faidherbia albida	Malawi	Chawanje	7/92/47	0.372	0.302					0.026	0.276				
Faidherbia albida	Malawi	Chawanje	7/92/48	0.244	0.174						0.174				
Faidherbia albida	Malawi	Chawanje	7/92/49	0.404	0.334					0.026	0.308				
Faidherbia albida	Malawi	Chawanje	7/92/50	0.395	0.375						0.375				
Faidherbia albida	Malawi	Chawanje	7/92/51	0.145	0.125						0.125				
Faidherbia albida	Malawi	Chawanje	7/92/52	0.393	0.373					0.026	0.347				
Faidherbia albida	Malawi	Chawanje	7/92/53	0.121	0.101						0.101				
Faidherbia albida	Malawi	Chawanje	7/92/54	0.392	0.372					0.026	0.346				
Faidherbia albida	Malawi	Chawanje	7/92/55	0.211	0.191						0.191				
Faidherbia albida	Malawi	Chawanje	7/92/56	0.189	0.169						0.169				
Faidherbia albida	Malawi	Chawanje	7/92/57	0.379	0.359					0.026	0.333				
Faidherbia albida	Malawi	Chawanje	7/92/58	0.375	0.355						0.355				
Faidherbia albida	Malawi	Chawanje	7/92/59	0.152	0.132						0.132				
Faidherbia albida	Malawi	Chawanje	7/92/60	0.095	0.095						0.095				
Faidherbia albida	Malawi	Chawanje	7/92/61	0.284	0.264					0.026	0.238				
Faidherbia albida	Malawi	Chawanje	7/92/62	0.065	0.045						0.045				
Faidherbia albida	Malawi	Chawanje	7/92/63	0.372	0.352					0.026	0.326				
Faidherbia albida	Malawi	Chawanje	7/92/64	0.265	0.245						0.245				
Faidherbia albida	Malawi	Chawanje	7/92/65	0.176	0.156						0.156				
Faidherbia albida	Malawi	Chawanje	7/92/66	0.374	0.354					0.026	0.328				
Faidherbia albida	Malawi	Chawanje	7/92/67	0.383	0.363						0.363				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Malawi	Chawanje	7/92/68	0.312	0.312					0.026	0.286				
Faidherbia albida	Malawi	Chawanje	7/92/69	0.243	0.243					0.026	0.217				
Faidherbia albida	Malawi	Chawanje	7/92/70	0.380	0.360						0.360				
Faidherbia albida	Malawi	Chawanje	7/92/71	0.379	0.359					0.026	0.333				
Faidherbia albida	Malawi	Chawanje	80/90		2.682	9	1991	6900	96		2.000	0.682			
Faidherbia albida	Malawi	Chawanje	80/90/01	0.980	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/02	1.011	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/03	1.024	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/04	0.998	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/05	1.042	0.500					0.026				0.474	
Faidherbia albida	Malawi	Chawanje	80/90/06	0.978	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/07	0.949	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/08	0.729	0.500									0.5	
Faidherbia albida	Malawi	Chawanje	80/90/09	0.014	0.006									0.006	
Faidherbia albida	Malawi	Chilanga	131/87		0.014									0.014	may not exist at Alice Holt
Faidherbia albida	Malawi	Chilanga	188/87		0.014									0.014	may not exist at Alice Holt
Faidherbia albida	Malawi	Lupaso	77/90		5.785	25	1991	8000	100	0.025	2.000	3.76			
Faidherbia albida	Malawi	Lupaso	77/90/01	0.829	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/02	0.840	0.490						0.490				
Faidherbia albida	Malawi	Lupaso	77/90/03	0.838	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/04	0.878	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/05	0.866	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/06	0.484	0.469						0.469				
Faidherbia albida	Malawi	Lupaso	77/90/07	0.675	0.490						0.490				
Faidherbia albida	Malawi	Lupaso	77/90/08	0.807	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/09	0.843	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/10	0.660	0.490						0.490				
Faidherbia albida	Malawi	Lupaso	77/90/11	0.805	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/12	0.810	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/13	0.802	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/14	0.816	0.490						0.490				
Faidherbia albida	Malawi	Lupaso	77/90/15	0.851	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/16	0.812	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/17	0.314	0.299						0.299				
Faidherbia albida	Malawi	Lupaso	77/90/18	0.813	0.490						0.490				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Malawi	Lupaso	77/90/19	0.811	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/20	0.809	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/21	0.881	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/22	0.775	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/23	0.268	0.253						0.253				
Faidherbia albida	Malawi	Lupaso	77/90/24	0.811	0.495						0.495				
Faidherbia albida	Malawi	Lupaso	77/90/25	0.879	0.495						0.495				
Faidherbia albida	Malawi	Mwanza River	33/92	0.236	0.249	23				0.026	0.223				
Faidherbia albida	Malawi	Mwanza River	33/92/16	0.045	0.045					0.026				0.019	
Faidherbia albida	Malawi	Mwanza River	33/92/17	0.043	0.043					0.026				0.017	
Faidherbia albida	Malawi	Mwanza River	33/92/19	0.002	0.002					0.002					
Faidherbia albida	Malawi	Mwanza River	33/92/20	0.387	0.382					0.026				0.356	
Faidherbia albida	Malawi	Mwanza River	33/92/21	0.154	0.149					0.026				0.123	
Faidherbia albida	Malawi	Mwanza River	33/92/22	0.045	0.045					0.026				0.019	
Faidherbia albida	Malawi	Mwanza River	33/92/23	0.394	0.389					0.026				0.363	
Faidherbia albida	Malawi	Mwanza River	79/90		2.932	15	1991	7800	84	0.026	2.000	0.88			
Faidherbia albida	Malawi	Mwanza River	79/90/01	0.031	0.031					0.026				0.005	
Faidherbia albida	Malawi	Mwanza River	79/90/02	0.069	0.059					0.026				0.033	
Faidherbia albida	Malawi	Mwanza River	79/90/03	0.074	0.064					0.026				0.038	
Faidherbia albida	Malawi	Mwanza River	79/90/04	0.207	0.197					0.026				0.171	
Faidherbia albida	Malawi	Mwanza River	79/90/05	0.919	0.495					0.026				0.469	
Faidherbia albida	Malawi	Mwanza River	79/90/06	0.047	0.047					0.026				0.021	
Faidherbia albida	Malawi	Mwanza River	79/90/07	0.940	0.500					0.026				0.474	
Faidherbia albida	Malawi	Mwanza River	79/90/08	0.795	0.495					0.026				0.469	
Faidherbia albida	Malawi	Mwanza River	79/90/09	0.902	0.495					0.026				0.469	
Faidherbia albida	Malawi	Mwanza River	79/90/10	0.948	0.500					0.026				0.474	
Faidherbia albida	Malawi	Mwanza River	79/90/11	0.884	0.495					0.026				0.469	
Faidherbia albida	Malawi	Mwanza River	79/90/12	0.916	0.500					0.026				0.474	
Faidherbia albida	Malawi	Mwanza River	79/90/13	0.873	0.500					0.026				0.474	
Faidherbia albida	Malawi	Mwanza River	79/90/14	0.903	0.495					0.026				0.469	
Faidherbia albida	Malawi	Mwanza River	79/90/15	0.862	0.500					0.026				0.474	
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94		0.121	24	1995	6300	98	0.032	0.089				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/01	0.150	0.135					0.032	0.103				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/02	0.272	0.257					0.032	0.225				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/03	0.024	0.024					0.024					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/04	0.388	0.373					0.032	0.341				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/05	0.393	0.378					0.032	0.346				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/06	0.390	0.375					0.032	0.343				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/07	0.387	0.372					0.032	0.340				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/08	0.389	0.374					0.032	0.342				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/09	0.395	0.380					0.032	0.348				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/10	0.382	0.367					0.032	0.335				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/11	0.392	0.377					0.032	0.345				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/12	0.388	0.373					0.032	0.341				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/13	0.290	0.275					0.032	0.243				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/14	0.391	0.376					0.032	0.344				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/15	0.392	0.377					0.032	0.345				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/16	0.395	0.380					0.032	0.348				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/17	0.394	0.379					0.032	0.347				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/18	0.394	0.379					0.032	0.347				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/19	0.395	0.380					0.032	0.348				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/20	0.389	0.374					0.032	0.342				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/21	0.390	0.375					0.032	0.343				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/22	0.390	0.375					0.032	0.343				
Faidherbia albida	Mozambique	Guija (Limpopo)	140/94/23	0.391	0.376					0.032	0.344				
Faidherbia albida	Namibia	Hoanib river	6/92	3.170	2.102	6	1996	6300	73		2.102				
Faidherbia albida	Namibia	Hoanib river	6/92/01	0.175	0.175									0.175	only 5 families better mat below - bin
Faidherbia albida	Namibia	Hoanib river	6/92/02	0.059	0.059									0.059	
Faidherbia albida	Namibia	Hoanib river	6/92/03	0.012	0.012									0.012	
Faidherbia albida	Namibia	Hoanib river	6/92/04	0.006	0.006									0.006	
Faidherbia albida	Namibia	Hoanib river	6/92/05	0.011	0.011									0.011	
Faidherbia albida	Namibia	Hoanib river	6/92/06	0.001	0.001									0.001	
Faidherbia albida	Namibia	Hoanib river	14/94	0.341	0.113	40	1995	5800	88	0.034				0.079	
Faidherbia albida	Namibia	Hoanib river	14/94/01	0.051	0.046					0.034	0.012				
Faidherbia albida	Namibia	Hoanib river	14/94/02	0.010	0.007						0.007				
Faidherbia albida	Namibia	Hoanib river	14/94/03	0.051	0.046						0.046				
Faidherbia albida	Namibia	Hoanib river	14/94/04	0.007	0.006						0.006				
Faidherbia albida	Namibia	Hoanib river	14/94/05	0.029	0.026						0.026				
Faidherbia albida	Namibia	Hoanib river	14/94/06	0.038	0.033						0.033				
Faidherbia albida	Namibia	Hoanib river	14/94/07	0.074	0.069					0.034	0.035				

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Faidherbia albida	Namibia	Hoanib river	14/94/08	0.039	0.034						0.034				
Faidherbia albida	Namibia	Hoanib river	14/94/09	0.053	0.048					0.034	0.014				
Faidherbia albida	Namibia	Hoanib river	14/94/10	0.033	0.028						0.028				
Faidherbia albida	Namibia	Hoanib river	14/94/11	0.045	0.040						0.040				
Faidherbia albida	Namibia	Hoanib river	14/94/12	0.007	0.006						0.006				
Faidherbia albida	Namibia	Hoanib river	14/94/13	0.065	0.060					0.034	0.026				
Faidherbia albida	Namibia	Hoanib river	14/94/15	0.038	0.033						0.033				
Faidherbia albida	Namibia	Hoanib river	14/94/16	0.047	0.042						0.042				
Faidherbia albida	Namibia	Hoanib river	14/94/17	0.052	0.047						0.047				
Faidherbia albida	Namibia	Hoanib river	14/94/18	0.062	0.057					0.034	0.023				
Faidherbia albida	Namibia	Hoanib river	14/94/19	0.056	0.051						0.051				
Faidherbia albida	Namibia	Hoanib river	14/94/20	0.225	0.220					0.034	0.186				
Faidherbia albida	Namibia	Hoanib river	14/94/21	0.087	0.082					0.034	0.048				
Faidherbia albida	Namibia	Hoanib river	14/94/22	0.142	0.137					0.034	0.103				
Faidherbia albida	Namibia	Hoanib river	14/94/23	0.067	0.062					0.034	0.028				
Faidherbia albida	Namibia	Hoanib river	14/94/24	0.108	0.103					0.034	0.069				
Faidherbia albida	Namibia	Hoanib river	14/94/25	0.119	0.114					0.034	0.080				
Faidherbia albida	Namibia	Hoanib river	14/94/26	0.059	0.054					0.034	0.020				
Faidherbia albida	Namibia	Hoanib river	14/94/27	0.152	0.147					0.034	0.113				
Faidherbia albida	Namibia	Hoanib river	14/94/28	0.139	0.134					0.034	0.100				
Faidherbia albida	Namibia	Hoanib river	14/94/29	0.082	0.077					0.034	0.043				
Faidherbia albida	Namibia	Hoanib river	14/94/30	0.086	0.081					0.034	0.047				
Faidherbia albida	Namibia	Hoanib river	14/94/31	0.101	0.096					0.034	0.062				
Faidherbia albida	Namibia	Hoanib river	14/94/32	0.098	0.093					0.034	0.059				
Faidherbia albida	Namibia	Hoanib river	14/94/33	0.100	0.095					0.034	0.061				
Faidherbia albida	Namibia	Hoanib river	14/94/34	0.121	0.116					0.034	0.082				
Faidherbia albida	Namibia	Hoanib river	14/94/35	0.096	0.091					0.034	0.057				
Faidherbia albida	Namibia	Hoanib river	14/94/36	0.091	0.086					0.034	0.052				
Faidherbia albida	Namibia	Hoanib river	14/94/37	0.165	0.160					0.034	0.126				
Faidherbia albida	Namibia	Hoanib river	14/94/38	0.090	0.085					0.034	0.051				
Faidherbia albida	Namibia	Hoanib river	14/94/39	0.102	0.097					0.034	0.063				
Faidherbia albida	Namibia	Hoanib river	14/94/40	0.051	0.046						0.046				
Faidherbia albida	Namibia	Kuiseb	60/90		0.783	25	1991	7500	100	0.027	0.756				
Faidherbia albida	Namibia	Kuiseb	60/90/01	0.062	0.022					0.022					
Faidherbia albida	Namibia	Kuiseb	60/90/02	0.038	0.016					0.016					

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Faidherbia albida	Namibia	Kuiseb	60/90/03	0.036	0.014					0.014					
Faidherbia albida	Namibia	Kuiseb	60/90/04	0.073	0.028					0.027				0.001	
Faidherbia albida	Namibia	Kuiseb	60/90/05	0.073	0.028					0.027				0.001	
Faidherbia albida	Namibia	Kuiseb	60/90/06	0.057	0.020					0.020					
Faidherbia albida	Namibia	Kuiseb	60/90/07	0.007	0.029					0.027				0.002	
Faidherbia albida	Namibia	Kuiseb	60/90/08	0.051	0.017					0.017					
Faidherbia albida	Namibia	Kuiseb	60/90/09	0.062	0.022					0.022					
Faidherbia albida	Namibia	Kuiseb	60/90/10	0.052	0.017					0.017					
Faidherbia albida	Namibia	Kuiseb	60/90/11	0.099	0.038					0.027				0.011	
Faidherbia albida	Namibia	Kuiseb	60/90/12	0.062	0.022					0.022					
Faidherbia albida	Namibia	Kuiseb	60/90/13	0.078	0.030					0.027				0.003	
Faidherbia albida	Namibia	Kuiseb	60/90/14	0.063	0.023					0.023					
Faidherbia albida	Namibia	Kuiseb	60/90/15	0.451	0.128					0.027				0.101	
Faidherbia albida	Namibia	Kuiseb	60/90/16	0.068	0.025					0.025					
Faidherbia albida	Namibia	Kuiseb	60/90/17	0.081	0.031					0.027				0.004	
Faidherbia albida	Namibia	Kuiseb	60/90/18	0.076	0.027					0.027					
Faidherbia albida	Namibia	Kuiseb	60/90/19	0.070	0.026					0.026					
Faidherbia albida	Namibia	Kuiseb	60/90/20	0.069	0.026					0.026					
Faidherbia albida	Namibia	Kuiseb	60/90/21	0.063	0.023					0.023					
Faidherbia albida	Namibia	Kuiseb	60/90/22	0.069	0.026					0.026					
Faidherbia albida	Namibia	Kuiseb	60/90/23	0.080	0.029					0.027				0.002	
Faidherbia albida	Namibia	Kuiseb	60/90/24	0.077	0.031					0.027				0.004	
Faidherbia albida	Namibia	Kuiseb	60/90/25	0.069	0.026					0.026					
Faidherbia albida	Namibia	Kuiseb	84/90	4.243	2.250			5600	70	0.025	2.225				
Faidherbia albida	Namibia	Kunene river	15/94	0.046	0.355	28				0.025	0.330				
Faidherbia albida	Namibia	Kunene river	15/94/01	0.327	0.257					0.025	0.232				
Faidherbia albida	Namibia	Kunene river	15/94/02	0.285	0.215					0.025	0.190				
Faidherbia albida	Namibia	Kunene river	15/94/03	0.271	0.201					0.025	0.176				
Faidherbia albida	Namibia	Kunene river	15/94/04	0.255	0.185					0.025	0.160				
Faidherbia albida	Namibia	Kunene river	15/94/05	0.015	0.010						0.010				
Faidherbia albida	Namibia	Kunene river	15/94/06	0.190	0.120					0.025	0.095				
Faidherbia albida	Namibia	Kunene river	15/94/07	0.113	0.053					0.025	0.028				
Faidherbia albida	Namibia	Kunene river	15/94/08	0.151	0.091					0.025	0.066				
Faidherbia albida	Namibia	Kunene river	15/94/09	0.156	0.086					0.025	0.061				
Faidherbia albida	Namibia	Kunene river	15/94/10	0.024	0.018					0.018					

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Faidherbia albida	Namibia	Kunene river	15/94/12	0.116	0.056					0.025	0.031				
Faidherbia albida	Namibia	Kunene river	15/94/13	0.067	0.057					0.025	0.032				
Faidherbia albida	Namibia	Kunene river	15/94/14	0.091	0.031					0.025	0.006				
Faidherbia albida	Namibia	Kunene river	15/94/15	0.153	0.093					0.025	0.068				
Faidherbia albida	Namibia	Kunene river	15/94/16	0.122	0.062					0.025	0.037				
Faidherbia albida	Namibia	Kunene river	15/94/17	0.108	0.048					0.025	0.023				
Faidherbia albida	Namibia	Kunene river	15/94/18	0.200	0.130					0.025	0.105				
Faidherbia albida	Namibia	Kunene river	15/94/19	0.056	0.046					0.025	0.021				
Faidherbia albida	Namibia	Kunene river	15/94/20	0.228	0.158					0.025	0.133				
Faidherbia albida	Namibia	Kunene river	15/94/21	0.224	0.154					0.025	0.129				
Faidherbia albida	Namibia	Kunene river	15/94/22	0.198	0.128					0.025	0.103				
Faidherbia albida	Namibia	Kunene river	15/94/23	0.064	0.054					0.025	0.029				
Faidherbia albida	Namibia	Kunene river	15/94/24	0.022	0.012					0.012					
Faidherbia albida	Namibia	Kunene river	15/94/25	0.218	0.158					0.025	0.133				
Faidherbia albida	Namibia	Kunene river	15/94/26	0.212	0.152					0.025	0.127				
Faidherbia albida	Namibia	Kunene river	15/94/27	0.082	0.022						0.022				
Faidherbia albida	Namibia	Kunene river	15/94/28	0.133	0.073					0.025	0.048				
Faidherbia albida	Namibia	Okangwati	16/94	0.019	0.538	30	1996	8300	100	0.024	0.514				
Faidherbia albida	Namibia	Okangwati	16/94/01	0.006	0.006						0.006				
Faidherbia albida	Namibia	Okangwati	16/94/02	0.007	0.007						0.007				
Faidherbia albida	Namibia	Okangwati	16/94/03	0.004	0.004						0.004				
Faidherbia albida	Namibia	Okangwati	16/94/04	0.009	0.005						0.005				
Faidherbia albida	Namibia	Okangwati	16/94/05	0.008	0.008						0.008				
Faidherbia albida	Namibia	Okangwati	16/94/06	0.009	0.009						0.009				
Faidherbia albida	Namibia	Okangwati	16/94/07	0.017	0.017						0.017				
Faidherbia albida	Namibia	Okangwati	16/94/08	0.022	0.022						0.022				
Faidherbia albida	Namibia	Okangwati	16/94/09	0.042	0.037						0.037				
Faidherbia albida	Namibia	Okangwati	16/94/10	0.042	0.037						0.037				
Faidherbia albida	Namibia	Okangwati	16/94/11	0.010	0.010						0.010				
Faidherbia albida	Namibia	Okangwati	16/94/12	0.085	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/13	0.064	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/14	0.101	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/15	0.044	0.039						0.039				
Faidherbia albida	Namibia	Okangwati	16/94/16	0.076	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/17	0.056	0.050						0.050				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Namibia	Okangwati	16/94/18	0.086	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/19	0.088	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/20	0.053	0.048						0.048				
Faidherbia albida	Namibia	Okangwati	16/94/21	0.148	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/22	0.181	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/23	0.119	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/24	0.111	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/25	0.104	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/26	0.069	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/27	0.073	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/28	0.101	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/29	0.063	0.050						0.050				
Faidherbia albida	Namibia	Okangwati	16/94/30	0.058	0.050						0.050				
Faidherbia albida	Senegal	Bellokho-1	136/87		0.197									0.197	may not exist at Alice Holt
Faidherbia albida	Senegal	Bignona	8/92	0.008	0.286	20	1996	13000	90	0.015	0.271				
Faidherbia albida	Senegal	Bignona	8/92/01	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/02	0.206	0.147					0.015	0.132				
Faidherbia albida	Senegal	Bignona	8/92/03	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/04	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/05	0.196	0.129					0.015	0.114				
Faidherbia albida	Senegal	Bignona	8/92/06	0.198	0.139					0.015	0.124				
Faidherbia albida	Senegal	Bignona	8/92/07	0.200	0.141					0.015	0.126				
Faidherbia albida	Senegal	Bignona	8/92/08	0.197	0.138					0.015	0.123				
Faidherbia albida	Senegal	Bignona	8/92/09	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/10	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/11	0.200	0.141					0.015	0.126				
Faidherbia albida	Senegal	Bignona	8/92/12	0.199	0.140					0.015	0.125				
Faidherbia albida	Senegal	Bignona	8/92/13	0.202	0.151					0.015	0.136				
Faidherbia albida	Senegal	Bignona	8/92/14	0.198	0.147					0.015	0.132				
Faidherbia albida	Senegal	Bignona	8/92/15	0.204	0.153					0.015	0.138				
Faidherbia albida	Senegal	Bignona	8/92/16	0.195	0.144					0.015	0.129				
Faidherbia albida	Senegal	Bignona	8/92/17	0.109	0.058					0.015	0.043				
Faidherbia albida	Senegal	Bignona	8/92/18	0.200	0.149					0.015	0.134				
Faidherbia albida	Senegal	Bignona	8/92/19	0.197	0.146					0.015	0.131				
Faidherbia albida	Senegal	Bignona	8/92/20	0.199	0.148					0.015	0.133				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Senegal	Bignona-1	137/87		0.626									0.626	may not exist at Alice Holt
Faidherbia albida	Senegal	Bignona-2	8/93	0.961	0.877		1993	12000	79	0.015	0.862				
Faidherbia albida	South Africa	Katima Mulilo	134/87		0.360									0.36	may not exist at Alice Holt
Faidherbia albida	South Africa	Messina	133/87		0.371									0.371	may not exist at Alice Holt
Faidherbia albida	Sudan	Khartoum	21/94	0.042	0.042					0.042					
Faidherbia albida	Sudan	Obeid	23/94	0.031	-0.100										
Faidherbia albida	Sudan	W. of El Obeid	25/88	0.024	0.015					0.015					
Faidherbia albida	Tanzania	Mfumbi	9/92/01	0.450	0.450					0.025	0.425				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/02	0.425	0.425					0.025	0.400				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/03	0.426	0.426					0.025	0.401				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/04	0.431	0.431					0.025	0.406				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/05	0.427	0.427					0.025	0.402				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/06	0.421	0.421					0.025	0.396				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/07	0.441	0.441					0.025	0.416				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/08	0.417	0.417					0.025	0.392				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/09	0.430	0.430					0.025	0.405				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/10	0.430	0.430					0.025	0.405				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/11	0.417	0.417					0.025	0.392				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/12	0.421	0.421					0.025	0.396				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/13	0.432	0.432					0.025	0.407				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/14	0.438	0.438					0.025	0.413				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/15	0.442	0.442					0.025	0.417				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/16	0.422	0.422					0.025	0.397				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mfumbi	9/92/17	0.395	0.395					0.025	0.370				Bulk ICRAF seedlots to new 9/92
Faidherbia albida	Tanzania	Mwembe	10/92	5.140	4.256		1997	8100	68	0.025	2.000	2.231			
Faidherbia albida	Tanzania	Wagingombe	5/92		1.363	74				0.03	1.333				
Faidherbia albida	Tanzania	Wagingombe	5/92/01	0.027	0.020						0.020				
Faidherbia albida	Tanzania	Wagingombe	5/92/02	0.017	0.012						0.012				
Faidherbia albida	Tanzania	Wagingombe	5/92/03	0.025	0.018						0.018				
Faidherbia albida	Tanzania	Wagingombe	5/92/04	0.048	0.041						0.041				
Faidherbia albida	Tanzania	Wagingombe	5/92/05	0.032	0.025						0.025				
Faidherbia albida	Tanzania	Wagingombe	5/92/06	0.380	0.323					0.03	0.293				
Faidherbia albida	Tanzania	Wagingombe	5/92/07	0.054	0.047						0.047				
Faidherbia albida	Tanzania	Wagingombe	5/92/08	0.246	0.189					0.03	0.159				
Faidherbia albida	Tanzania	Wagingombe	5/92/09	0.014	0.010						0.010				

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Faidherbia albida	Tanzania	Wagingombe	5/92/10	0.375	0.318					0.03	0.288				
Faidherbia albida	Tanzania	Wagingombe	5/92/11	0.107	0.050						0.050				
Faidherbia albida	Tanzania	Wagingombe	5/92/12	0.088	0.076						0.076				
Faidherbia albida	Tanzania	Wagingombe	5/92/13	0.169	0.112						0.112				
Faidherbia albida	Tanzania	Wagingombe	5/92/14	0.380	0.323					0.03	0.293				
Faidherbia albida	Tanzania	Wagingombe	5/92/15	0.380	0.323						0.323				
Faidherbia albida	Tanzania	Wagingombe	5/92/16	0.362	0.305					0.03	0.275				
Faidherbia albida	Tanzania	Wagingombe	5/92/17	0.186	0.129						0.129				
Faidherbia albida	Tanzania	Wagingombe	5/92/18	0.335	0.278					0.03	0.248				
Faidherbia albida	Tanzania	Wagingombe	5/92/19	0.100	0.093						0.093				
Faidherbia albida	Tanzania	Wagingombe	5/92/20	0.091	0.084						0.084				
Faidherbia albida	Tanzania	Wagingombe	5/92/21	0.101	0.094						0.094				
Faidherbia albida	Tanzania	Wagingombe	5/92/22	0.371	0.314					0.03	0.284				
Faidherbia albida	Tanzania	Wagingombe	5/92/23	0.113	0.056						0.056				
Faidherbia albida	Tanzania	Wagingombe	5/92/24	0.390	0.333					0.03	0.303				
Faidherbia albida	Tanzania	Wagingombe	5/92/25	0.181	0.124						0.124				
Faidherbia albida	Tanzania	Wagingombe	5/92/26	0.054	0.047						0.047				
Faidherbia albida	Tanzania	Wagingombe	5/92/27	0.063	0.056						0.056				
Faidherbia albida	Tanzania	Wagingombe	5/92/28	0.121	0.064						0.064				
Faidherbia albida	Tanzania	Wagingombe	5/92/29	0.149	0.092						0.092				
Faidherbia albida	Tanzania	Wagingombe	5/92/30	0.013	0.007						0.007				
Faidherbia albida	Tanzania	Wagingombe	5/92/31	0.154	0.102					0.03	0.072				
Faidherbia albida	Tanzania	Wagingombe	5/92/32	0.033	0.031						0.031				
Faidherbia albida	Tanzania	Wagingombe	5/92/33	0.017	0.019						0.019				
Faidherbia albida	Tanzania	Wagingombe	5/92/34	0.006	0.005						0.005				
Faidherbia albida	Tanzania	Wagingombe	5/92/35	0.033	0.031						0.031				
Faidherbia albida	Tanzania	Wagingombe	5/92/36	0.004	0.012						0.012				
Faidherbia albida	Tanzania	Wagingombe	5/92/37	0.032	0.030						0.030				
Faidherbia albida	Tanzania	Wagingombe	5/92/38	0.004	0.002						0.002				
Faidherbia albida	Tanzania	Wagingombe	5/92/39	0.003	0.011						0.011				
Faidherbia albida	Tanzania	Wagingombe	5/92/40	0.148	0.096					0.03	0.066				
Faidherbia albida	Tanzania	Wagingombe	5/92/41	0.089	0.087						0.087				
Faidherbia albida	Tanzania	Wagingombe	5/92/42	0.256	0.204					0.03	0.174				
Faidherbia albida	Tanzania	Wagingombe	5/92/43	0.038	0.036						0.036				
Faidherbia albida	Tanzania	Wagingombe	5/92/44	0.034	0.032						0.032				

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Faidherbia albida	Tanzania	Wagingombe	5/92/45	0.006	0.004						0.004				
Faidherbia albida	Tanzania	Wagingombe	5/92/46	0.090	0.088					0.03	0.058				
Faidherbia albida	Tanzania	Wagingombe	5/92/47	0.103	0.051						0.051				
Faidherbia albida	Tanzania	Wagingombe	5/92/48	0.378	0.326					0.03	0.296				
Faidherbia albida	Tanzania	Wagingombe	5/92/49	0.370	0.318					0.03	0.288				
Faidherbia albida	Tanzania	Wagingombe	5/92/50	0.049	0.047						0.047				
Faidherbia albida	Tanzania	Wagingombe	5/92/51	0.373	0.321					0.03	0.291				
Faidherbia albida	Tanzania	Wagingombe	5/92/52	0.367	0.315						0.315				
Faidherbia albida	Tanzania	Wagingombe	5/92/53	0.373	0.321					0.03	0.291				
Faidherbia albida	Tanzania	Wagingombe	5/92/54	0.347	0.295						0.295				
Faidherbia albida	Tanzania	Wagingombe	5/92/55	0.385	0.333					0.03	0.303				
Faidherbia albida	Tanzania	Wagingombe	5/92/56	0.099	0.097						0.097				
Faidherbia albida	Tanzania	Wagingombe	5/92/57	0.339	0.287					0.03	0.257				
Faidherbia albida	Tanzania	Wagingombe	5/92/58	0.294	0.242						0.242				
Faidherbia albida	Tanzania	Wagingombe	5/92/59	0.371	0.319					0.03	0.289				
Faidherbia albida	Tanzania	Wagingombe	5/92/60	0.369	0.317						0.317				
Faidherbia albida	Tanzania	Wagingombe	5/92/61	0.315	0.263						0.263				
Faidherbia albida	Tanzania	Wagingombe	5/92/62	0.373	0.321					0.03	0.291				
Faidherbia albida	Tanzania	Wagingombe	5/92/63	0.133	0.081						0.081				
Faidherbia albida	Tanzania	Wagingombe	5/92/64	0.142	0.090					0.03	0.060				
Faidherbia albida	Tanzania	Wagingombe	5/92/65	0.075	0.073						0.073				
Faidherbia albida	Tanzania	Wagingombe	5/92/66	0.145	0.093						0.093				
Faidherbia albida	Tanzania	Wagingombe	5/92/67	0.376	0.324					0.03	0.294				
Faidherbia albida	Tanzania	Wagingombe	5/92/68	0.233	0.181						0.181				
Faidherbia albida	Tanzania	Wagingombe	5/92/69	0.065	0.063						0.063				
Faidherbia albida	Tanzania	Wagingombe	5/92/70	0.142	0.090						0.090				
Faidherbia albida	Tanzania	Wagingombe	5/92/71	0.257	0.205					0.03	0.175				
Faidherbia albida	Tanzania	Wagingombe	5/92/72	0.082	0.080						0.080				
Faidherbia albida	Tanzania	Wagingombe	5/92/73	0.289	0.237					0.03	0.207				
Faidherbia albida	Tanzania	Wagingombe	5/92/74	0.146	0.094					0.03	0.064				
Faidherbia albida	Zambia	Chinzombo	75/90	0.868	8.778	23	1991	8400	99	0.024	2.000	6.754			
Faidherbia albida	Zambia	Chinzombo	75/90/01	0.792	0.495					0.024	0.471				
Faidherbia albida	Zambia	Chinzombo	75/90/02	1.330	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/03	1.689	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/04	0.978	0.500					0.024	0.476				

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Faidherbia albida	Zambia	Chinzombo	75/90/05	0.404	0.394					0.024	0.370				
Faidherbia albida	Zambia	Chinzombo	75/90/06	0.572	0.495					0.024	0.471				
Faidherbia albida	Zambia	Chinzombo	75/90/07	1.291	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/08	0.645	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/09	2.652	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/10	0.788	0.495					0.024	0.471				
Faidherbia albida	Zambia	Chinzombo	75/90/11	1.062	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/12	0.901	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/13	1.272	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/14	1.340	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/15	0.890	0.495					0.024	0.471				
Faidherbia albida	Zambia	Chinzombo	75/90/16	1.203	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/17	0.573	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/18	1.111	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/19	0.581	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/20	0.789	0.495					0.024	0.471				
Faidherbia albida	Zambia	Chinzombo	75/90/21	1.085	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/22	1.408	0.500					0.024	0.476				
Faidherbia albida	Zambia	Chinzombo	75/90/23	0.460	0.450					0.024	0.426				
Faidherbia albida	Zambia	Kafue Flats	76/90	10.960	9.671			6500	97	0.031	2.000	7.64			
Faidherbia albida	Zambia	Masese	186/87		0.005									0.005	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Bubi-1	155/87		1.283									1.283	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Bubi-2	156/87		0.221									0.221	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Bubye River	27/93/01	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/02	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/03	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/04	0.008	0.008						0.008				
Faidherbia albida	Zimbabwe	Bubye River	27/93/05	0.006	0.006						0.006				
Faidherbia albida	Zimbabwe	Bubye River	27/93/06	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/07	0.004	0.004						0.004				
Faidherbia albida	Zimbabwe	Bubye River	27/93/08	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/09	0.003	0.003						0.003				
Faidherbia albida	Zimbabwe	Bubye River	27/93/10	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/11	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/12	0.004	0.004						0.004				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	Bubye River	27/93/13	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/14	0.008	0.008						0.008				
Faidherbia albida	Zimbabwe	Bubye River	27/93/15	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/16	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/17	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/18	0.007	0.007						0.007				
Faidherbia albida	Zimbabwe	Bubye River	27/93/19	0.007	0.007						0.007				
Faidherbia albida	Zimbabwe	Bubye River	27/93/20	0.004	0.004						0.004				
Faidherbia albida	Zimbabwe	Bubye River	27/93/21	0.007	0.007						0.007				
Faidherbia albida	Zimbabwe	Bubye River	27/93/22	0.006	0.006						0.006				
Faidherbia albida	Zimbabwe	Bubye River	27/93/23	0.003	0.003						0.003				
Faidherbia albida	Zimbabwe	Bubye River	27/93/24	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/25	0.004	0.004						0.004				
Faidherbia albida	Zimbabwe	Bubye River	27/93/26	0.010	0.010						0.010				
Faidherbia albida	Zimbabwe	Bubye River	27/93/27	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/28	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/29	0.002	0.002						0.002				
Faidherbia albida	Zimbabwe	Bubye River	27/93/30	0.003	0.003						0.003				
Faidherbia albida	Zimbabwe	Bubye River	27/93/31	0.001	0.001						0.001				
Faidherbia albida	Zimbabwe	Bubye River	27/93/32	0.009	0.009						0.009				
Faidherbia albida	Zimbabwe	Bubye River	27/93/33	0.004	0.004						0.004				
Faidherbia albida	Zimbabwe	Bubye River	27/93/34	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/35	0.008	0.008						0.008				
Faidherbia albida	Zimbabwe	Bubye River	27/93/36	0.006	0.006						0.006				
Faidherbia albida	Zimbabwe	Bubye River	27/93/37	0.004	0.004						0.004				
Faidherbia albida	Zimbabwe	Bubye River	27/93/38	0.009	0.009						0.009				
Faidherbia albida	Zimbabwe	Bubye River	27/93/39	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Bubye River	27/93/40	0.006	0.006						0.006				
Faidherbia albida	Zimbabwe	Bubye River	27/93/41	0.007	0.007						0.007				
Faidherbia albida	Zimbabwe	Bubye River	27/93/42	0.012	0.012						0.012				
Faidherbia albida	Zimbabwe	Bubye River	27/93/43	0.003	0.003						0.003				
Faidherbia albida	Zimbabwe	Bubye River	28/93	1.530	1.333		1993	6000	56	0.033	1.300				
Faidherbia albida	Zimbabwe	Changadze River	146/87		0.307									0.307	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/01	0.010	0.010									0.01	only 7 families - bin
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/02	0.009	0.009									0.009	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/03	0.009	0.009									0.009	
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/04	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/05	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/06	0.009	0.009									0.009	
Faidherbia albida	Zimbabwe	Chipinda Pools	58/90/07	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Devure	47/90	5.320	4.356		1990	5800	77	0.034	2.000	2.322			
Faidherbia albida	Zimbabwe	Dumisa	22/92/01	0.049	0.049					0.034				0.015	
Faidherbia albida	Zimbabwe	Dumisa	22/92/02	0.026	0.026					0.026					
Faidherbia albida	Zimbabwe	Dumisa	22/92/03	0.021	0.021					0.021					
Faidherbia albida	Zimbabwe	Dumisa	22/92/04	0.013	0.013									0.013	
Faidherbia albida	Zimbabwe	Dumisa	22/92/05	0.032	0.032					0.032					
Faidherbia albida	Zimbabwe	Dumisa	22/92/06	0.031	0.031					0.031					
Faidherbia albida	Zimbabwe	Dumisa	22/92/07	0.012	0.012									0.012	
Faidherbia albida	Zimbabwe	Dumisa	22/92/08	0.016	0.016					0.016					
Faidherbia albida	Zimbabwe	Dumisa	22/92/09	0.022	0.022					0.022					
Faidherbia albida	Zimbabwe	Dumisa	22/92/10	0.005	0.005									0.005	
Faidherbia albida	Zimbabwe	Dumisa	22/92/11	0.034	0.034					0.034					
Faidherbia albida	Zimbabwe	Dumisa	22/92/12	0.018	0.018					0.018					
Faidherbia albida	Zimbabwe	Dumisa	22/92/13	0.034	0.034					0.034					
Faidherbia albida	Zimbabwe	Dumisa	22/92/14	0.032	0.032					0.032					
Faidherbia albida	Zimbabwe	Dumisa	22/92/15	0.026	0.026					0.026					
Faidherbia albida	Zimbabwe	Dumisa	22/92/16	0.017	0.017					0.017					
Faidherbia albida	Zimbabwe	Dumisa	22/92/17	0.021	0.021					0.021					
Faidherbia albida	Zimbabwe	Dumisa	22/92/18	0.033	0.033					0.033					
Faidherbia albida	Zimbabwe	Dumisa	22/92/19	0.012	0.012									0.012	
Faidherbia albida	Zimbabwe	Dumisa	22/92/20	0.027	0.027					0.027					
Faidherbia albida	Zimbabwe	Dumisa	22/92/21	0.033	0.033					0.033					
Faidherbia albida	Zimbabwe	Dumisa	22/92/22	0.039	0.039					0.034				0.005	
Faidherbia albida	Zimbabwe	Dumisa	22/92/23	0.018	0.018					0.018					
Faidherbia albida	Zimbabwe	Dumisa	22/92/24	0.002	0.002									0.002	
Faidherbia albida	Zimbabwe	Dumisa	22/92/25	0.002	0.002									0.002	
Faidherbia albida	Zimbabwe	Dumisa	22/92/26	0.019	0.019					0.019					
Faidherbia albida	Zimbabwe	Dumisa	22/92/27	0.029	0.029					0.029					
Faidherbia albida	Zimbabwe	Dumisa	22/92/28	0.019	0.019					0.019					
Faidherbia albida	Zimbabwe	Dumisa	22/92/29	0.012	0.012					0.012					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	Dumisa	22/92/30	0.019	0.019					0.019					
Faidherbia albida	Zimbabwe	Dumisa	76/92	1.470	0.830					0.025	0.805				
Faidherbia albida	Zimbabwe	Fuller	201/87		0.170									0.17	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Gona-re-zhou	30/92	2.000	1.802		1996	7400	94	0.027	1.775				
Faidherbia albida	Zimbabwe	Gwaai river	21/93	4.010	3.138		1993	9800	99	0.02	2.000	1.118			
Faidherbia albida	Zimbabwe	Gwaai river	24/93/01	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/02	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/03	0.002	0.002					0.002					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/04	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/05	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/06	0.005	0.005					0.005					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/07	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/08	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/09	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/10	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/11	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/12	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/13	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/14	0.008	0.008					0.008					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/15	0.006	0.006					0.006					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/16	0.001	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/17	0.001	0.006					0.006					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/18	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/19	0.002	0.002					0.002					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/20	0.002	0.002					0.002					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/21	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/23	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/24	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/25	0.007	0.007					0.007					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/26	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/27	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/28	0.005	0.005					0.005					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/29	0.002	0.002					0.002					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/30	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/31	0.007	0.007					0.007					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	Gwaai river	24/93/32	0.002	0.002					0.002					
Faidherbia albida	Zimbabwe	Gwaai river	24/93/33	0.001	0.001									0.001	
Faidherbia albida	Zimbabwe	Gwaai river	24/93/34	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/01	0.010	0.010									0.01	only 7 families.- bin
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/02	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/03	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/04	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/05	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/06	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange N.P.	57/90/07	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Hwange National Park	158/87		0.066									0.01	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Kapula	22/93/01	0.006	0.006					0.006					
Faidherbia albida	Zimbabwe	Kapula	22/93/02	0.006	0.006					0.006					
Faidherbia albida	Zimbabwe	Kapula	22/93/03	0.007	0.007					0.007					
Faidherbia albida	Zimbabwe	Kapula	22/93/04	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Kapula	22/93/05	0.008	0.008					0.008					
Faidherbia albida	Zimbabwe	Kapula	22/93/06	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Kapula	22/93/07	0.006	0.006					0.006					
Faidherbia albida	Zimbabwe	Kapula	22/93/08	0.005	0.005					0.005					
Faidherbia albida	Zimbabwe	Kapula	22/93/09	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Kapula	22/93/10	0.007	0.007					0.007					
Faidherbia albida	Zimbabwe	Kapula	22/93/11	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Kapula	22/93/12	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Kapula	22/93/13	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Kapula	22/93/14	0.007	0.007					0.007					
Faidherbia albida	Zimbabwe	Kapula	22/93/15	0.005	0.005					0.005					
Faidherbia albida	Zimbabwe	Kapula	22/93/16	0.005	0.005					0.005					
Faidherbia albida	Zimbabwe	Kapula	22/93/17	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Kapula	22/93/18	0.006	0.006					0.006					
Faidherbia albida	Zimbabwe	Kapula	22/93/19	0.003	0.003					0.003					
Faidherbia albida	Zimbabwe	Kapula	22/93/20	0.004	0.004					0.004					
Faidherbia albida	Zimbabwe	Kapula	23/93	4.010	3.042		1993	5100	96	0.035	2.000	1.007			
Faidherbia albida	Zimbabwe	Kazungula-1	198/87		0.054									0.054	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	MAN-Manicaland-1	190/87		0.978									0.978	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	MASV-Masvingo-1	149/87		0.026									0.026	may not exist at Alice Holt

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	MASV-Masvingo-2	157/87		0.045									0.045	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	MASV-Masvingo-4	152/87		0.050									0.05	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	MASV-Masvingo-5	153/87		0.004									0.004	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Mana	116/87		0.017									0.017	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Mana	145/87		0.292									0.292	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Mana Pools	19/92		0.394	35	1997	7000	98	0.03	0.364				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/01	0.180	0.130						0.130				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/02	0.119	0.069						0.069				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/03	0.103	0.053						0.053				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/04	0.107	0.057						0.057				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/05	0.101	0.051						0.051				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/06	0.119	0.069						0.069				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/07	0.062	0.012						0.012				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/08	0.129	0.079						0.079				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/09	0.081	0.031						0.031				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/10	0.101	0.051						0.051				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/11	0.084	0.034						0.034				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/12	0.101	0.051						0.051				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/13	0.120	0.070						0.070				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/14	0.126	0.076						0.076				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/15	0.079	0.079						0.079				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/16	0.108	0.058						0.058				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/17	0.110	0.060						0.060				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/18	0.119	0.069						0.069				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/19	0.086	0.086						0.086				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/20	0.105	0.055						0.055				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/21	0.113	0.063						0.063				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/22	0.117	0.067						0.067				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/23	0.087	0.037						0.037				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/24	0.062	0.062						0.062				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/25	0.117	0.067						0.067				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/26	0.116	0.066						0.066				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/27	0.102	0.052						0.052				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/28	0.102	0.052						0.052				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/29	0.116	0.066						0.066				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Mana Pools	19/92/30	0.138	0.088						0.088				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/31	0.131	0.081						0.081				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/32	0.101	0.051						0.051				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/33	0.127	0.077						0.077				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/34	0.084	0.084						0.084				
Faidherbia albida	Zimbabwe	Mana Pools	19/92/35	0.065	0.065						0.065				
Faidherbia albida	Zimbabwe	Mana Pools	23/90	5.240	3.471		1990	5500	82		2.000	1.471			
Faidherbia albida	Zimbabwe	Mana Pools	24/90	0.021	0.069	25	1991	4600	88	0.044				0.025	
Faidherbia albida	Zimbabwe	Mana Pools	24/90/01	0.118	0.108						0.108				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/02	0.065	0.055						0.055				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/03	0.090	0.080						0.080				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/04	0.103	0.093						0.093				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/05	0.127	0.117						0.117				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/06	0.093	0.083						0.083				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/07	0.086	0.076						0.076				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/08	0.101	0.091						0.091				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/09	0.094	0.084						0.084				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/10	0.070	0.060						0.060				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/11	0.071	0.061						0.061				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/12	0.068	0.058						0.058				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/13	0.064	0.054						0.054				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/14	0.095	0.085						0.085				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/15	0.102	0.092						0.092				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/16	0.101	0.091						0.091				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/17	0.088	0.078						0.078				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/18	0.086	0.076						0.076				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/19	0.100	0.090						0.090				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/20	0.086	0.076						0.076				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/21	0.084	0.074						0.074				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/22	0.064	0.054						0.054				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/23	0.070	0.060						0.060				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/24	0.096	0.086						0.086				
Faidherbia albida	Zimbabwe	Mana Pools	24/90/25	0.082	0.072						0.072				
Faidherbia albida	Zimbabwe	Mana Pools	28/92	2.000	1.687		1997	7700	98		1.687				
Faidherbia albida	Zimbabwe	Mana Pools	56/90/01	0.010	0.010									0.01	only 7 families - bin

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Mana Pools	56/90/02	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Mana Pools	56/90/03	0.008	0.008									0.008	
Faidherbia albida	Zimbabwe	Mana Pools	56/90/04	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Mana Pools	56/90/05	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Mana Pools	56/90/06	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Mana Pools	56/90/07	0.010	0.010									0.01	
Faidherbia albida	Zimbabwe	Midsabi	120/87		0.010									0.01	may not exist at Alice Holt
Faidherbia albida	Zimbabwe	Msaizi	37/90		0.247	15	1991	7800	86					0.247	
Faidherbia albida	Zimbabwe	Msaizi	37/90/01	0.289	0.269									0.269	
Faidherbia albida	Zimbabwe	Msaizi	37/90/02	0.356	0.336									0.336	
Faidherbia albida	Zimbabwe	Msaizi	37/90/03	0.168	0.148									0.148	
Faidherbia albida	Zimbabwe	Msaizi	37/90/04	0.701	0.681									0.681	
Faidherbia albida	Zimbabwe	Msaizi	37/90/05	0.151	0.131									0.131	
Faidherbia albida	Zimbabwe	Msaizi	37/90/06	0.713	0.693									0.693	
Faidherbia albida	Zimbabwe	Msaizi	37/90/07	0.442	0.422									0.422	
Faidherbia albida	Zimbabwe	Msaizi	37/90/08	0.104	0.084									0.084	
Faidherbia albida	Zimbabwe	Msaizi	37/90/09	0.180	0.160									0.16	
Faidherbia albida	Zimbabwe	Msaizi	37/90/10	0.091	0.071									0.071	
Faidherbia albida	Zimbabwe	Msaizi	37/90/11	0.104	0.084									0.084	
Faidherbia albida	Zimbabwe	Msaizi	37/90/12	0.050	0.049									0.049	
Faidherbia albida	Zimbabwe	Msaizi	37/90/13	0.038	0.038									0.038	
Faidherbia albida	Zimbabwe	Msaizi	37/90/14	0.136	0.116									0.116	
Faidherbia albida	Zimbabwe	Msaizi	37/90/15	0.085	0.065									0.065	
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92		0.733	46	1997	7200	96	0.028	0.705				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/01	0.068	0.038						0.038				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/02	0.092	0.062					0.028	0.034				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/03	0.064	0.034						0.034				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/04	0.066	0.036						0.036				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/05	0.129	0.099					0.028	0.071				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/06	0.065	0.035						0.035				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/07	0.052	0.022						0.022				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/08	0.092	0.062					0.028	0.034				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/09	0.070	0.040					0.028	0.012				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/10	0.035	0.005						0.005				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/11	0.104	0.074					0.028	0.046				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/12	0.109	0.079						0.079				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/13	0.108	0.078					0.028	0.050				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/14	0.091	0.061						0.061				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/15	0.101	0.071					0.028	0.043				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/16	0.100	0.070						0.070				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/17	0.106	0.076						0.076				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/18	0.155	0.125					0.028	0.097				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/19	0.155	0.125					0.028	0.097				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/20	0.152	0.122					0.028	0.094				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/21	0.118	0.088					0.028	0.060				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/22	0.117	0.087						0.087				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/23	0.171	0.141					0.028	0.113				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/24	0.111	0.081						0.081				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/25	0.150	0.120					0.028	0.092				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/26	0.139	0.119					0.028	0.091				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/27	0.138	0.118					0.028	0.090				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/28	0.167	0.147					0.028	0.119				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/29	0.112	0.092					0.028	0.064				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/30	0.054	0.034						0.034				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/31	0.099	0.079						0.079				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/32	0.159	0.139					0.028	0.111				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/33	0.107	0.087						0.087				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/34	0.094	0.074						0.074				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/35	0.095	0.075					0.028	0.047				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/36	0.075	0.055						0.055				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/37	0.126	0.106					0.028	0.078				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/38	0.150	0.130					0.028	0.102				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/39	0.098	0.078						0.078				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/40	0.100	0.080						0.080				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/41	0.135	0.115					0.028	0.087				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/42	0.128	0.108					0.028	0.080				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/43	0.088	0.068						0.068				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/44	0.085	0.065						0.065				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/45	0.116	0.096					0.028	0.068				
Faidherbia albida	Zimbabwe	Nyamepi (Mana Poc	21/92/46	0.150	0.130					0.028	0.102				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Nyanyadzi	25/92	3.410	2.530		1997	3900	24	0.05	2.480				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92		0.099	75					0.099				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/01	0.007	0.007						0.007				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/02	0.013	0.013						0.013				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/03	0.018	0.018						0.018				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/04	0.014	0.014						0.014				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/05	0.008	0.010						0.010				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/06	0.016	0.016						0.016				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/07	0.019	0.019						0.019				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/08	0.013	0.013						0.013				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/09	0.030	0.030						0.030				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/10	0.034	0.034						0.034				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/11	0.005	0.005						0.005				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/12	0.016	0.016						0.016				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/13	0.017	0.017						0.017				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/14	0.039	0.039						0.039				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/15	0.048	0.048						0.048				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/16	0.052	0.052						0.052				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/17	0.040	0.040						0.040				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/18	0.018	0.018						0.018				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/19	0.032	0.032						0.032				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/20	0.031	0.031						0.031				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/21	0.054	0.054						0.054				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/22	0.052	0.052						0.052				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/23	0.026	0.026						0.026				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/24	0.026	0.026						0.026				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/26	0.027	0.027						0.027				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/27	0.037	0.037						0.037				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/28	0.038	0.038						0.038				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/29	0.053	0.053						0.053				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/30	0.009	0.011						0.011				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/31	0.038	0.038						0.038				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/32	0.029	0.029						0.029				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/33	0.035	0.035						0.035				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/34	0.020	0.020						0.020				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/35	0.027	0.027						0.027				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/36	0.043	0.043						0.043				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/37	0.063	0.063						0.063				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/38	0.043	0.043						0.043				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/39	0.017	0.017						0.017				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/40	0.064	0.064						0.064				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/41	0.022	0.022						0.022				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/42	0.049	0.049						0.049				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/43	0.043	0.043						0.043				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/44	0.050	0.050						0.050				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/45	0.015	0.015						0.015				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/46	0.020	0.020						0.020				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/47	0.038	0.038						0.038				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/48	0.018	0.018						0.018				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/49	0.036	0.036						0.036				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/50	0.039	0.039						0.039				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/51	0.011	0.012						0.012				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/52	0.024	0.024						0.024				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/53	0.027	0.027						0.027				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/54	0.043	0.043						0.043				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/55	0.007	0.009						0.009				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/56	0.024	0.024						0.024				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/57	0.015	0.015						0.015				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/58	0.035	0.035						0.035				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/59	0.073	0.073						0.073				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/60	0.038	0.038						0.038				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/61	0.030	0.030						0.030				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/62	0.030	0.030						0.030				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/63	0.019	0.019						0.019				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/64	0.032	0.032						0.032				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/65	0.033	0.033						0.033				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/66	0.135	0.135						0.135				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/67	0.119	0.119						0.119				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/68	0.137	0.137						0.137				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/69	0.104	0.104						0.104				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/70	0.237	0.237						0.237				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/71	0.132	0.132						0.132				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/72	0.210	0.210						0.210				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/73	0.187	0.187						0.187				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/74	0.132	0.132						0.132				
Faidherbia albida	Zimbabwe	Rekomechi river	20/92/75	0.094	0.094						0.094				
Faidherbia albida	Zimbabwe	Sesame River	15/90	10.000	8.072						2.000	6.072			
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92		1.037	100				0.03	1.007				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/01	0.044	0.044						0.044				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/02	0.085	0.060					0.03	0.030				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/03	0.092	0.067						0.067				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/04	0.051	0.051						0.051				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/05	0.053	0.053						0.053				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/06	0.083	0.058						0.058				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/07	0.121	0.096					0.03	0.066				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/08	0.045	0.045						0.045				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/09	0.086	0.061					0.03	0.031				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/10	0.053	0.053						0.053				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/100	0.066	0.044						0.044				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/11	0.083	0.058						0.058				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/12	0.127	0.102					0.03	0.072				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/13	0.112	0.087					0.03	0.057				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/14	0.066	0.041						0.041				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/15	0.107	0.082					0.03	0.052				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/16	0.094	0.069						0.069				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/17	0.075	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/18	0.101	0.076					0.03	0.046				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/19	0.059	0.034						0.034				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/20	0.129	0.104					0.03	0.074				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/21	0.090	0.065						0.065				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/22	0.168	0.143					0.03	0.113				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/23	0.085	0.060						0.060				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/24	0.084	0.059						0.059				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/25	0.075	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/26	0.105	0.080					0.03	0.050				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/27	0.045	0.045						0.045				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/28	0.087	0.062					0.03	0.032				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/29	0.052	0.052						0.052				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/30	0.063	0.038						0.038				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/31	0.098	0.073						0.073				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/32	0.101	0.076						0.076				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/33	0.050	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/34	0.108	0.083					0.03	0.053				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/35	0.075	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/36	0.100	0.075						0.075				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/37	0.045	0.045						0.045				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/38	0.079	0.054						0.054				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/39	0.085	0.060					0.03	0.030				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/40	0.068	0.043						0.043				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/41	0.058	0.033						0.033				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/42	0.097	0.072					0.03	0.042				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/43	0.052	0.052						0.052				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/44	0.043	0.043						0.043				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/45	0.083	0.058					0.03	0.028				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/46	0.060	0.035						0.035				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/47	0.099	0.074						0.074				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/48	0.102	0.077					0.03	0.047				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/49	0.070	0.045						0.045				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/50	0.057	0.032						0.032				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/51	0.050	0.050					0.03	0.020				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/52	0.050	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/53	0.049	0.049						0.049				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/54	0.036	0.036						0.036				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/55	0.060	0.035						0.035				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/56	0.037	0.037						0.037				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/57	0.028	0.030						0.030				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/58	0.017	0.018						0.018				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/59	0.050	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/60	0.084	0.059					0.03	0.029				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/61	0.081	0.056						0.056				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CFW	BIN	NOTES
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/62	0.055	0.030						0.030				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/63	0.072	0.047						0.047				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/64	0.031	0.031						0.031				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/65	0.056	0.031					0.031					
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/66	0.024	0.026						0.026				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/68	0.039	0.039						0.039				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/69	0.031	0.031						0.031				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/70	0.048	0.048						0.048				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/71	0.033	0.033						0.033				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/72	0.022	0.025						0.025				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/73	0.039	0.039						0.039				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/74	0.074	0.049						0.049				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/75	0.081	0.056					0.03	0.026				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/76	0.050	0.050						0.050				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/77	0.085	0.059					0.03	0.029				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/78	0.044	0.044						0.044				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/79	0.054	0.029						0.029				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/80	0.062	0.037						0.037				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/81	0.037	0.037						0.037				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/82	0.077	0.052						0.052				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/83	0.065	0.040						0.040				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/84	0.054	0.054					0.03	0.024				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/85	0.046	0.046						0.046				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/86	0.074	0.049						0.049				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/87	0.063	0.038						0.038				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/88	0.076	0.051					0.03	0.021				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/89	0.010	0.011						0.011				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/90	0.030	0.030						0.030				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/91	0.031	0.031						0.031				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/92	0.072	0.046					0.03	0.016				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/93	0.036	0.036						0.036				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/94	0.066	0.041						0.041				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/95	0.059	0.034						0.034				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/96	0.057	0.031						0.031				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/97	0.026	0.027						0.027				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	ZIM FC	CWF	BIN	NOTES
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/98	0.091	0.066					0.03	0.036				
Faidherbia albida	Zimbabwe	Tambarhata vlei	23/92/99	0.049	0.049						0.049				
Faidherbia albida	Zimbabwe	Tambarhata vlei	75/92	1.600	1.600						1.600				
Faidherbia albida	Zimbabwe	Tegwani/Masiti dam	25/93	3.325	2.526		1993	5900	87		2.526				
Faidherbia albida	Zimbabwe	Tegwani/Masiti dam	26/93		0.034	30				0.034					
Faidherbia albida	Zimbabwe	manyoni river	89/90		3.202	24	1991	8900	94	0.023	2.000	1.179			
Faidherbia albida	Zimbabwe	manyoni river	89/90/501	0.991	0.781					0.023	0.758				
Faidherbia albida	Zimbabwe	manyoni river	89/90/502	1.071	0.861					0.023	0.838				
Faidherbia albida	Zimbabwe	manyoni river	89/90/503	0.886	0.676					0.023	0.653				
Faidherbia albida	Zimbabwe	manyoni river	89/90/504	0.723	0.513					0.023	0.490				
Faidherbia albida	Zimbabwe	manyoni river	89/90/505	0.391	0.281					0.023	0.258				
Faidherbia albida	Zimbabwe	manyoni river	89/90/506	0.543	0.333					0.023	0.310				
Faidherbia albida	Zimbabwe	manyoni river	89/90/507	0.652	0.442					0.023	0.419				
Faidherbia albida	Zimbabwe	manyoni river	89/90/508	0.299	0.289					0.023	0.266				
Faidherbia albida	Zimbabwe	manyoni river	89/90/509	0.575	0.365					0.023	0.342				
Faidherbia albida	Zimbabwe	manyoni river	89/90/510	0.321	0.311					0.023	0.288				
Faidherbia albida	Zimbabwe	manyoni river	89/90/511	0.684	0.674					0.023	0.651				
Faidherbia albida	Zimbabwe	manyoni river	89/90/512	1.034	0.824					0.023	0.801				
Faidherbia albida	Zimbabwe	manyoni river	89/90/513	0.651	0.441					0.023	0.418				
Faidherbia albida	Zimbabwe	manyoni river	89/90/514	0.845	0.635					0.023	0.612				
Faidherbia albida	Zimbabwe	manyoni river	89/90/515	0.332	0.322					0.023	0.299				
Faidherbia albida	Zimbabwe	manyoni river	89/90/516	0.927	0.717					0.023	0.694				
Faidherbia albida	Zimbabwe	manyoni river	89/90/517	1.024	0.814					0.023	0.791				
Faidherbia albida	Zimbabwe	manyoni river	89/90/518	0.407	0.297					0.023	0.274				
Faidherbia albida	Zimbabwe	manyoni river	89/90/519	0.783	0.573					0.023	0.550				
Faidherbia albida	Zimbabwe	manyoni river	89/90/520	1.108	0.898					0.023	0.875				
Faidherbia albida	Zimbabwe	manyoni river	89/90/521	1.090	0.880					0.023	0.857				
Faidherbia albida	Zimbabwe	manyoni river	89/90/522	1.147	0.937					0.023	0.914				
Faidherbia albida	Zimbabwe	manyoni river	89/90/523	1.135	0.925					0.023	0.902				
Faidherbia albida	Zimbabwe	manyoni river	89/90/524	0.580	0.170					0.023	0.147				
								total kg		39.423	467.176	128.421	0.84	99.84	
								total seed lots		1701	2340	43	56	392	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra acapulcensis	Mexico	Colotlida	163/92	0.043	0.003					0.003				
Calliandra acapulcensis	Mexico	El Mezquite	35/92	0.094	0.003		1992	26000	93			0.003		Alice Holt Ref Coll
Calliandra acapulcensis	Mexico	Playa Azul	63/92	0.059	0.009					0.009				
Calliandra acapulcensis	Mexico	Acapulco	32/93	0.007	0.007	12				0.007				
Calliandra acapulcensis	Mexico	Acapulco	32/93/01	0.007	0.007					0.007				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/02	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/03	0.003	0.003					0.003				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/04	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/05	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/06	0.003	0.003					0.003				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/07	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/08	0.003	0.003					0.003				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/09	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/10	0.001	0.001					0.001				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/11	0.003	0.003					0.003				Bulk with 32/93
Calliandra acapulcensis	Mexico	Acapulco	32/93/12	0.005	0.005					0.005				Bulk with 32/93
Calliandra calothyrsus	Australia	Walkamin (ex-Cisarua	2/99	15.000	11.290						11.29			
Calliandra calothyrsus	Belize	Georgesville	21/91	0.305	0.030		1991	21000		0.01			0.02	
Calliandra calothyrsus	Belize	Georgesville	48/92	1.339	0.094		1995	13000	55		0.094			
Calliandra calothyrsus	Belize	Gracie Rock	46/92	1.022	0.018		1994	19000	76	0.018				
Calliandra calothyrsus	Belize	Gracie Rock	5/97	1.795	1.040		1997	22000	84		1.04			
Calliandra calothyrsus	Belize	San Antonio	45/92	0.573	0.010		1995	25000	80	0.01				
Calliandra calothyrsus	Belize	Santa Cruz	22/91	0.339			1991	24000						
Calliandra calothyrsus	Costa Rica	Agua Zarcas	59/93	0.340	0.076		1993	19000		0.011	0.065			
Calliandra calothyrsus	Costa Rica	Fortuna	18/91	0.994	0.040		1991	20000			0.04			
Calliandra calothyrsus	Costa Rica	Fortuna	56/93	0.831	0.093					0.01	0.083			
Calliandra calothyrsus	Costa Rica	Fortuna	108/94	0.457	0.050	22					0.05			
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/01	0.012										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/02	0.012										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/03	0.009	0.006								0.006	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/04	0.007	0.004								0.004	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/05	0.009	0.006								0.006	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/06	0.012										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/07	0.011										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/08	0.011										

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/09	0.007	0.004								0.004	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/10	0.013										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/11	0.010	0.007								0.007	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/12	0.008	0.005								0.005	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/13	0.012										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/14	0.011										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/15	0.017										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/16	0.018										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/17	0.007	0.004								0.004	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/18	0.010										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/19	0.019										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/20	0.019										
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/21	0.029	0.010								0.01	
Calliandra calothyrsus	Costa Rica	Fortuna	108/94/22	0.014										
Calliandra calothyrsus	Costa Rica	Fortuna	2/97	0.146	0.071	12	1997	20000	98		0.071			
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/01	0.029	0.029						0.029			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/02	0.028	0.028						0.028			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/03	0.013	0.013						0.013			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/04	0.023	0.023						0.023			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/05	0.026	0.026						0.026			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/06	0.014	0.014						0.014			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/07	0.012	0.012						0.012			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/08	0.025	0.025						0.025			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/09	0.011	0.011						0.011			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/10	0.023	0.023						0.023			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/11	0.024	0.024						0.024			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Fortuna	2/97/12	0.010	0.010						0.01			Bulk with 2/97
Calliandra calothyrsus	Costa Rica	Los Chiles	53/93	0.004	0.004					0.004				
Calliandra calothyrsus	Costa Rica	Salitrales	58/93	0.088	0.057					0.012	0.045			Rarely assessed in trials so little data on performance
Calliandra calothyrsus	Costa Rica	San Isidro del Genera	57/93	0.094	0.009					0.009				
Calliandra calothyrsus	Costa Rica	San Miguel	60/93	0.544	0.015		1993	20000	96	0.01				
Calliandra calothyrsus	Costa Rica	Santa Maria	19/91	0.259	0.030		1991	15000		0.014		0.016		Alice Holt Ref Coll
Calliandra calothyrsus	Costa Rica	Turrialba	20/91	0.453			1991	17000						
Calliandra calothyrsus	Costa Rica	Turrialba	54/93	0.394										
Calliandra calothyrsus	Costa Rica	Turrialba	111/94	0.810	0.034		1995	16000	65	0.013			0.021	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Costa Rica	Turrialba	14/95			18								
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/01	0.015	0.015						0.015			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/02	0.023	0.023						0.023			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/03	0.070	0.070						0.07			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/04	0.009	0.009						0.009			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/05	0.038	0.038						0.038			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/06	0.010	0.010						0.01			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/07	0.010	0.010						0.01			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/08	0.087	0.087						0.087			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/09	0.014	0.014						0.014			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/10	0.007	0.007						0.007			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/11	0.022	0.022						0.022			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/12	0.009	0.009						0.009			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/13	0.022	0.022						0.022			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/14	0.028	0.028						0.028			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/15	0.160	0.160						0.16			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/16	0.016	0.016						0.016			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/17	0.082	0.082						0.082			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Turrialba	14/95/18	0.010	0.010						0.01			Bulk into 14/95
Calliandra calothyrsus	Costa Rica	Upala	55/93	0.029										
Calliandra calothyrsus	Guatemala	Alotenango	16/91	0.485	0.060		1991	14000			0.06			
Calliandra calothyrsus	Guatemala	Alotenango	47/92	1.348	0.330		1996	16000	81	0.013	0.317			
Calliandra calothyrsus	Guatemala	Barillas	51/92	1.747	0.036		1996	18000	80	0.012	0.024			
Calliandra calothyrsus	Guatemala	Barillas	35/93	1.006	0.044	20	1993	9500	51		0.044			
Calliandra calothyrsus	Guatemala	Barillas	35/93/01	0.042	0.023								0.023	
Calliandra calothyrsus	Guatemala	Barillas	35/93/02	0.060	0.041								0.041	
Calliandra calothyrsus	Guatemala	Barillas	35/93/03	0.107	0.088								0.088	
Calliandra calothyrsus	Guatemala	Barillas	35/93/04	0.025	0.006								0.006	
Calliandra calothyrsus	Guatemala	Barillas	35/93/05	0.052	0.033								0.033	
Calliandra calothyrsus	Guatemala	Barillas	35/93/06	0.044	0.025								0.025	
Calliandra calothyrsus	Guatemala	Barillas	35/93/07	0.047	0.028								0.028	
Calliandra calothyrsus	Guatemala	Barillas	35/93/08	0.062	0.043								0.043	
Calliandra calothyrsus	Guatemala	Barillas	35/93/09	0.034	0.015								0.015	
Calliandra calothyrsus	Guatemala	Barillas	35/93/10	0.030	0.011								0.011	
Calliandra calothyrsus	Guatemala	Barillas	35/93/11	0.016										

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Barillas	35/93/12	0.014										
Calliandra calothyrsus	Guatemala	Barillas	35/93/13	0.021	0.002								0.002	
Calliandra calothyrsus	Guatemala	Barillas	35/93/14	0.016										
Calliandra calothyrsus	Guatemala	Barillas	35/93/15	0.008										
Calliandra calothyrsus	Guatemala	Barillas	35/93/16	0.011										
Calliandra calothyrsus	Guatemala	Barillas	35/93/17	0.023										
Calliandra calothyrsus	Guatemala	Barillas	35/93/18	0.023	0.004								0.004	
Calliandra calothyrsus	Guatemala	Barillas	35/93/19	0.052	0.033								0.033	
Calliandra calothyrsus	Guatemala	Barillas	35/93/20	0.048										
Calliandra calothyrsus	Guatemala	Coban	8/91	1.413	0.317	20	1994	21000	93	0.01	0.307			
Calliandra calothyrsus	Guatemala	Coban	8/91/01	0.021	0.018								0.018	Moderate performer in trials, so family material could be
Calliandra calothyrsus	Guatemala	Coban	8/91/02	0.021	0.018								0.018	
Calliandra calothyrsus	Guatemala	Coban	8/91/03	0.005	0.002								0.002	
Calliandra calothyrsus	Guatemala	Coban	8/91/04	0.004	0.001								0.001	
Calliandra calothyrsus	Guatemala	Coban	8/91/05	0.001										
Calliandra calothyrsus	Guatemala	Coban	8/91/06	0.007	0.004								0.004	
Calliandra calothyrsus	Guatemala	Coban	8/91/07	0.005	0.002								0.002	
Calliandra calothyrsus	Guatemala	Coban	8/91/08	0.001										
Calliandra calothyrsus	Guatemala	Coban	8/91/09	0.005	0.002								0.002	
Calliandra calothyrsus	Guatemala	Coban	8/91/10	0.013	0.010								0.01	
Calliandra calothyrsus	Guatemala	Coban	8/91/11	0.010	0.007								0.007	
Calliandra calothyrsus	Guatemala	Coban	8/91/12	0.022	0.019								0.019	
Calliandra calothyrsus	Guatemala	Coban	8/91/13	0.010	0.007								0.007	
Calliandra calothyrsus	Guatemala	Coban	8/91/14	0.011	0.008								0.008	
Calliandra calothyrsus	Guatemala	Coban	8/91/15	0.002										
Calliandra calothyrsus	Guatemala	Coban	8/91/16	0.001										
Calliandra calothyrsus	Guatemala	Coban	8/91/17	0.002										
Calliandra calothyrsus	Guatemala	Coban	8/91/18	0.001										
Calliandra calothyrsus	Guatemala	Coban	8/91/19	0.003										
Calliandra calothyrsus	Guatemala	Coban	8/91/20	0.058	0.055								0.055	
Calliandra calothyrsus	Guatemala	Flores	10/91	3.758		20	1996	18000	85					
Calliandra calothyrsus	Guatemala	Flores	10/91/01	0.011	0.003						0.003			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/02	0.005										
Calliandra calothyrsus	Guatemala	Flores	10/91/03	0.003										
Calliandra calothyrsus	Guatemala	Flores	10/91/04	0.007										

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Flores	10/91/05	0.022	0.014						0.014			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/06	0.005										
Calliandra calothyrsus	Guatemala	Flores	10/91/07	0.012	0.004						0.004			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/08	0.007										
Calliandra calothyrsus	Guatemala	Flores	10/91/09	0.008										
Calliandra calothyrsus	Guatemala	Flores	10/91/10	0.010	0.002						0.002			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/11	0.005										
Calliandra calothyrsus	Guatemala	Flores	10/91/12	0.009	0.001						0.001			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/13	0.018	0.010						0.01			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/14	0.007										
Calliandra calothyrsus	Guatemala	Flores	10/91/15	0.015	0.007						0.007			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/16	0.007										
Calliandra calothyrsus	Guatemala	Flores	10/91/17	0.010	0.002						0.002			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/18	0.018	0.010						0.01			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	10/91/19	0.007										
Calliandra calothyrsus	Guatemala	Flores	10/91/20	0.021	0.013						0.013			Bulk into 10/91
Calliandra calothyrsus	Guatemala	Flores	16/96	0.267		25	1996	20000	95					
Calliandra calothyrsus	Guatemala	Flores	16/96/01	0.011	0.011						0.011			
Calliandra calothyrsus	Guatemala	Flores	16/96/02	0.024	0.024						0.024			
Calliandra calothyrsus	Guatemala	Flores	16/96/03	0.010	0.010						0.01			
Calliandra calothyrsus	Guatemala	Flores	16/96/04	0.025	0.025						0.025			
Calliandra calothyrsus	Guatemala	Flores	16/96/05	0.026	0.026						0.026			
Calliandra calothyrsus	Guatemala	Flores	16/96/06	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Flores	16/96/07	0.015	0.015						0.015			
Calliandra calothyrsus	Guatemala	Flores	16/96/08	0.027	0.027						0.027			
Calliandra calothyrsus	Guatemala	Flores	16/96/09	0.034	0.034						0.034			
Calliandra calothyrsus	Guatemala	Flores	16/96/10	0.022	0.022						0.022			
Calliandra calothyrsus	Guatemala	Flores	16/96/11	0.022	0.022						0.022			
Calliandra calothyrsus	Guatemala	Flores	16/96/12	0.014	0.014						0.014			
Calliandra calothyrsus	Guatemala	Flores	16/96/13	0.020	0.020						0.02			
Calliandra calothyrsus	Guatemala	Flores	16/96/14	0.018	0.018						0.018			
Calliandra calothyrsus	Guatemala	Flores	16/96/15	0.021	0.021						0.021			
Calliandra calothyrsus	Guatemala	Flores	16/96/16	0.021	0.021						0.021			
Calliandra calothyrsus	Guatemala	Flores	16/96/17	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Flores	16/96/18	0.015	0.015						0.015			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Flores	16/96/19	0.012	0.012						0.012			
Calliandra calothyrsus	Guatemala	Flores	16/96/20	0.012	0.012						0.012			
Calliandra calothyrsus	Guatemala	Flores	16/96/21	0.009	0.009						0.009			
Calliandra calothyrsus	Guatemala	Flores	16/96/22	0.010	0.010						0.01			
Calliandra calothyrsus	Guatemala	Flores	16/96/23	0.015	0.015						0.015			
Calliandra calothyrsus	Guatemala	Flores	16/96/24	0.022	0.022						0.022			
Calliandra calothyrsus	Guatemala	Flores	16/96/25	0.014	0.014						0.014			
Calliandra calothyrsus	Guatemala	Flores	6/97	1.790			1997	18000	93					
Calliandra calothyrsus	Guatemala	Patulul	153/92	1.578			1996	16000	91					
Calliandra calothyrsus	Guatemala	Patulul	52/92	2.930	0.185		1996	16000	90		0.185			
Calliandra calothyrsus	Guatemala	Patulul	9/91	2.490	0.853	20	1996	17000	92	0.012	0.841			
Calliandra calothyrsus	Guatemala	Patulul	9/91/01	0.021										
Calliandra calothyrsus	Guatemala	Patulul	9/91/02	0.035	0.006								0.006	
Calliandra calothyrsus	Guatemala	Patulul	9/91/03	0.061	0.032								0.032	
Calliandra calothyrsus	Guatemala	Patulul	9/91/04	0.016										
Calliandra calothyrsus	Guatemala	Patulul	9/91/05	0.049	0.020								0.02	
Calliandra calothyrsus	Guatemala	Patulul	9/91/06	0.076	0.047								0.047	
Calliandra calothyrsus	Guatemala	Patulul	9/91/07	0.044	0.015								0.015	
Calliandra calothyrsus	Guatemala	Patulul	9/91/08	0.061	0.032								0.032	
Calliandra calothyrsus	Guatemala	Patulul	9/91/09	0.041	0.012								0.012	
Calliandra calothyrsus	Guatemala	Patulul	9/91/10	0.156	0.097								0.097	
Calliandra calothyrsus	Guatemala	Patulul	9/91/11	0.051	0.022								0.022	
Calliandra calothyrsus	Guatemala	Patulul	9/91/12	0.026										
Calliandra calothyrsus	Guatemala	Patulul	9/91/13	0.001										
Calliandra calothyrsus	Guatemala	Patulul	9/91/14	0.003										
Calliandra calothyrsus	Guatemala	Patulul	9/91/15	0.023										
Calliandra calothyrsus	Guatemala	Patulul	9/91/16	0.017										
Calliandra calothyrsus	Guatemala	Patulul	9/91/17	0.060	0.031								0.031	
Calliandra calothyrsus	Guatemala	Patulul	9/91/18	0.022										
Calliandra calothyrsus	Guatemala	Patulul	9/91/19	0.055	0.026								0.026	
Calliandra calothyrsus	Guatemala	Patulul	9/91/20	0.194	0.165								0.165	
Calliandra calothyrsus	Guatemala	Patulul	34/93			20								
Calliandra calothyrsus	Guatemala	Patulul	34/93/01	0.058	0.020						0.02			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/02	0.113	0.075						0.075			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/03	0.010	0.002						0.002			Bulk into 34/93

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Patulul	34/93/04	0.078	0.070						0.07			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/05	0.024	0.016						0.016			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/06	0.018	0.010						0.01			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/07	0.065	0.057						0.057			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/08	0.041	0.033						0.033			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/09	0.036	0.028						0.028			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/10	0.029	0.021						0.021			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/11	0.033	0.025						0.025			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/12	0.016	0.008						0.008			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/13	0.034	0.026						0.026			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/14	0.088	0.080						0.08			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/15	0.007										
Calliandra calothyrsus	Guatemala	Patulul	34/93/16	0.050	0.042						0.042			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/17	0.071	0.063						0.063			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/18	0.043	0.035						0.035			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/19	0.044	0.036						0.036			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	34/93/20	0.013	0.005						0.005			Bulk into 34/93
Calliandra calothyrsus	Guatemala	Patulul	7/95	0.330	0.283	31	1995	16000	100		0.283			
Calliandra calothyrsus	Guatemala	Patulul	7/95/01	0.008	0.008						0.008			
Calliandra calothyrsus	Guatemala	Patulul	7/95/02	0.046	0.046						0.046			
Calliandra calothyrsus	Guatemala	Patulul	7/95/03	0.088	0.088						0.088			
Calliandra calothyrsus	Guatemala	Patulul	7/95/04	0.005	0.005						0.005			
Calliandra calothyrsus	Guatemala	Patulul	7/95/05	0.048	0.048						0.048			
Calliandra calothyrsus	Guatemala	Patulul	7/95/06	0.008	0.008						0.008			
Calliandra calothyrsus	Guatemala	Patulul	7/95/07	0.022	0.022						0.022			
Calliandra calothyrsus	Guatemala	Patulul	7/95/08	0.007	0.007						0.007			
Calliandra calothyrsus	Guatemala	Patulul	7/95/09	0.019	0.019						0.019			
Calliandra calothyrsus	Guatemala	Patulul	7/95/10	0.007	0.007						0.007			
Calliandra calothyrsus	Guatemala	Patulul	7/95/11	0.024	0.024						0.024			
Calliandra calothyrsus	Guatemala	Patulul	7/95/12	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Patulul	7/95/13	0.015	0.015						0.015			
Calliandra calothyrsus	Guatemala	Patulul	7/95/14	0.034	0.034						0.034			
Calliandra calothyrsus	Guatemala	Patulul	7/95/15	0.026	0.026						0.026			
Calliandra calothyrsus	Guatemala	Patulul	7/95/16	0.019	0.019						0.019			
Calliandra calothyrsus	Guatemala	Patulul	7/95/17	0.033	0.033						0.033			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Patulul	7/95/18	0.034	0.034						0.034			
Calliandra calothyrsus	Guatemala	Patulul	7/95/19	0.010	0.010						0.01			
Calliandra calothyrsus	Guatemala	Patulul	7/95/20	0.029	0.029						0.029			
Calliandra calothyrsus	Guatemala	Patulul	7/95/21	0.015	0.015						0.015			
Calliandra calothyrsus	Guatemala	Patulul	7/95/22	0.031	0.031						0.031			
Calliandra calothyrsus	Guatemala	Patulul	7/95/23	0.036	0.036						0.036			
Calliandra calothyrsus	Guatemala	Patulul	7/95/24	0.058	0.058						0.058			
Calliandra calothyrsus	Guatemala	Patulul	7/95/25	0.042	0.042						0.042			
Calliandra calothyrsus	Guatemala	Patulul	7/95/26	0.031	0.031						0.031			
Calliandra calothyrsus	Guatemala	Patulul	7/95/27	0.077	0.077						0.077			
Calliandra calothyrsus	Guatemala	Patulul	7/95/28	0.023	0.023						0.023			
Calliandra calothyrsus	Guatemala	Patulul	7/95/29	0.022	0.022						0.022			
Calliandra calothyrsus	Guatemala	Patulul	7/95/30	0.025	0.025						0.025			
Calliandra calothyrsus	Guatemala	Patulul	7/95/31	0.026	0.026						0.026			
Calliandra calothyrsus	Guatemala	Patulul	4/97	2.030	1.410						1.41			
Calliandra calothyrsus	Guatemala	Sanarate	13/83	0.152			1984	15000						
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	53/92	3.230	0.110		1994	16000	82	0.013	0.097			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93	0.717	0.036	22	1993	14000	73				0.036	
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/01	0.021										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/02	0.013										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/03	0.008										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/04	0.081	0.054						0.054			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/05	0.017										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/06	0.062	0.035						0.035			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/07	0.047	0.020						0.02			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/08	0.065	0.038						0.038			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/09	0.020										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/10	0.027										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/11	0.056	0.029						0.029			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/12	0.024										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/13	0.099	0.072						0.072			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/14	0.047	0.020						0.02			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/15	0.049	0.022						0.022			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/16	0.061	0.034						0.034			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/17	0.133	0.106						0.106			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/18	0.177	0.150						0.15			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/19	0.027										
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/20	0.054	0.027						0.027			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/21	0.059	0.032						0.032			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	33/93/22	0.037	0.010						0.01			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95	0.172	0.086	30	1995	17000	88		0.086			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/01	0.012	0.012						0.012			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/02	0.006	0.006						0.006			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/03	0.013	0.013						0.013			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/04	0.019	0.019						0.019			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/05	0.023	0.023						0.023			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/06	0.009	0.009						0.009			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/07	0.016	0.016						0.016			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/08	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/09	0.029	0.029						0.029			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/10	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/11	0.029	0.029						0.029			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/12	0.020	0.020						0.02			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/13	0.014	0.014						0.014			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/14	0.032	0.032						0.032			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/15	0.023	0.023						0.023			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/16	0.021	0.021						0.021			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/17	0.026	0.026						0.026			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/18	0.028	0.028						0.028			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/19	0.013	0.013						0.013			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/20	0.033	0.033						0.033			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/21	0.017	0.017						0.017			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/22	0.013	0.013						0.013			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/23	0.035	0.035						0.035			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/24	0.020	0.020						0.02			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/25	0.015	0.015						0.015			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/26	0.009	0.009						0.009			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/27	0.008	0.008						0.008			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/28	0.028	0.028						0.028			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/29	0.013	0.013						0.013			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	9/95/30	0.067	0.067						0.067			
Calliandra calothyrsus	Guatemala	Santa Maria de Jesus	7/97	2.940	2.684		1997	17000	91		2.684			
Calliandra calothyrsus	Guatemala	Suchitepequez	9/89	4.986			1996	16000	87					
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95	0.859	0.338	32	1995	28000	83	0.008	0.33			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/01											
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/02(D)	0.004	0.004						0.004			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/02(E)	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/03											
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/04											
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/05(A)	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/06(E)	0.006	0.006						0.006			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/07(A)	0.006	0.006						0.006			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/08(A)	0.004	0.004						0.004			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/09(A)	0.016	0.016						0.016			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/09(E)	0.013	0.013						0.013			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/10											
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/11(A)	0.010	0.010						0.01			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/12(D)	0.006	0.006						0.006			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/13(E)	0.018	0.018						0.018			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/14(E)	0.039	0.039						0.039			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/15(E)	0.032	0.032						0.032			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/16(A)	0.005	0.005						0.005			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/16(D)	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/17(A)	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/18(D)	0.012	0.012						0.012			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/18(E)	0.025	0.025						0.025			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/19(A)	0.005	0.005						0.005			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/19(E)	0.020	0.020						0.02			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/20(A)	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/21(D)	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/21(E)	0.017	0.017						0.017			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/22(A)	0.005	0.005						0.005			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/22(E)	0.020	0.020						0.02			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/23(E)	0.012	0.012						0.012			
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/24											

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Honduras	Bonito Oriental	8/95/25(D)	0.005	0.005						0.005			
Calliandra calothyrsus	Honduras	Chamelecon	10/89	0.142	0.064					0.015			0.049	
Calliandra calothyrsus	Honduras	Cofradia	14/91	0.337	0.023		1991	21000		0.01			0.013	
Calliandra calothyrsus	Honduras	Copan	23/91	0.202	0.021		1991	22000		0.01			0.011	
Calliandra calothyrsus	Honduras	Gualaco	48/93	0.126	0.010					0.01				
Calliandra calothyrsus	Honduras	La Ceiba	12/91	2.320	0.080	20	1991	20000		0.01			0.07	
Calliandra calothyrsus	Honduras	La Ceiba	12/91/01	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/02	0.003	0.003						0.003			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/03	0.012										
Calliandra calothyrsus	Honduras	La Ceiba	12/91/04	0.029	0.014						0.014			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/05	0.022	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/06	0.039	0.024						0.024			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/07	0.014										
Calliandra calothyrsus	Honduras	La Ceiba	12/91/08	0.037	0.022						0.022			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/09	0.057	0.042						0.042			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/10	0.035	0.020						0.02			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/11	0.027	0.012						0.012			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/12	0.022	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/13	0.055	0.040						0.04			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/14	0.028	0.013						0.013			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/15	0.172	0.157						0.157			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/16	0.078	0.063						0.063			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/17	0.014										
Calliandra calothyrsus	Honduras	La Ceiba	12/91/18	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/19	0.104	0.089						0.089			
Calliandra calothyrsus	Honduras	La Ceiba	12/91/20	0.093	0.078						0.078			
Calliandra calothyrsus	Honduras	La Ceiba	17/91	0.400	0.041		1991	21000			0.041			
Calliandra calothyrsus	Honduras	La Ceiba	73/93	1.968	0.224		1996	19000	77		0.224			
Calliandra calothyrsus	Honduras	La Ceiba	15/95			41								
Calliandra calothyrsus	Honduras	La Ceiba	15/95/01C	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/01D	0.088	0.088						0.088			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/02C	0.012	0.012						0.012			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/02D	0.012	0.012						0.012			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/03C	0.090	0.090						0.090			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/03D	0.016	0.016						0.016			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Honduras	La Ceiba	15/95/04C	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/04D	0.010	0.010						0.010			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/05C	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/05D	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/06C	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/06D	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/07C	0.021	0.021						0.021			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/07D	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/08C	0.005	0.005						0.005			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/09C	0.013	0.013						0.013			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/10C	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/11C	0.010	0.010						0.010			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/12C	0.032	0.032						0.032			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/13C	0.018	0.018						0.018			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/14C	0.015	0.015						0.015			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/15C	0.010	0.010						0.010			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/16C	0.023	0.023						0.023			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/17C	0.012	0.012						0.012			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/18C	0.006	0.006						0.006			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/19C	0.023	0.023						0.023			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/20C	0.011	0.011						0.011			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/21C	0.093	0.093						0.093			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/22C	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/23C	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/24C	0.024	0.024						0.024			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/25C	0.020	0.020						0.020			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/26C	0.017	0.017						0.017			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/27C	0.011	0.011						0.011			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/28C	0.025	0.025						0.025			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/29C	0.080	0.080						0.080			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/30C	0.127	0.127						0.127			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/31C	0.009	0.009						0.009			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/32C	0.007	0.007						0.007			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/33C	0.008	0.008						0.008			
Calliandra calothyrsus	Honduras	La Ceiba	15/95/34C	0.008	0.008						0.008			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Honduras	La Ceiba	15/96	2.235	0.570		1996	22000	97		0.57			
Calliandra calothyrsus	Honduras	Lago Yojoa	46/93	0.039	0.014					0.014				
Calliandra calothyrsus	Honduras	Las Flores	75/93	0.014	0.014					0.014				
Calliandra calothyrsus	Honduras	Meambar	11/89	0.243										
Calliandra calothyrsus	Honduras	Meambar	23/84		0.011			19500	63	0.011				
Calliandra calothyrsus	Honduras	Nuevo Ocotepeque	51/93	0.025	0.022					0.022				
Calliandra calothyrsus	Honduras	San Esteban	47/93	0.409										
Calliandra calothyrsus	Honduras	Santa Maria	13/91	0.109		12	1991	23000						
Calliandra calothyrsus	Honduras	Santa Maria	13/91/01	0.001										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/02	0.006										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/03	0.002										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/04	0.008										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/05		0.001								0.001	
Calliandra calothyrsus	Honduras	Santa Maria	13/91/06	0.001	0.014								0.014	
Calliandra calothyrsus	Honduras	Santa Maria	13/91/07	0.003										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/08	0.001										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/09	0.007										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/10		0.001								0.001	
Calliandra calothyrsus	Honduras	Santa Maria	13/91/11	0.010										
Calliandra calothyrsus	Honduras	Santa Maria	13/91/12	0.002	0.024								0.024	
Calliandra calothyrsus	Honduras	Tegucigalpa	76/93	0.010	0.010					0.01				
Calliandra calothyrsus	Honduras	Tegucigalpa	50/93	0.018	0.018								0.018	
Calliandra calothyrsus	Honduras	Trujillo	15/91	0.157	0.040		1991						0.04	
Calliandra calothyrsus	Honduras	Trujillo	49/93	0.076	0.011					0.011				
Calliandra calothyrsus	Indonesia	Bandung	148/91	1.575	0.078		1994	5700	24	0.036	0.042			
Calliandra calothyrsus	Indonesia	Kupang	20/89	0.015	0.015					0.015				
Calliandra calothyrsus	Indonesia	Madiun	147/91	5.060	0.229		1994	5800	20	0.038	0.191			
Calliandra calothyrsus	Kenya	Embu	13/95	0.109										
Calliandra calothyrsus	Kenya	Embu	3/99	4.685	4.685						4.685			
Calliandra calothyrsus	Kenya	San Ramon	1/99	2.000										
Calliandra calothyrsus	Mexico	Apic Apac	60/92	0.341	0.031					0.015			0.016	
Calliandra calothyrsus	Mexico	Bombana	61/92	1.864	0.223					0.012	0.211			
Calliandra calothyrsus	Mexico	Bombana	31/93	0.326	0.002	20	1993	19000	82				0.002	
Calliandra calothyrsus	Mexico	Bombana	31/93/01	0.024	0.021						0.021			
Calliandra calothyrsus	Mexico	Bombana	31/93/02	0.027	0.024						0.024			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Mexico	Bombana	31/93/03	0.011	0.008						0.008			
Calliandra calothyrsus	Mexico	Bombana	31/93/04	0.044	0.041						0.041			
Calliandra calothyrsus	Mexico	Bombana	31/93/05	0.011	0.008						0.008			
Calliandra calothyrsus	Mexico	Bombana	31/93/06	0.030	0.027						0.027			
Calliandra calothyrsus	Mexico	Bombana	31/93/07	0.022	0.019						0.019			
Calliandra calothyrsus	Mexico	Bombana	31/93/08	0.044	0.041						0.041			
Calliandra calothyrsus	Mexico	Bombana	31/93/09	0.018	0.015						0.015			
Calliandra calothyrsus	Mexico	Bombana	31/93/10	0.059	0.056						0.056			
Calliandra calothyrsus	Mexico	Bombana	31/93/11	0.032	0.029						0.029			
Calliandra calothyrsus	Mexico	Bombana	31/93/12	0.012	0.009						0.009			
Calliandra calothyrsus	Mexico	Bombana	31/93/13	0.042	0.039						0.039			
Calliandra calothyrsus	Mexico	Bombana	31/93/14	0.023	0.020						0.02			
Calliandra calothyrsus	Mexico	Bombana	31/93/15	0.040	0.037						0.037			
Calliandra calothyrsus	Mexico	Bombana	31/93/16	0.072	0.069						0.069			
Calliandra calothyrsus	Mexico	Bombana	31/93/17	0.031	0.028						0.028			
Calliandra calothyrsus	Mexico	Bombana	31/93/18	0.025	0.022						0.022			
Calliandra calothyrsus	Mexico	Bombana	31/93/19	0.015	0.012						0.012			
Calliandra calothyrsus	Mexico	Bombana	31/93/20	0.017	0.014						0.014			
Calliandra calothyrsus	Mexico	Bonampak	62/92	2.497	0.271		1996	8200	36	0.025	0.246			
Calliandra calothyrsus	Mexico	Chilon	49/92	0.893	0.149		1994	11000	52				0.149	
Calliandra calothyrsus	Mexico	Chilon	37/93	0.447	0.152		1993	13000	51	0.016			0.136	
Calliandra calothyrsus	Mexico	El Bosque	151/92	0.136	0.016					0.016				
Calliandra calothyrsus	Mexico	Ixtapa	40/92	0.698	0.097		1994	13000	67	0.016			0.081	
Calliandra calothyrsus	Mexico	Ocosingo	36/93	0.346	0.054		1993	15000	75	0.014			0.04	
Calliandra calothyrsus	Mexico	Plan del Rio	44/92	0.541	0.007		1995	18000	86	0.007				
Calliandra calothyrsus	Mexico	Union Juarez	50/92	1.349	0.056		1994	18000	73	0.012	0.044			
Calliandra calothyrsus	Mexico	Vado Ancho	43/92	0.376	0.058		1994	15000	67	0.014			0.044	
Calliandra calothyrsus	Mexico	Zihuatenejo	64/92	0.320	0.069		1992	33000	91	0.069				
Calliandra calothyrsus	Nicaragua	La Puerta	134/91	1.001	0.098		1994	14000	50	0.015	0.083			
Calliandra calothyrsus	Nicaragua	La Puerta	109/94	0.782	0.019	11	1995	13000	48				0.019	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/01	0.014	0.011								0.011	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/02	0.004	0.001								0.001	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/03	0.004	0.001								0.001	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/04	0.011	0.008								0.008	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/05	0.004	0.001								0.001	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/06	0.007	0.004								0.004	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/07	0.006	0.003								0.003	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/08	0.002										
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/09	0.007	0.004								0.004	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/10	0.021	0.018								0.018	
Calliandra calothyrsus	Nicaragua	La Puerta	109/94/11	0.080	0.077								0.077	
Calliandra calothyrsus	Nicaragua	La Puerta	1/97	0.960	0.030	22					0.03			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/01	0.017	0.017						0.017			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/02	0.013	0.013						0.013			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/03	0.006	0.006						0.006			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/04	0.009	0.009						0.009			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/05	0.010	0.010						0.01			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/06	0.010	0.010						0.01			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/07	0.023	0.023						0.023			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/08	0.019	0.019						0.019			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/09	0.029	0.029						0.029			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/10	0.011	0.011						0.011			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/11	0.011	0.011						0.011			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/12	0.009	0.009						0.009			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/13	0.011	0.011						0.011			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/14	0.004	0.004						0.004			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/15	0.006	0.006						0.006			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/16	0.008	0.008						0.008			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/17	0.010	0.010						0.01			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/18	0.009	0.009						0.009			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/19	0.013	0.013						0.013			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/20	0.018	0.018						0.018			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/21	0.010	0.010						0.01			
Calliandra calothyrsus	Nicaragua	La Puerta	1/97/22	0.007	0.007						0.007			
Calliandra calothyrsus	Nicaragua	San Ramon	11/91	4.082		9	1996	21000	76					
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/01	0.005	0.005								0.005	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/02	0.011	0.011								0.011	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/03	0.001	0.001								0.001	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/04	0.016	0.016								0.016	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/05	0.029	0.029								0.029	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/06	0.009	0.009								0.009	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/07	0.009	0.009								0.009	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/08	0.001	0.007								0.007	
Calliandra calothyrsus	Nicaragua	San Ramon	11/91/09	0.004	0.004								0.004	
Calliandra calothyrsus	Nicaragua	San Ramon	110/94	0.442	-0.002	14	1995	23000	82					
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/01	0.006	0.003						0.003			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/02	0.005	0.002						0.002			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/03	0.010	0.007						0.007			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/04	0.004	0.001						0.001			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/05	0.008	0.005						0.005			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/06	0.006	0.003						0.003			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/07	0.002										
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/08	0.004	0.015						0.015			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/09	0.011	0.008						0.008			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/10	0.006	0.003						0.003			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/11	0.005	0.002						0.002			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/12	0.011	0.008						0.008			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/13	0.045	0.035						0.035			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	110/94/14	0.068	0.068						0.068			Bulk into 110/94
Calliandra calothyrsus	Nicaragua	San Ramon	3/97	0.935			1997	18000	98					seedlot sent out as part of SIAN 2504, which was appare
Calliandra calothyrsus	Nicaragua	San Ramon	1/98	0.053										
Calliandra calothyrsus	Panama	Boquete	62/93	0.317	0.040		1993	17000		0.012	0.028			
Calliandra calothyrsus	Panama	Cangandi	63/93	0.300	0.010		1993		67	0.01				
Calliandra calothyrsus	Panama	El Volcan	61/93	0.017	0.007					0.007				
Calliandra grandiflora	Guatemala	Chimaltenango	64/93	0.112			1993	15000						
Calliandra grandiflora	Guatemala	Chiquimula	65/93	0.007										
Calliandra grandiflora	Honduras	La Esperanta	52/93	0.019	0.004					0.004				
Calliandra grandiflora	Mexico	Jitotil	42/93	0.021	0.006					0.006				
Calliandra grandiflora	Mexico	Las Joyas	37/92	0.005										
Calliandra grandiflora	Mexico	SANTA MARIA DEL C	41/93	0.002										
Calliandra grandiflora	Mexico	Yahuitlan	39/92	0.162	0.003		1992	13000	93			0.003		Alice Holt Ref Coll
Calliandra houstoniana	Mexico	CHICOASEN	40/93	0.005	0.005					0.005				
Calliandra houstoniana	Mexico	La Esmeraldo	38/93	0.237	0.044		1993	15000	95	0.014			0.03	
Calliandra houstoniana	Mexico	Minatitlan	57/92	1.189	0.550		1996	15000	96	0.014			0.536	
Calliandra houstoniana	Mexico	Palenque	58/92	0.408	0.044		1992	11000	69	0.019		0.025		Alice Holt Ref Coll

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra houstoniana	Mexico	Palenque	39/93			20								
Calliandra houstoniana	Mexico	Palenque	39/93/01	0.007	0.007						0.007			
Calliandra houstoniana	Mexico	Palenque	39/93/02	0.006	0.006						0.006			
Calliandra houstoniana	Mexico	Palenque	39/93/03	0.018	0.018						0.018			
Calliandra houstoniana	Mexico	Palenque	39/93/04	0.005	0.005						0.005			
Calliandra houstoniana	Mexico	Palenque	39/93/05	0.003	0.003						0.003			
Calliandra houstoniana	Mexico	Palenque	39/93/06	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	39/93/07	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	39/93/08	0.011	0.011						0.011			
Calliandra houstoniana	Mexico	Palenque	39/93/09	0.003	0.003						0.003			
Calliandra houstoniana	Mexico	Palenque	39/93/10	0.004	0.004						0.004			
Calliandra houstoniana	Mexico	Palenque	39/93/11	0.007	0.007						0.007			
Calliandra houstoniana	Mexico	Palenque	39/93/12	0.005	0.005						0.005			
Calliandra houstoniana	Mexico	Palenque	39/93/13	0.004	0.004						0.004			
Calliandra houstoniana	Mexico	Palenque	39/93/14	0.004	0.004						0.004			
Calliandra houstoniana	Mexico	Palenque	39/93/15	0.011	0.011						0.011			
Calliandra houstoniana	Mexico	Palenque	39/93/16	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	39/93/17	0.005	0.005						0.005			
Calliandra houstoniana	Mexico	Palenque	39/93/18	0.014	0.014						0.014			
Calliandra houstoniana	Mexico	Palenque	39/93/19	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	39/93/20	0.006	0.006						0.006			
Calliandra houstoniana	Mexico	Palenque	16/95			41								
Calliandra houstoniana	Mexico	Palenque	16/95/01	0.013	0.013						0.013			If C. houstoniana is of ? little or no interest to ICRAF then
Calliandra houstoniana	Mexico	Palenque	16/95/02	0.004	0.004						0.004			
Calliandra houstoniana	Mexico	Palenque	16/95/03	0.028	0.028						0.028			
Calliandra houstoniana	Mexico	Palenque	16/95/04	0.065	0.065						0.065			
Calliandra houstoniana	Mexico	Palenque	16/95/05											
Calliandra houstoniana	Mexico	Palenque	16/95/06	0.016	0.016						0.016			
Calliandra houstoniana	Mexico	Palenque	16/95/07	0.048	0.048						0.048			
Calliandra houstoniana	Mexico	Palenque	16/95/08	0.020	0.020						0.02			
Calliandra houstoniana	Mexico	Palenque	16/95/09	0.063	0.063						0.063			
Calliandra houstoniana	Mexico	Palenque	16/95/10	0.011	0.011						0.011			
Calliandra houstoniana	Mexico	Palenque	16/95/11	0.071	0.071						0.071			
Calliandra houstoniana	Mexico	Palenque	16/95/12	0.011	0.011						0.011			
Calliandra houstoniana	Mexico	Palenque	16/95/13	0.007	0.007						0.007			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra houstoniana	Mexico	Palenque	16/95/14	0.010	0.010						0.01			
Calliandra houstoniana	Mexico	Palenque	16/95/15	0.088	0.088						0.088			
Calliandra houstoniana	Mexico	Palenque	16/95/16	0.026	0.026						0.026			
Calliandra houstoniana	Mexico	Palenque	16/95/17	0.022	0.022						0.022			
Calliandra houstoniana	Mexico	Palenque	16/95/18	0.057	0.057						0.057			
Calliandra houstoniana	Mexico	Palenque	16/95/19	0.035	0.035						0.035			
Calliandra houstoniana	Mexico	Palenque	16/95/20	0.026	0.026						0.026			
Calliandra houstoniana	Mexico	Palenque	16/95/21	0.040	0.040						0.04			
Calliandra houstoniana	Mexico	Palenque	16/95/22											
Calliandra houstoniana	Mexico	Palenque	16/95/23	0.027	0.027						0.027			
Calliandra houstoniana	Mexico	Palenque	16/95/24	0.006	0.006						0.006			
Calliandra houstoniana	Mexico	Palenque	16/95/25	0.024	0.024						0.024			
Calliandra houstoniana	Mexico	Palenque	16/95/26	0.059	0.059						0.059			
Calliandra houstoniana	Mexico	Palenque	16/95/27a	0.060	0.060						0.06			
Calliandra houstoniana	Mexico	Palenque	16/95/27b	0.011	0.011						0.011			
Calliandra houstoniana	Mexico	Palenque	16/95/28	0.060	0.060						0.06			
Calliandra houstoniana	Mexico	Palenque	16/95/29	0.007	0.007						0.007			
Calliandra houstoniana	Mexico	Palenque	16/95/30	0.016	0.016						0.016			
Calliandra houstoniana	Mexico	Palenque	16/95/31	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	16/95/32	0.068	0.068						0.068			
Calliandra houstoniana	Mexico	Palenque	16/95/33	0.018	0.018						0.018			
Calliandra houstoniana	Mexico	Palenque	16/95/34	0.079	0.079						0.079			
Calliandra houstoniana	Mexico	Palenque	16/95/35	0.056	0.056						0.056			
Calliandra houstoniana	Mexico	Palenque	16/95/36	0.007	0.007						0.007			
Calliandra houstoniana	Mexico	Palenque	16/95/37	0.008	0.008						0.008			
Calliandra houstoniana	Mexico	Palenque	16/95/38	0.007	0.007						0.007			
Calliandra houstoniana	Mexico	Palenque	16/95/39	0.006	0.006						0.006			
Calliandra houstoniana	Mexico	Palenque	16/95/40	0.022	0.022						0.022			
Calliandra houstoniana	Mexico	Rio Hondo	38/92	0.107	0.024		1992	23000	82	0.01			0.014	
Calliandra houstoniana	Mexico	Tuxtepec	59/92	1.700	0.997		1996	17000	95	0.012		0.12	0.865	Kew - longterm storage
Calliandra juzepczukii	Mexico	Cintalapa	55/92	0.318	0.010		1992	22000	69	0.01				
Calliandra juzepczukii	Mexico	Pijjapan	54/92	0.228	0.058		1992	18000	87	0.012			0.046	
Calliandra juzepczukii	Mexico	Pochutla	150/92	0.006	0.006							0.006		Alice Holt Ref Coll
Calliandra juzepczukii	Mexico	Pochutla	56/92	0.035	0.012					0.012				
Calliandra longepedicella	Mexico	Las Joyas	44/93	0.247	0.015		1993	21000	81	0.01		0.005		Alice Holt Ref Coll

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	ICRAF	OTHER	BIN	NOTES
Calliandra palmeri	Mexico	Cocula	36/92	0.046										
Calliandra physocalyx	Mexico	Putla de Guerrero	42/92	0.151	0.004		1992	23000	58	0.004				
Calliandra physocalyx	Mexico	Putla de Guerrero	43/93	0.070	0.005					0.005				
Calliandra spp.	Honduras	Comayagua	74/93	0.116	0.111		1995	8400	92	0.024			0.087	
Calliandra spp.	Mexico	Acahuitzotla	152/92	0.113	0.107		1994	4500	75	0.045			0.062	
Calliandra spp.	Mexico	Canti San Blas	72/93	0.001	0.018					0.018				
Calliandra spp.	Mexico	Las Joyas	45/93	0.001	0.003					0.003				
Calliandra spp.	Panama	El Llano	71/93	0.001	0.015					0.015				
Zapoteca spp.	Mexico	26 de Julio	155/92	0.032	0.032					0.032				
Zapoteca spp.	Mexico	Chapalahuacan	103/92	0.031	0.031					0.031				
Zapoteca tetragona	Costa Rica	San Isidro del Genera	69/93	0.060	0.050					0.01			0.04	
Zapoteca tetragona	Guatemala	Barillas	68/93	0.170	0.086		1993	28000		0.008			0.078	
Zapoteca tetragona	Guatemala	Patulul	66/93	0.123	0.060		1993	35000		0.006			0.054	
Zapoteca tetragona	Guatemala	Santa Maria de Jesus	67/93	0.227	0.094		1993	28000		0.008			0.086	
Zapoteca tetragona	Indonesia	Kupang	21/89	0.033	0.033					0.01			0.023	
Zapoteca tetragona	Mexico	Ejido Absalom	156/92	0.272	0.162					0.008		0.154		Kew - longterm storage
								total weight, kg		1.1	34.2	0.3	4.0	
								no seedlots		88	392	8	98	

Distribution of Parkinsonia and associated species seedlots													
SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
SN = Seed Number - used for small seedlots, where SN column has *, indicates that instead of a weight in the weight column, the number in that column is the number of seeds													
Cercidium -x sonorae	Mexico	Carbo	34B/94	0.006	0.006						0.006		
Cercidium -x sonorae	Mexico	Carbo	33B/94	0.006	0.006	*					0.006		
Cercidium -x sonorae	Mexico	Hwy to San Javier	33A/94		0.001	*					0.001		
Cercidium floridum floridum	USA	Unknown	121/94		0.072	*					0.072		
Cercidium floridum floridum	USA	Unknown	122/94	0.161	0.161	*					0.161		
Cercidium floridum floridum	USA	Unknown	123/94	0.175	0.175	*					0.175		
Cercidium floridum peninsulare	Mexico	La Paz	36/94	0.008	0.001						0.001		
Cercidium macrum	Mexico	CCiudad Victoria/Linares	37C/94	0.005	0.004						0.004		
Cercidium macrum	Mexico	Dr. Gonzalez	37A/94	0.004	0.004						0.004		
Cercidium macrum	Mexico	Dr. Gonzalez	37B/94	0.006	0.030						0.03		
Cercidium microphyllum	USA	Unknown	125/94	0.155	0.155	*					0.155		
Cercidium peninsulare	Mexico	Guaymas	108/92	0.088	0.038						0.038		
Cercidium praecox	Mexico	Hwy Guaymas to Hermis	114/93				2						
Cercidium praecox	Mexico	Hwy Guaymas to Hermis	114/93/01	0.001	0.003						0.003		
Cercidium praecox	Mexico	Hwy Guaymas to Hermis	114/93/02	0.001	0.001						0.001		
Cercidium praecox	Mexico	Hwy Huatuapan to Izuca	112/93				3						
Cercidium praecox	Mexico	Hwy Huatuapan to Izuca	112/93/01	0.002	0.042						0.042		
Cercidium praecox	Mexico	Hwy Huatuapan to Izuca	112/93/02	0.001	0.032						0.032		
Cercidium praecox	Mexico	Hwy Huatuapan to Izuca	112/93/03	0.001	0.029						0.029		
Cercidium praecox	Mexico	Ixtepec	28/89	0.033	0.020						0.02		
Cercidium praecox	Mexico	Rio Florido	113/93	0.002	0.002						0.002		
Cercidium praecox	Mexico	Santo Domingo	111/93				2						
Cercidium praecox	Mexico	Santo Domingo	111/93/01	0.005	0.005						0.005		
Cercidium praecox	Mexico	Santo Domingo	111/93/02	0.009	0.009						0.009		
Cercidium praecox	Mexico	Tacupa	110/93				3						
Cercidium praecox	Mexico	Tacupa	110/93/01	0.001	0.001						0.001		
Cercidium praecox	Mexico	Tacupa	110/93/02	0.003	0.003						0.003		
Cercidium praecox	Mexico	Tacupa	110/93/03	0.001	0.001						0.001		
Cercidium praecox	Mexico	Tololapan	145/92	0.020	0.015						0.015		
Cercidium praecox	USA	Unknown	126/94	0.025	0.025	*					0.025		
Parkinsonia aculeata	Australia	Kununurra	128/94				4						
Parkinsonia aculeata	Australia	Kununurra	128/94/01	0.015	0.015						0.015		
Parkinsonia aculeata	Australia	Kununurra	128/94/02	0.012	0.012						0.012		
Parkinsonia aculeata	Australia	Kununurra	128/94/03	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Australia	Kununurra	128/94/04	0.048	0.048						0.015	0.033	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Costa Rica	Nicoya	10/84		0.294			1984	10200		0.015	0.279	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93				48						
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/1	0.024	0.024						0.015	0.009	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/2	0.015	0.015						0.015		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/3	0.004	0.004						0.004		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/4	0.006	0.006						0.006		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/5	0.003	0.003						0.003		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/6	0.012	0.012						0.012		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/7	0.009	0.009						0.009		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/8	0.012	0.012						0.012		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/9	0.003	0.003						0.003		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/10	0.006	0.006						0.006		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/11	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/12	0.026	0.026						0.015	0.011	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/13	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/14	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/15	0.041	0.041						0.015	0.026	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/16	0.035	0.035						0.015	0.02	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/17	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/18	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/19	0.041	0.041						0.015	0.026	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/20	0.022	0.022						0.015	0.007	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/21	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/22	0.011	0.011						0.011		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/23	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/24	0.031	0.031						0.015	0.016	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/25	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/26	0.012	0.012						0.012		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/27	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/28	0.024	0.024						0.015	0.009	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/29	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/30	0.028	0.028						0.015	0.013	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/31	0.009	0.009						0.009		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/32	0.021	0.021						0.015	0.006	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/33	0.032	0.032						0.015	0.017	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/34	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/35	0.029	0.029						0.015	0.014	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/36	0.026	0.026						0.015	0.011	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/37	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/38	0.019	0.019						0.015	0.004	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/39	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/40	0.022	0.022						0.015	0.007	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/41	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/42	0.005	0.005						0.005		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/43	0.019	0.019						0.015	0.004	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/44	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/45	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/46	0.002	0.002						0.002		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/47	0.010	0.010						0.01		
Parkinsonia aculeata	Costa Rica	Rio Tempisque	77/93/48	0.014	0.014						0.014		
Parkinsonia aculeata	Costa Rica	Tempisque	16/86	13.370	11.426			1986	9200		0.015	11.411	
Parkinsonia aculeata	Cuba	Las Tunas	30/94	0.014	0.013						0.013		
Parkinsonia aculeata	Guatemala	La Fragua	85/93		0.300		48				0.015	0.285	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/01	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/02	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/03	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/04	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/05	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/06	0.026	0.026						0.015	0.011	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/07	0.012	0.012						0.012		
Parkinsonia aculeata	Guatemala	La Fragua	85/93/08	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/09	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/10	0.072	0.072						0.015	0.057	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/11	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/12	0.157	0.157						0.015	0.142	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/13	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/14	0.053	0.053						0.015	0.038	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/15	0.064	0.064						0.015	0.049	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/16	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/17	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/18	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/19	0.030	0.030						0.015	0.015	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/20	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/21	0.051	0.051						0.015	0.036	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Guatemala	La Fragua	85/93/22	0.031	0.031						0.015	0.016	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/23	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/24	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/25	0.108	0.107						0.015	0.092	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/26	0.147	0.147						0.015	0.132	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/27	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/28	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/29	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/30	0.035	0.035						0.015	0.02	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/31	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/32	0.072	0.072						0.015	0.057	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/33	0.039	0.039						0.015	0.024	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/34	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/35	0.071	0.071						0.015	0.056	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/36	0.032	0.032						0.015	0.017	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/37	0.068	0.068						0.015	0.053	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/38	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/39	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/40	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/41	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/42	0.066	0.066						0.015	0.051	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/43	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/44	0.070	0.070						0.015	0.055	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/45	0.059	0.059						0.015	0.044	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/46	0.058	0.058						0.015	0.043	
Parkinsonia aculeata	Guatemala	La Fragua	85/93/47	0.023	0.023						0.015	0.008	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93				43						
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/01	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/02	0.046	0.046						0.015	0.031	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/03	0.056	0.056						0.015	0.041	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/04	0.042	0.042						0.015	0.027	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/05	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/06	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/07	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/08	0.042	0.042						0.015	0.027	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/09	0.033	0.033						0.015	0.018	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/10	0.057	0.057						0.015	0.042	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/11	0.028	0.028						0.015	0.013	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/12	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/13	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/14	0.041	0.041						0.015	0.026	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/15	0.058	0.058						0.015	0.043	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/16	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/17	0.056	0.055						0.015	0.04	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/18	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/19	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/20	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/21	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/22	0.019	0.019						0.015	0.004	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/23	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/24	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/25	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/26	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/27	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/28	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/29	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/30	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/31	0.021	0.021						0.015	0.006	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/32	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/33	0.023	0.023						0.015	0.008	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/34	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/35	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/36	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/37	0.046	0.046						0.015	0.031	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/38	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/39	0.015	0.015						0.015		
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/40	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/41	0.021	0.021						0.015	0.006	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/42	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Guatemala	Lago Guija	86/93/43	0.028	0.028						0.015	0.013	
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93				12						
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/01	0.012	0.012						0.012		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/02	0.012	0.012						0.012		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/03	0.006	0.005						0.005		

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/04	0.006	0.006						0.006		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/05	0.006	0.006						0.006		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/06	0.014	0.014						0.014		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/07	0.008	0.008						0.008		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/08	0.001	0.006						0.006		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/09	0.026	0.003						0.003		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/10	0.005	0.005						0.005		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/11	0.003	0.003						0.003		
Parkinsonia aculeata	Kenya	Vicinity of Nakuru	101/93/12	0.003	0.003						0.003		
Parkinsonia aculeata	Mexico	Gomez Palacio	29/94	0.014	0.013						0.013		
Parkinsonia aculeata	Mexico	Guaymas to Hermisillo h	34/94	0.008	0.008						0.008		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93				6						
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/01	0.005	0.004						0.004		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/02	0.005	0.005						0.005		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/03	0.004	0.004						0.004		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/04	0.001	0.004						0.004		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/05	0.001	0.001						0.001		
Parkinsonia aculeata	Mexico	Hermisillo/Mazatlan Hwy	97/93/06	0.003	0.003						0.003		
Parkinsonia aculeata	Mexico	Huazantlan del Rio	54/87	10.410	9.619			1987	9000		0.015	9.604	
Parkinsonia aculeata	Mexico	La Paz	28A/94	0.013	0.012						0.012		
Parkinsonia aculeata	Mexico	Las Virgenes	96/93				7						
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/1	0.015	0.014						0.014		
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/2	0.006	0.006						0.006		
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/3	0.016	0.016						0.015	0.001	
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/4	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/5	0.010	0.010						0.01		
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/6	0.008	0.008						0.008		
Parkinsonia aculeata	Mexico	Las Virgenes	96/93/7	0.009	0.009						0.009		
Parkinsonia aculeata	Mexico	Salina Cruz	84/93				30						
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/01	0.058	0.058						0.015	0.043	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/02	0.052	0.052						0.015	0.037	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/03	0.047	0.047						0.015	0.032	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/04	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/05	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/06	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/07	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/08	0.054	0.054						0.015	0.039	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/09	0.053	0.053						0.015	0.038	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/10	0.070	0.070						0.015	0.055	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/11	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/12	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/13	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/14	0.068	0.068						0.015	0.053	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/15	0.024	0.024						0.015	0.009	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/16	0.039	0.039						0.015	0.024	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/17	0.042	0.042						0.015	0.027	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/18	0.051	0.051						0.015	0.036	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/19	0.071	0.071						0.015	0.056	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/20	0.063	0.063						0.015	0.048	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/21	0.068	0.068						0.015	0.053	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/22	0.063	0.063						0.015	0.048	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/23	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/24	0.073	0.073						0.015	0.058	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/25	0.047	0.047						0.015	0.032	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/26	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/27	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/28	0.080	0.080						0.015	0.065	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/29	0.084	0.084						0.015	0.069	
Parkinsonia aculeata	Mexico	Salina Cruz	84/93/30	0.090	0.090						0.015	0.075	
Parkinsonia aculeata	Mexico	Tacupa	41/88	7.330	7.072			1988	7100		0.015	7.057	
Parkinsonia aculeata	Mexico	Tacupa	115/93				2						
Parkinsonia aculeata	Mexico	Tacupa	115/93/01	0.009	0.009						0.009		
Parkinsonia aculeata	Mexico	Tacupa	115/93/02	0.014	0.013						0.013		
Parkinsonia aculeata	Mexico	Tampico	37D/94	0.003	0.003						0.003		
Parkinsonia aculeata	Mexico	Tehuantepec	83/93				29						
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/01	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/02	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/03	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/04	0.052	0.052						0.015	0.037	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/05	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/06	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/07	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/08	0.056	0.056						0.015	0.041	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/09	0.040	0.040						0.015	0.025	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/10	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/11	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/12	0.060	0.060						0.015	0.045	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/13	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/14	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/15	0.052	0.052						0.015	0.037	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/16	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/17	0.062	0.062						0.015	0.047	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/18	0.058	0.057						0.015	0.042	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/19	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/20	0.087	0.087						0.015	0.072	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/21	0.062	0.062						0.015	0.047	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/22	0.052	0.052						0.015	0.037	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/23	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/24	0.060	0.060						0.015	0.045	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/25	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/26	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/27	0.019	0.019						0.015	0.004	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/28	0.041	0.041						0.015	0.026	
Parkinsonia aculeata	Mexico	Tehuantepec	83/93/29	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Mexico	Tehuantepec	98/93				5						
Parkinsonia aculeata	Mexico	Tehuantepec	98/93/01	0.002	0.002						0.002		
Parkinsonia aculeata	Mexico	Tehuantepec	98/93/02	0.001	0.005						0.005		
Parkinsonia aculeata	Mexico	Tehuantepec	98/93/03	0.001	0.001						0.001		
Parkinsonia aculeata	Mexico	Tehuantepec	98/93/04	0.001	0.002						0.002		
Parkinsonia aculeata	Mexico	Tehuantepec	98/93/05	0.004	0.003						0.003		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93				30						
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/01	0.008	0.008						0.008		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/02	0.005	0.005						0.005		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/03	0.004	0.004						0.004		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/04	0.004	0.004						0.004		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/05	0.009	0.009						0.009		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/06	0.010	0.010						0.010		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/07	0.013	0.013						0.013		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/08	0.008	0.008						0.008		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/09	0.012	0.012						0.012		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/10	0.001	0.001						0.001		

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/11	0.014	0.014						0.014		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/12	0.013	0.013						0.013		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/13	0.004	0.004						0.004		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/14	0.008	0.008						0.008		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/15	0.008	0.008						0.008		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/16	0.022	0.022						0.015	0.007	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/17	0.009	0.009						0.009		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/18	0.014	0.014						0.014		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/19	0.024	0.024						0.015	0.009	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/20	0.018	0.018						0.015	0.003	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/21	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/22	0.006	0.006						0.006		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/23	0.018	0.018						0.015	0.003	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/24	0.025	0.025						0.015	0.01	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/25	0.023	0.023						0.015	0.008	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/26	0.022	0.021						0.015	0.006	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/27	0.013	0.013						0.013		
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/28	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/29	0.023	0.023						0.015	0.008	
Parkinsonia aculeata	Nicaragua	Lago Tecomapa	81/93/30	0.022	0.022						0.015	0.007	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93				56						
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/01	0.003	0.003						0.003		
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/02	0.004	0.004						0.004		
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/03	0.028	0.028						0.015	0.013	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/04	0.006	0.006						0.006		
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/05	0.005	0.005						0.005		
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/06	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/07	0.021	0.021						0.015	0.006	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/08	0.002	0.002						0.002		
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/09	0.031	0.031						0.015	0.016	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/10	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/11	0.017	0.017						0.015	0.002	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/12	0.028	0.028						0.015	0.013	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/13	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/14	0.031	0.031						0.015	0.016	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/15	0.032	0.032						0.015	0.017	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/16	0.046	0.046						0.015	0.031	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/17	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/18	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/19	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/20	0.026	0.026						0.015	0.011	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/21	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/22	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/23	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/24	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/25	0.020	0.020						0.015	0.005	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/26	0.027	0.027						0.015	0.012	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/27	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/28	0.044	0.044						0.015	0.029	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/29	0.046	0.046						0.015	0.031	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/30	0.035	0.035						0.015	0.02	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/31	0.057	0.057						0.015	0.042	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/32	0.023	0.023						0.015	0.008	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/33	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/34	0.046	0.046						0.015	0.031	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/35	0.029	0.029						0.015	0.014	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/36	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/37	0.051	0.051						0.015	0.036	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/38	0.045	0.044						0.015	0.029	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/39	0.039	0.039						0.015	0.024	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/40	0.037	0.037						0.015	0.022	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/41	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/42	0.044	0.044						0.015	0.029	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/43	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/44	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/45	0.034	0.034						0.015	0.019	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/46	0.053	0.053						0.015	0.038	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/47	0.048	0.048						0.015	0.033	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/48	0.036	0.036						0.015	0.021	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/49	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/50	0.046	0.046						0.015	0.031	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/51	0.044	0.044						0.015	0.029	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/52	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/53	0.038	0.038						0.015	0.023	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/54	0.054	0.054						0.015	0.039	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/55	0.040	0.040						0.015	0.025	
Parkinsonia aculeata	Nicaragua	Lago Tismas	80/93/56	0.047	0.047						0.015	0.032	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82				20		8000				
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/01	0.190	0.190						0.015	0.175	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/02	0.295	0.295						0.015	0.28	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/03	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/04	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/05	0.165	0.165						0.015	0.15	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/06	0.265	0.265						0.015	0.25	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/07	0.170	0.170						0.015	0.155	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/08	0.220	0.220						0.015	0.205	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/09	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/10	0.225	0.225						0.015	0.21	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/11	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/12	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/13	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/14	0.300	0.300						0.015	0.285	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/15	0.240	0.240						0.015	0.225	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/16	0.245	0.245						0.015	0.23	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/17	0.085	0.085						0.015	0.07	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/18	0.070	0.070						0.015	0.055	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/19	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	10/82/20	0.180	0.180						0.015	0.165	
Parkinsonia aculeata	Nicaragua	Rio San Antonio	33/83	7.950	0.002			1984	7000		0.002		
Parkinsonia aculeata	Nicaragua	Rio San Antonio	61/87	4.240	3.904			1987	9000		0.015	3.889	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93				25						
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/01	0.043	0.043						0.015	0.028	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/02	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/03	0.021	0.021						0.015	0.006	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/04	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/05	0.019	0.019						0.015	0.004	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/06	0.035	0.035						0.015	0.02	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/07	0.031	0.031						0.015	0.016	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/08	0.068	0.068						0.015	0.053	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/09	0.038	0.038						0.015	0.023	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/10	0.038	0.038						0.015	0.023	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/11	0.066	0.066						0.015	0.051	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/12	0.041	0.041						0.015	0.026	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/13	0.055	0.055						0.015	0.04	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/14	0.049	0.049						0.015	0.034	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/15	0.035	0.035						0.015	0.02	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/16	0.062	0.062						0.015	0.047	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/17	0.064	0.064						0.015	0.049	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/18	0.073	0.073						0.015	0.058	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/19	0.061	0.061						0.015	0.046	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/20	0.067	0.067						0.015	0.052	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/21	0.044	0.044						0.015	0.029	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/22	0.068	0.068						0.015	0.053	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/23	0.050	0.050						0.015	0.035	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/24	0.072	0.072						0.015	0.057	
Parkinsonia aculeata	Nicaragua	Road to San Fransisco	82/93/25	0.045	0.045						0.015	0.03	
Parkinsonia aculeata	USA	Austin	104/93	0.005	0.004						0.004		
Parkinsonia aculeata	USA	Unknown	127/94	0.035	0.035						0.015	0.02	
Parkinsonia aculeata x cercidium microphyllu	USA	Unknown	124/94	0.106	0.010	*					0.01		
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93				19						
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/01	0.005	0.004						0.004		
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/03	0.005	0.005						0.005		
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/04	0.005	0.005						0.005		
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/05	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/06	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/07	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/09	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/10	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/11	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/12	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/13	0.005	0.005							0.005	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/16	0.004	0.004							0.004	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/17	0.007	0.007							0.007	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/18	0.004	0.004							0.004	
Parkinsonia africana	Namibia	Usakos / Okombame reg	100/93/19	0.007	0.007							0.007	
Parkinsonia africana	South Africa	Aggeneys	99/93		0.235		10				0.015	0.22	
Parkinsonia africana	South Africa	Aggeneys	99/93/01	0.100	0.100						0.015	0.085	
Parkinsonia africana	South Africa	Aggeneys	99/93/03	0.013	0.013						0.013		

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SN	SIBS	TEST	VIABLE	GERM%	READING	BIN	NOTES
Parkinsonia africana	South Africa	Aggeneys	99/93/04	0.036	0.036						0.015	0.021	
Parkinsonia africana	South Africa	Aggeneys	99/93/05	0.023	0.023							0.023	
Parkinsonia africana	South Africa	Aggeneys	99/93/06	0.009	0.009							0.009	
Parkinsonia africana	South Africa	Aggeneys	99/93/07	0.041	0.041							0.041	
Parkinsonia africana	South Africa	Aggeneys	99/93/08	0.035	0.035							0.035	
Parkinsonia africana	South Africa	Aggeneys	99/93/09	0.020	0.020							0.020	
Parkinsonia africana	South Africa	Aggeneys	99/93/10	0.030	0.030							0.030	
Parkinsonia africana	South Africa	Unknown	94/93	0.003	0.003						0.003		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Rancho el Imposible	109/93	0.002	0.002	*					0.002		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Rio Florido	108/93				3						
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Rio Florido	108/93/01	0.003	0.003						0.003		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Rio Florido	108/93/02	0.004	0.004						0.004		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Rio Florido	108/93/03	0.004	0.004						0.004		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	31/94	0.010	0.001	*					0.001		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	107/93				4						
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	107/93/01	0.001	0.001						0.001		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	107/93/02	0.004	0.004						0.004		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	107/93/03	0.001	0.001						0.001		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Santo Domingo	107/93/04	0.008	0.008						0.008		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	60/88	0.121	0.036			1988			0.036		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	106/93				3						
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	106/93/01	0.015	0.015						0.015		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	106/93/02	0.002	0.002						0.002		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	106/93/03	0.015	0.015						0.015		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	95/93				3						
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	95/93/01	0.003	0.003						0.003		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	95/93/02	0.001	0.002						0.002		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tacupa	95/93/03	0.001	0.001						0.001		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tehuantepec	105/93				2						
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tehuantepec	105/93/01	0.002	0.002						0.002		
Parkinsonia hybrid Paculeata x Cpraecox	Mexico	Tehuantepec	105/93/02	0.002	0.002						0.002		
										total weight, kg	6.098	44.956	
										no seedlots	435	318	

Details of <i>Pinus</i> spp. seedlots distribution																			
SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
<i>Pinus brutia</i>	Honduras	Guanaja	4	1.000	0.249		1989											0.249	
<i>Pinus caribaea</i> X <i>oocarpa</i>	Honduras	Los Limones	25/75	0.780	0.201		1993										0.030	0.171	
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	3/80	1.050	0.530		1996	45000				0.230	0.300						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	40/89	2.052	1.983							0.983	1.000						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89			20													
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/01	0.020	0.006								0.006						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/07	0.015	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/09	0.020	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/10	0.011	0.001								0.001						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/11	0.020	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/12	0.027	0.013								0.013						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/14	0.017	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/15	0.020	0.006								0.006						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/16	0.015	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/19	0.015	0.003								0.003						
<i>Pinus caribaea bahamensis</i>	Australia	Byfield	41/89/20	0.012	0.001								0.001						
<i>Pinus caribaea bahamensis</i>	Australia	Queensland	34/83		0.188							0.160					0.028		
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88		0.305	10	1996	61000			0.305								
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/01	0.091	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/02	0.056	0.005								0.005						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/03	0.095	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/05	0.131	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/06	0.074	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/08	0.165	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Adelaide	77/88/09	0.250	0.015								0.015						
<i>Pinus caribaea bahamensis</i>	Bahamas	Andros Island	69(7296)		2.273		2000	24%	22									2.255	low germination
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88		0.675	10	1996	73000			0.400	0.250					0.025		
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/01	0.064	0.013								0.013						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/02	0.129	0.058								0.058						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/03	0.299	0.109							0.050	0.059						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/04	0.245	0.109							0.035	0.074						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/05	0.253	0.109							0.050	0.059						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/06	0.297	0.109							0.035	0.074						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/07	0.281	0.109							0.050	0.059						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/08	0.298	0.109							0.050	0.059						
<i>Pinus caribaea bahamensis</i>	Bahamas	Cedar Harbour	65/88/09	0.281	0.108							0.050	0.058						

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus caribaea bahamensis	Bahamas	Cedar Harbour	65/88/10		0.284	0.108							0.035	0.073					
Pinus caribaea bahamensis	Bahamas	Central Abaco	67/88		-0.001	10	1988												
Pinus caribaea bahamensis	Bahamas	Central Abaco	67/88/03		0.101	0.050							0.050						
Pinus caribaea bahamensis	Bahamas	Central Abaco	67/88/04		0.080	0.029							0.029						
Pinus caribaea bahamensis	Bahamas	Central Abaco	67/88/09		0.077	0.026							0.026						
Pinus caribaea bahamensis	Bahamas	Consulflor Abaco	40/77		0.910	0.466	1996	50000			0.466								
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88		0.628	10	1996	64000			0.400	0.200					0.028		
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/01		0.160	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/03		0.250	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/04		0.113	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/05		0.347	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/06		0.126	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/08		0.144	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/09		0.287	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	East New Providence	78/88/10		0.201	0.012							0.012						
Pinus caribaea bahamensis	Bahamas	Freeport	73/88			10													
Pinus caribaea bahamensis	Bahamas	Freeport	73/88/10		0.043	0.002							0.002						
Pinus caribaea bahamensis	Bahamas	High Rock	13/74		7.215	1.589	2000	87%	86		0.982	0.550					0.039		
Pinus caribaea bahamensis	Bahamas	Kemps Bay	72/88		0.281	10	1996	40000			0.281								
Pinus caribaea bahamensis	Bahamas	Little Abaco	1/79		5.270	3.603	2000	68%	63		1.982	1.570					0.033		
Pinus caribaea bahamensis	Bahamas	Little Abaco	90/87		0.287	0.250	1993						0.100	0.150					
Pinus caribaea bahamensis	Bahamas	Little Abaco	91/87		0.053	0.053	1993						0.053						
Pinus caribaea bahamensis	Bahamas	Little Abaco	92/87		0.535	0.423	1996	71000					0.223	0.200					
Pinus caribaea bahamensis	Bahamas	Little Abaco	93/87		0.360	0.339	1993						0.139	0.200					
Pinus caribaea bahamensis	Bahamas	Little Abaco	94/87		0.277	0.256	1993						0.100	0.156					
Pinus caribaea bahamensis	Bahamas	Little Abaco	95/87		0.322	0.298	1993						0.100	0.198					
Pinus caribaea bahamensis	Bahamas	Little Abaco	97/87		0.154	0.129	1993						0.060	0.069					
Pinus caribaea bahamensis	Bahamas	Little Abaco	98/87		0.057	0.048	1988	58000					0.048						
Pinus caribaea bahamensis	Bahamas	Little Harbour C	76/88		0.136	10	1996	60000			0.136								
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88		-0.001	10	1988												
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88/01		0.029	0.002							0.002						
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88/03		0.063	0.022							0.022						
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88/04		0.099	0.058							0.058						
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88/06		0.030	0.003							0.003						
Pinus caribaea bahamensis	Bahamas	Maclean's Town	75/88/10		0.046	0.015							0.015						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88		1.641	10	2000	66%	65		0.982	0.600					0.041		
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/01		0.333	0.106							0.050	0.056					

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/02	0.522	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/03	0.539	0.106							0.050	0.056						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/04	0.623	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/05	0.515	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/06	0.317	0.106							0.050	0.056						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/07	0.108	0.024								0.024						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/08	0.207	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/09	0.353	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Norman Castle	66/88/10	0.277	0.106							0.035	0.071						
Pinus caribaea bahamensis	Bahamas	Roker Cay	71/88			10													
Pinus caribaea bahamensis	Bahamas	Roker Cay	71/88/06	0.043	0.004								0.004						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88		0.846	10	1996	54000			0.500	0.310					0.036		
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/01	0.328	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/02	0.096	0.031								0.031						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/03	0.302	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/04	0.257	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/05	0.319	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/06	0.049	0.003								0.003						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/07	0.300	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/08	0.224	0.035								0.035						
Pinus caribaea bahamensis	Bahamas	San Andros	69/88/10	0.093	0.028								0.028						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88		0.418	10	1996	69000			0.418								
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/01	0.091	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/02	0.107	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/03	0.118	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/04	0.237	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/05	0.201	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/06	0.048	0.003								0.003						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/07	0.095	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/08	0.184	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/09	0.144	0.011								0.011						
Pinus caribaea bahamensis	Bahamas	Sandy Point	68/88/10	0.062	0.008								0.008						
Pinus caribaea bahamensis	Bahamas	South Riding	74/88		0.255	10	1996	58000			0.255								
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/02	0.070	0.004								0.004						
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/04	0.132	0.004								0.004						
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/05	0.160	0.004								0.004						
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/07	0.064	0.004								0.004						

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/08	0.163	0.004								0.004						
Pinus caribaea bahamensis	Bahamas	South Riding	74/88/10	0.096	0.005								0.005						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88		0.486	10	1996	72000			0.486								
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/01	0.381	0.037								0.037						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/02	0.185	0.037								0.037						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/04	0.061	0.003								0.003						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/07	0.096	0.037								0.037						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/08	0.129	0.037								0.037						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/09	0.142	0.037								0.037						
Pinus caribaea bahamensis	Bahamas	Staniard Creek	70/88/10	0.214	0.036								0.036						
Pinus caribaea bahamensis	Vietnam	Xuan Tho	87/87	0.044	0.034													0.034	
Pinus caribaea bahamensis	Vietnam	Xuan Tho	88/87	0.002	0.002													0.002	
Pinus caribaea bahamensis	Vietnam	Xuan Tho	89/87	0.077	0.067		1993											0.067	
Pinus caribaea caribaea	Cuba	Marbajitas	51/83		0.047													0.047	
Pinus caribaea caribaea	Cuba	Marbajitas	61/83		0.166						0.166								
Pinus caribaea hondurensis	Australia	Byfield	36/83		0.096		1993											0.096	
Pinus caribaea hondurensis	Australia	Kennedy Seed C	35/83		0.050													0.050	
Pinus caribaea hondurensis	Australia	Queensland	43/84		0.410		1993											0.410	
Pinus caribaea hondurensis	Australia	Queensland	61/85	10.020	2.591		1993											2.591	
Pinus caribaea hondurensis	Australia	Queensland	62/85	9.950	3.397		1993											3.397	
Pinus caribaea hondurensis	Belize	Las Lomitas	17/74	4.170	0.119		1993				0.119								
Pinus caribaea hondurensis	Belize	Mountain Pine F	15/71	0.024	0.022													0.022	
Pinus caribaea hondurensis	Belize	Mountain Pine F	17/71	0.007	0.006													0.006	
Pinus caribaea hondurensis	Belize	Mountain Pine F	17/85		4.540		2000	40%	34									4.522	low germ
Pinus caribaea hondurensis	Belize	Santos Pine Rid	43/71	2.260	0.133			52000			0.133								
Pinus caribaea hondurensis	Belize	Unknown	5/85		0.445		1993											0.445	
Pinus caribaea hondurensis	Fiji	Drasa, Lololo Fc	55/83		0.046													0.046	
Pinus caribaea hondurensis	Fiji	Fiji ex MPR	42/84		0.361		1993											0.361	
Pinus caribaea hondurensis	Guatemala	Lanquim	33/84		0.466						0.466								
Pinus caribaea hondurensis	Guatemala	Poptun	22/85		4.775		2000	80%	78		2.757	1.500	0.500						very average material
Pinus caribaea hondurensis	Guatemala	Poptun	34/84		0.265		1993					0.265							
Pinus caribaea hondurensis	Guatemala	Poptun	58/83		0.152		1993					0.152							
Pinus caribaea hondurensis	Honduras	Araslaya	42/78	0.402	0.143			18000			0.143								
Pinus caribaea hondurensis	Honduras	Concordia	21/80	4.980	3.694		2000	31%	31									3.694	low germ
Pinus caribaea hondurensis	Honduras	Culmi	21/85		5.440		2000	54%	52		4.982		0.440						
Pinus caribaea hondurensis	Honduras	Culmi	37/84		0.429		1985											0.429	Camcore data suggests bin
Pinus caribaea hondurensis	Honduras	Culmi	52/83		0.213		1993											0.213	Camcore data suggests bin

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Pinus caribaea hondurensis	Honduras	Culmi	57/83		0.223		1993											0.223	Camcore data suggests bin
Pinus caribaea hondurensis	Honduras	Culmi	63/83		0.214		1993											0.214	Camcore data suggests bin
Pinus caribaea hondurensis	Honduras	Guanaja	23/85		0.002		1987				0.002								
Pinus caribaea hondurensis	Honduras	La Brea-colon	59/83	0.504	0.038			21000			0.038								
Pinus caribaea hondurensis	Honduras	La Hicaca	33/81		0.399		1993				0.399								
Pinus caribaea hondurensis	Honduras	La Mosquitia	19/85		13.610		2000	53%	51				0.610					12.982	most Mosquitia material very average
Pinus caribaea hondurensis	Honduras	La Mosquitia	2/87	3.000	2.888		2000	58%	56		2.870								
Pinus caribaea hondurensis	Honduras	La Mosquitia	20/80	4.980	2.858		2000	55%	52									2.840	most Mosquitia material very average
Pinus caribaea hondurensis	Honduras	La Mosquitia	53/83		0.140		1993											0.140	most Mosquitia material very average
Pinus caribaea hondurensis	Honduras	La Mosquitia	64/83		0.108		1993											0.108	most Mosquitia material very average
Pinus caribaea hondurensis	Honduras	Lepaguare	34/81		3.807		2000	68%	66		3.382		0.407						
Pinus caribaea hondurensis	Honduras	Limon	40/84		0.369		1993				0.369								
Pinus caribaea hondurensis	Honduras	Los Limones	1/83		0.208		1996	46000										0.208	low foxtail - average growth
Pinus caribaea hondurensis	Honduras	Los Limones	18/85		9.249		1993				8.782		0.449						
Pinus caribaea hondurensis	Honduras	Los Limones	35/84		0.394		1993											0.394	low foxtail - average growth
Pinus caribaea hondurensis	Honduras	Los Limones	62/83		0.016													0.016	low foxtail - average growth
Pinus caribaea hondurensis	Honduras	Ojo de Agua	31/81		4.854		2000	73%	72		4.382		0.454						
Pinus caribaea hondurensis	Honduras	Pinalejo	39/84		0.403		1993				0.403								Camcore data suggests bin
Pinus caribaea hondurensis	Honduras	San Carlos	60/83		0.143		1993				0.143								
Pinus caribaea hondurensis	Honduras	San Jeronimo	22/80	4.980	4.233		2000	48%	47		4.215								
Pinus caribaea hondurensis	Honduras	San Jeronimo	36/84		0.336		1993						0.336						
Pinus caribaea hondurensis	Honduras	Siria	38/84		0.352		1994				0.352								
Pinus caribaea hondurensis	Honduras	Trojes	20/85		15.382		2000	75%	73		3.000		0.482					11.882	no takers
Pinus caribaea hondurensis	Honduras	Yojoa	12/81	4.980	3.744		2000	58%	55		3.726								
Pinus caribaea hondurensis	Honduras	Yojoa	13/76	0.990	0.044			50000										0.044	Camcore data suggests bin
Pinus caribaea hondurensis	Honduras	Yojoa	56/83		0.196		1993						0.196						
Pinus caribaea hondurensis	Nicaragua	Alamicamba	1/87	4.000	2.279		2000		zero									2.261	0% germ
Pinus caribaea hondurensis	Nicaragua	Alamicamba	16/85		8.120		2000	34%	32									8.102	low germ
Pinus caribaea hondurensis	Nicaragua	Alamicamba	50/83		0.045								0.045						
Pinus caribaea hondurensis	Nicaragua	Karawala	48/78	2.330	0.101		1993				0.101								
Pinus caribaea hondurensis	Nicaragua	Kuakuil	7/86	0.495	0.156		1996	42000			0.156								
Pinus caribaea hondurensis	Nicaragua	Pantasma	50/78	4.460	1.144		2000	54%	53		0.602		0.500				0.024		
Pinus caribaea hondurensis	Nicaragua	Puerto Cabezas	5/79	3.000	0.258		1993				0.258								
Pinus caribaea hondurensis	Nicaragua	San Lorenzo	45/78	1.470	0.517		1993				0.400		0.100				0.017		
Pinus caribaea hondurensis	Nicaragua	San Nicolas	9/86	1.500	0.969		2000	74%	72		0.551		0.400						
Pinus caribaea hondurensis	Nicaragua	Santa Clara	8/86	1.495	0.615		1996	46000			0.415		0.200						
Pinus caribaea hondurensis	Nicaragua	Siilma Sia	2/79	6.000	1.357		2000	28%	26									1.339	low germ

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus chiapensis	Guatemala	Cotzal Quiche	17/81	3.330	2.058		2000		zero									2.040	low germ
Pinus chiapensis	Guatemala	Huehuetenango	64/85	2.980	1.863		2000	4%	2									1.845	low germ
Pinus elliottii	Zimbabwe	Elliottii CSOs	10/88	0.250	0.224		1988	14000										0.224	low germ
Pinus elliottii	Zimbabwe	Elliottii CSOs	11/88	0.249	0.215		1993											0.215	low germ
Pinus elliottii	Zimbabwe	Elliottii CSOs	7/88	0.248	0.228		1988	15000										0.228	low germ
Pinus elliottii	Zimbabwe	Elliottii CSOs	8/88	0.249	0.204		1988	22000										0.204	low germ
Pinus elliottii	Zimbabwe	Elliottii CSOs	9/88	0.248	0.174		1988	13000										0.174	low germ
Pinus elliottii	Zimbabwe	Unknown	24/79		0.083		1979	7400										0.083	low germ
Pinus elliottii	Zimbabwe	Unknown	25/79		0.077		1993											0.077	low germ
Pinus elliottii	Zimbabwe	Unknown	26/79		0.085		1993											0.085	low germ
Pinus elliottii	Zimbabwe	Unknown	27/79		0.048		1979	14000										0.048	low germ
Pinus elliottii	Zimbabwe	Unknown	28/79		0.074		1993											0.074	low germ
Pinus elliottii	Zimbabwe	Unknown	29/79		0.049		1979	18000										0.049	low germ
Pinus greggii	Mexico	El Madrono	2/92				10												
Pinus greggii	Mexico	El Madrono	2/92/01	450 see	450 seed										450 seed				Material from
Pinus greggii	Mexico	El Madrono	2/92/02	450 see	450 seed										450 seed				CAMCORE
Pinus greggii	Mexico	El Madrono	2/92/03	450 see	450 seed										450 seed				well tested
Pinus greggii	Mexico	El Madrono	2/92/04	450 see	450 seed										450 seed				already
Pinus greggii	Mexico	El Madrono	2/92/05	450 see	450 seed										450 seed				
Pinus greggii	Mexico	El Madrono	2/92/06	450 see	450 seed										450 seed				
Pinus greggii	Mexico	El Madrono	2/92/07	450 see	450 seed										450 seed				
Pinus greggii	Mexico	El Madrono	2/92/08	450 see	450 seed										450 seed				
Pinus greggii	Mexico	El Madrono	2/92/09	450 see	450 seed										450 seed				
Pinus greggii	Mexico	El Madrono	2/92/10	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92				10												
Pinus greggii	Mexico	Laguna Azteca	1/92/01	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/02	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/03	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/04	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/05	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/06	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/07	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/08	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/09	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna Azteca	1/92/10	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92				10												
Pinus greggii	Mexico	Laguna seca	3/92/01	450 see	450 seed										450 seed				

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus greggii	Mexico	Laguna seca	3/92/02	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/03	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/04	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/05	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/06	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/07	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/08	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/09	450 see	450 seed										450 seed				
Pinus greggii	Mexico	Laguna seca	3/92/10	450 see	450 seed										450 seed				
Pinus kesiya	Madagascar	Bodana populati	58/85A	2.000	0.686		1993				0.686								
Pinus kesiya	Madagascar	Bodana populati	59/85A	1.980	0.167		1993				0.167								
Pinus kesiya	Thailand	Baw Luang	8/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Doi Inthanon	5/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Doi Suthep	9/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	HUEY BONG	6/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Huey Tong	1/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Khun Kong	3/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Mae Rid	10/96	0.018	0.018						0.018								
Pinus kesiya	Thailand	Nong Krating	7/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Samerng	4/96	0.020	0.020						0.020								
Pinus kesiya	Thailand	Wat Chan	2/96	0.020	0.020						0.020								
Pinus maximinoi	Guatemala	Comalapa	31/70		0.014		1974	35000			0.014								
Pinus maximinoi	Guatemala	San Juan Sacat	42/71	1.940	0.089		1993				0.089								
Pinus maximinoi	Honduras	Dulce Nombre	30/77	4.790	0.468		1987	57000			0.468								
Pinus maximinoi	Honduras	Guinope	10/81	4.980	3.658		2000	82%	79		3.640								
Pinus maximinoi	Honduras	La Fortuna	20/75	1.960	0.026			32000			0.026								
Pinus maximinoi	Honduras	Loma de Ochoa	2/74	2.940	0.249		1993				0.249								
Pinus maximinoi	Honduras	Minas de Oro	11/81	1.980	0.861		1993				0.861								
Pinus maximinoi	Honduras	Tatumbula	11/72		0.092		1987	51000			0.092								
Pinus maximinoi	Nicaragua	Dantali	37/78	4.090	2.885		2000	23%	23									2.867	low germ
Pinus maximinoi	Nicaragua	Dantali	8/76	9.830	6.200		2000	64%	63						0.500			5.682	no takers
Pinus maximinoi	Nicaragua	Dipilto	4/76	6.640	4.946		2000	6%	6									4.928	low germ
Pinus maximinoi	Nicaragua	Jinotega	27/77	1.165	0.091		1993											0.091	no takers
Pinus maximinoi	Nicaragua	Jinotega	7/76	1.900	0.454		1993				0.454								
Pinus maximinoi	Nicaragua	San Rafael	28/71	1.690	0.120		1987	52000			0.120								
Pinus maximinoi	Vietnam	Xuan Tho	9/74	5.710	1.902		1987	33000										1.902	? Really maximinoi? Bin
Pinus merkusii	Indonesia	Kejeran	2/80	0.315	0.087		1993				0.087								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus occidentalis	Cuba	Bayomo	4/78		0.096		1993				0.096								
Pinus occidentalis	Dominican	Hondo Valley	66(7293)	1.134	0.043			60000			0.043								
Pinus occidentalis	Dominican	Jumunco	38/77	0.510	0.245		1993				0.245								
Pinus oocarpa	Guatemala	Bucaral	3/71	3.310	0.972		1993				0.950						0.022		Bucaral and El Castano same collection site
Pinus oocarpa	Guatemala	Camotan	45/84		0.457						0.457								Camcore data suggests bin
Pinus oocarpa	Guatemala	Camotan	71/83		0.189		1993											0.189	Camcore data suggests bin
Pinus oocarpa	Guatemala	Canas	9/70	1.996	0.536		1993				0.536								
Pinus oocarpa	Guatemala	Chuacus	53/84		0.452		1993				0.300	0.152							
Pinus oocarpa	Guatemala	Conacaste	26/85		19.498		1996	41000			1.000						0.028	18.470	
Pinus oocarpa	Guatemala	El Castano	48/84		0.452		1993				0.452								
Pinus oocarpa	Guatemala	El Chiquite	46/84		0.454		1993				0.300	0.154							
Pinus oocarpa	Guatemala	El Pinalon	5/75	9.980	7.034		1993				1.000	6.000					0.034		
Pinus oocarpa	Guatemala	Huehuetenango	29/71	1.560	0.149		1993				0.149								
Pinus oocarpa	Guatemala	La Lagunilla	47/84		0.454		1993				0.454								
Pinus oocarpa	Guatemala	Lagunilla	25/85		1.460		1993				1.430						0.030		
Pinus oocarpa	Guatemala	Las Limas	73/83		0.216		1993				0.216								
Pinus oocarpa	Guatemala	Lima	10/70	1.996	0.191		1993				0.191								
Pinus oocarpa	Guatemala	Mal Paso	4/75	9.930	3.367		1993											3.367	
Pinus oocarpa	Guatemala	Mal Paso	60/79	3.060	2.862		1996	49000			2.862								
Pinus oocarpa	Guatemala	Mal Paso	76/83		0.187		1993												0.187
Pinus oocarpa	Guatemala	Mal Paso	77/83		0.279		1993												0.279
Pinus oocarpa	Guatemala	Pexja	55/84		0.010						0.010								
Pinus oocarpa	Guatemala	Potrero Carillo	44/84		0.455		1993				0.455								
Pinus oocarpa	Guatemala	Pueblo Viejo	3/75	7.300	2.669		1996	30000			2.669								
Pinus oocarpa	Guatemala	San Jose	10/71	5.580	0.246		1993				0.246								generally poor source
Pinus oocarpa	Guatemala	San Jose La Arca	51/84		0.452		1993				0.452								generally poor source
Pinus oocarpa	Guatemala	San Jose La Arca	72/83		0.200		1993											0.200	generally poor source
Pinus oocarpa	Guatemala	San Lorenzo	49/84		0.454		1993				0.454								
Pinus oocarpa	Guatemala	San Luis	52/84		0.452		1993				0.452								generally poor source
Pinus oocarpa	Guatemala	San Luis	74/83		0.231		1993											0.231	generally poor source
Pinus oocarpa	Guatemala	Tapalapa	54/84		0.454		1993				0.454								generally poor source
Pinus oocarpa	Guatemala	Vado Hondo	50/84		0.452		1993				0.452								
Pinus oocarpa	Honduras	Campamento	12/72	9.330	2.435		1996	49000			2.400						0.035		
Pinus oocarpa	Honduras	Crucitas	29/85		0.134		1993				0.134								
Pinus oocarpa	Honduras	Guiamaca	27/85		7.493		1993				1.000						0.033	6.460	
Pinus oocarpa	Honduras	Guiamaca	78/83		0.190		1993											0.190	
Pinus oocarpa	Honduras	Guinope	69/83		0.171						0.171								

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus oocarpa	Honduras	Guinope el Para	9/81	4.980	4.446		1993				1.000	3.420					0.026		
Pinus oocarpa	Honduras	Las Crucitas	70/83		0.169		1993				0.169								
Pinus oocarpa	Honduras	Pimientilla	5/74	16.110	6.040		1993				1.000	5.010					0.030		
Pinus oocarpa	Honduras	San Juan	4/74	6.930	2.220		1993				2.220								
Pinus oocarpa	Honduras	Siguatopeque	7/71	2.730	0.288		1993				0.288								
Pinus oocarpa	Honduras	Unknown	35/71	1.490	4.657		1987	56000										4.657	
Pinus oocarpa	Honduras	Unknown	49/79	0.075	0.071		1993											0.071	
Pinus oocarpa	Honduras	Valle Bonito	3/74	6.260	2.151		1987	51000									0.035	2.116	no takers
Pinus oocarpa	Honduras	Villa Santa	2/73		0.643		1996	50000									0.035	0.608	no takers
Pinus oocarpa	Honduras	Zamorano	28/85		2.056		1993										0.035	2.021	no takers
Pinus oocarpa	Honduras	Zapotillo	6/70	1.361	0.961		1996	55000									0.035	0.925	no takers
Pinus oocarpa	Mexico	Chinameca	85/78	1.000	0.167		1993					0.167							
Pinus oocarpa	Mexico	Cienega de Leo	94/78	0.790	0.094		1993					0.094							
Pinus oocarpa	Mexico	El Durazno	82/78	0.805	0.013			28000				0.013							
Pinus oocarpa	Mexico	El Llano	77/78	0.940	0.102		1993					0.102							
Pinus oocarpa	Mexico	El Sanibal	90/78	0.500	0.402		1993					0.300		0.102					
Pinus oocarpa	Mexico	La Cascada	92/78	0.500	0.476		1993					0.300		0.176					
Pinus oocarpa	Mexico	La Codicia	83/78	1.500	0.747		1993					0.500		0.247					
Pinus oocarpa	Mexico	La Florida	84/78	0.795	0.097		1993					0.097							
Pinus oocarpa	Mexico	La Trinitaria	72/78	1.500	0.686		1996	38000				0.400		0.286					
Pinus oocarpa	Mexico	Los Negros	81/78	0.500	0.270		1993					0.270							
Pinus oocarpa	Mexico	Los Sabinos	80/78	0.495	0.390		1993					0.250		0.140					
Pinus oocarpa	Mexico	Matanguaran	78/78	0.490	0.406		1993					0.260		0.146					
Pinus oocarpa	Mexico	Mazamit	73/78	0.500	0.317		1993							0.317					
Pinus oocarpa	Mexico	Palos Altos	75/78	0.510	0.476		1993							0.476					
Pinus oocarpa	Mexico	San Cristobal	93/78	0.510	0.458		1993							0.458					
Pinus oocarpa	Mexico	San Francisco	91/78	0.495	0.477		1993							0.450			0.027		
Pinus oocarpa	Mexico	Santa Rita	95/78	0.505	0.429		1996	40000						0.429					
Pinus oocarpa	Mexico	Temascaltepec	97/78	6.025	4.737		1996	32000						4.700			0.037		
Pinus oocarpa	Mexico	Toliman	96/78	0.990	0.245		1993							0.245					
Pinus oocarpa	Mexico	Tzararacua	74/78	0.995	0.031			31000				0.031							
Pinus oocarpa	Mexico	Valle de Bravo	71/78	0.800	0.013			29000				0.013							
Pinus oocarpa	Mexico	Valle de Bravo	76/78	1.000	0.031			30000				0.031							
Pinus oocarpa	Mexico	Ziracuaretiro	79/78	0.800	0.013			30000				0.013							
Pinus oocarpa	Nicaragua	Bonete	7/74	19.550	7.296		1993				3.000	4.296							
Pinus oocarpa	Nicaragua	Cusmapa	7/75	6.810	3.801		1993				1.000							2.801	no takers
Pinus oocarpa	Nicaragua	Dipilto	30/85		36.320		1993				3.000	33.300					0.020		

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Pinus oocarpa	Nicaragua	Jalapa	26/75	0.840	0.171		1993				0.171								
Pinus oocarpa	Nicaragua	Junquillo	1/71	1.300	0.699		1993				0.400	0.299							
Pinus oocarpa	Nicaragua	San Fernando	31/85		2.305		1993				2.305								
Pinus oocarpa	Nicaragua	Yucul	4/86	0.082	0.073		1993				0.073								
Pinus oocarpa	South Africa	Kwambonambi	25/77	0.100	0.088		1993											0.088	
Pinus oocarpa	Unknown	Unknown	37/81	2.665	2.653			61000										2.653	
Pinus oocarpa	Unknown	Unknown	4/82		0.060			43000										0.060	
Pinus oocarpa	Vietnam	Xuan Tho	86/78	1.000	0.166		1993											0.166	
Pinus oocarpa	Vietnam	Xuan Tho	87/78	1.015	0.181			37000										0.181	
Pinus oocarpa	Vietnam	Xuan Tho	87/79			8													
Pinus oocarpa	Vietnam	Xuan Tho	87/79/01		0.043													0.043	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/07		0.073													0.073	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/09		0.103		1993											0.103	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/10		0.037													0.037	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/11		0.014													0.014	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/12		0.026													0.026	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/14		0.013													0.013	
Pinus oocarpa	Vietnam	Xuan Tho	87/79/801		0.011													0.011	
Pinus oocarpa	Vietnam	Xuan Tho	88/78	0.495	0.342		1993											0.342	
Pinus oocarpa	Vietnam	Xuan Tho	89/78	0.800	0.013			32000										0.013	
Pinus oocarpa	Vietnam	Xuan Tho	9/71	4.550	0.274		1993											0.274	
Pinus oocarpa	Vietnam	Xuan Tho	9/72	0.530	0.238		1993											0.238	
Pinus oocarpa	Vietnam	Xuan Tho	9/75	0.088	0.076		1993											0.076	
Pinus patula	Zimbabwe	JMFRS	12/88	0.236	0.196		1988	104000										0.196	
Pinus patula	Zimbabwe	JMFRS	13/88	0.250	0.218		1988	93000										0.218	
Pinus patula	Zimbabwe	JMFRS	14/88	0.171	0.141													0.141	
Pinus patula	Zimbabwe	JMFRS	15/88	0.250	0.219		1988	76000										0.219	
Pinus patula	Zimbabwe	JMFRS	16/88	0.249	0.169		1988	97000										0.169	
Pinus patula	Zimbabwe	JMFRS	17/88	0.250	0.210		1988	92000										0.210	
Pinus patula tecunumanii	Belize	Mountain Pine F	24/85		9.053		2000	76%	76		3.000						0.053	5.982	Camcore data suggests bin?
Pinus patula tecunumanii	Belize	Mountain Pine F	3/86	0.085	0.036			56000		0.036									
Pinus patula tecunumanii	Belize	Mountain Pine F	52/85			40													
Pinus patula tecunumanii	Belize	Mountain Pine F	52/85/20	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	Mountain Pine F	52/85/22	0.004	0.001					0.001									
Pinus patula tecunumanii	Belize	Mountain Pine F	52/85/31	0.005	0.004					0.004									
Pinus patula tecunumanii	Belize	Mountain Pine F	68/83		0.101		1993			0.101									
Pinus patula tecunumanii	Belize	San Pastor	51/85			30													

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Pinus patula tecunumanii	Belize	San Pastor	51/85/01	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	San Pastor	51/85/02	0.004	0.004					0.004									
Pinus patula tecunumanii	Belize	San Pastor	51/85/05	0.003	0.003					0.003									
Pinus patula tecunumanii	Belize	San Pastor	51/85/06	0.004	0.004					0.004									
Pinus patula tecunumanii	Belize	San Pastor	51/85/07	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/08	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	San Pastor	51/85/09	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/10	0.004	0.004					0.004									
Pinus patula tecunumanii	Belize	San Pastor	51/85/12	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/13	0.003	0.003					0.003									
Pinus patula tecunumanii	Belize	San Pastor	51/85/14	0.006	0.006					0.006									
Pinus patula tecunumanii	Belize	San Pastor	51/85/16	0.004	0.004					0.004									
Pinus patula tecunumanii	Belize	San Pastor	51/85/17	0.003	0.003					0.003									
Pinus patula tecunumanii	Belize	San Pastor	51/85/18	0.006	0.006					0.006									
Pinus patula tecunumanii	Belize	San Pastor	51/85/19	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/20	0.007	0.007					0.007									
Pinus patula tecunumanii	Belize	San Pastor	51/85/21	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/22	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	San Pastor	51/85/24	0.002	0.002					0.002									
Pinus patula tecunumanii	Belize	San Pastor	51/85/25	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	San Pastor	51/85/26	0.003	0.003					0.003									
Pinus patula tecunumanii	Belize	San Pastor	51/85/27	0.001	0.001					0.001									
Pinus patula tecunumanii	Belize	San Pastor	51/85/28	0.003	0.003					0.003									
Pinus patula tecunumanii	Belize	San Pastor	51/85/29	0.004	0.004					0.004									
Pinus patula tecunumanii	Belize	San Pastor	51/85/30	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	Finca las Victori	13/85			10													
Pinus patula tecunumanii	Guatemala	La Soledad	11/85			20													
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/04	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/09	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/13	0.005	0.005					0.005									
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/17	0.011	0.007					0.007									
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/18	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	La Soledad	11/85/20	0.004	0.004					0.004									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85			30													
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/02	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/03	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/05	0.001	0.001					0.001									

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Pinus patula tecunumanii	Guatemala	La Soledad	49/85/06	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/08	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/09	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/10	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/11	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/13	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/15	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/16	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/17	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/19	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/21	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/22	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/23	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/24	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/25	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/26	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/27	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/28	0.005	0.005					0.005									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/29	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	La Soledad	49/85/30	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85				31												
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/03		0.006					0.006									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/04		0.018					0.018									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/07		0.002					0.002									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/10	0.005	0.010					0.010									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/16	0.016	0.016					0.016									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/18	0.001	0.001					0.001									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/19	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/22	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/26	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/28	0.005	0.005					0.005									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/29	0.006	0.006					0.006									
Pinus patula tecunumanii	Guatemala	San Jeronimo	12/85/31	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	San Vincente	42/83				10												
Pinus patula tecunumanii	Guatemala	San Vincente	42/83/106	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	San Vincente	42/83/195	0.003	0.003					0.003									
Pinus patula tecunumanii	Guatemala	San Vincente	42/83/83	0.002	0.002					0.002									

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus patula tecunumanii	Guatemala	San Vicente	42/83/85	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	San Vicente	42/83/87	0.002	0.002					0.002									
Pinus patula tecunumanii	Guatemala	San Vicente	42/83/90	0.003	0.003					0.003									
Pinus patula tecunumanii	Honduras	Culmi	6/83			56	1983												
Pinus patula tecunumanii	Honduras	Culmi	6/83/07	0.005	0.002					0.002									
Pinus patula tecunumanii	Honduras	Culmi	6/83/08	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	Culmi	6/83/11	0.007	0.004					0.004									
Pinus patula tecunumanii	Honduras	Culmi	6/83/20	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	Culmi	6/83/30	0.006	0.002					0.002									
Pinus patula tecunumanii	Honduras	Culmi	6/83/37	0.004	0.001					0.001									
Pinus patula tecunumanii	Honduras	Culmi	6/83/40	0.008	0.005					0.005									
Pinus patula tecunumanii	Honduras	Culmi	6/83/46	0.005	0.002					0.002									
Pinus patula tecunumanii	Honduras	Cusuco	25/81			25													
Pinus patula tecunumanii	Honduras	Cusuco	25/81/08		0.003					0.003									
Pinus patula tecunumanii	Honduras	Cusuco	50/85			16													
Pinus patula tecunumanii	Honduras	Cusuco	50/85/01	0.002	0.002					0.002									
Pinus patula tecunumanii	Honduras	Cusuco	50/85/02	0.004	0.004					0.004									
Pinus patula tecunumanii	Honduras	Cusuco	50/85/07	0.004	0.004					0.004									
Pinus patula tecunumanii	Honduras	Cusuco	50/85/11	0.002	0.002					0.002									
Pinus patula tecunumanii	Honduras	Cusuco	50/85/13	0.001	0.001					0.001									
Pinus patula tecunumanii	Honduras	Cusuco	50/85/16	0.001	0.001					0.001									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83			50													
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/02	0.008	0.005					0.005									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/03	0.007	0.004					0.004									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/16	0.005	0.002					0.002									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/19	0.004	0.002					0.002									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/20	0.008	0.008					0.008									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/22	0.008	0.008					0.008									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/25	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/27	0.010	0.009					0.009									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/31	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/33	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	Guajiquiro	4/83/48	0.005	0.002					0.002									
Pinus patula tecunumanii	Honduras	Jocon	10/85			40													
Pinus patula tecunumanii	Honduras	La Paz	3/83			40	1983												
Pinus patula tecunumanii	Honduras	La Paz	3/83/22	0.006	0.003					0.003									
Pinus patula tecunumanii	Honduras	La Paz	3/83/30	0.005	0.002					0.002									

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus patula tecunumanii	Honduras	La Paz	3/83/35	0.004	0.002					0.002									
Pinus patula tecunumanii	Honduras	La Paz	3/83/40	0.005	0.002					0.002									
Pinus patula tecunumanii	Honduras	Las Botijas	8/82			8													
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85			10													
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/03	0.006	0.006					0.006									
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/04	0.004	0.004					0.004									
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/06	0.005	0.005					0.005									
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/07	0.002	0.002					0.002									
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/08	0.002	0.002					0.002									
Pinus patula tecunumanii	Honduras	Montana Celaqu	54/85/09	0.005	0.005					0.005									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85			25													
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/08	0.003	0.003					0.003									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/16	0.001	0.001					0.001									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/20	0.002	0.002					0.002									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/21	0.003	0.003					0.003									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/23	0.003	0.003					0.003									
Pinus patula tecunumanii	Honduras	Montana Sumpu	53/85/24	0.001	0.001					0.001									
Pinus patula tecunumanii	Honduras	San Esteban	8/85			40													
Pinus patula tecunumanii	Honduras	San Francisco	9/85			30													
Pinus patula tecunumanii	Honduras	Siguatepeque	5/82			30													
Pinus patula tecunumanii	Honduras	Villa Santa	5/83			50	1983												
Pinus patula tecunumanii	Honduras	Villa Santa	5/83/24	0.006	0.004					0.004									
Pinus patula tecunumanii	Honduras	Villa Santa	5/83/43	0.006	0.005					0.005									
Pinus patula tecunumanii	Mexico	Jitotil	31/71	1.030	0.038			49000			0.038								
Pinus patula tecunumanii	Mexico	Juquila	15/85			23													
Pinus patula tecunumanii	Mexico	Juquila	15/85/15	0.003	0.003					0.003									
Pinus patula tecunumanii	Mexico	Juquila	15/85/16	0.003	0.003					0.003									
Pinus patula tecunumanii	Mexico	Juquila	15/85/17	0.002	0.002					0.002									
Pinus patula tecunumanii	Mexico	Juquila	15/85/19	0.009	0.009					0.009									
Pinus patula tecunumanii	Mexico	Juquila	15/85/21	0.008	0.008					0.008									
Pinus patula tecunumanii	Mexico	Las Piedrecitas	14/85			30													
Pinus patula tecunumanii	Mexico	Las Piedrecitas	14/85/18	0.009	0.009					0.009									
Pinus patula tecunumanii	Nicaragua	Apanti	32/85		10.171		2000	75%	75		9.123				1.000		0.030		
Pinus patula tecunumanii	Nicaragua	San Rafael	6/82			26		52000											
Pinus patula tecunumanii	Nicaragua	San Rafael	6/82/01	0.059	0.057		1993			0.057									
Pinus patula tecunumanii	Nicaragua	San Rafael	6/82/18	0.007	0.007					0.007									
Pinus patula tecunumanii	Nicaragua	San Rafael	6/82/22	0.055	0.054		1993			0.054									

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM	OFI	DFSC	CAMCO	China	CGFMe	Zim FC	Kew	Brazil	BIN	NOTES
Pinus patula tecunumanii	Nicaragua	San Rafael	6/82/24	0.102	0.098		1993			0.098									
Pinus patula tecunumanii	Nicaragua	San Rafael	66/83		0.099					0.099									
Pinus patula tecunumanii	Nicaragua	San Rafael	7/77	14.360	3.445		2000	79%	78		2.982				0.400		0.035		
Pinus patula tecunumanii	Nicaragua	Yucul	2/76	25.050	0.465		1996	65000			0.400				0.065				
Pinus patula tecunumanii	Nicaragua	Yucul	65/83		0.032					0.032									
Pinus sabiniana	USA	California, Eldor	31/80	1.050	0.670													0.670	
Pinus sabiniana	Unknown	Unknown	15/80	0.515	0.392													0.392	
Pinus taeda	Zimbabwe	JMFRS	18/88	0.248	0.170		1988	37000										0.170	
Pinus taeda	Zimbabwe	JMFRS	19/88	0.250	0.202		1988	29000										0.202	
Pinus taeda	Zimbabwe	JMFRS	20/88	0.249	0.203		1988	35000										0.203	
Pinus taeda	Zimbabwe	JMFRS	21/88	0.249	0.200		1988	22000										0.200	
Pinus taeda	Zimbabwe	JMFRS	22/88	0.249	0.154		1988	37000										0.154	
Pinus tropicalis	Cuba	Macurije La Mar	26/71	0.810	0.498		1993				0.300	0.198							
Pinus tropicalis	Cuba	Sabalo	25/71	0.885	0.372		1993				0.200	0.172							
								total weight, kg		0.9	108.8	64.0	9.8	8.2	1.5	0.5	0.9	137.0	
								no seedlots		153	113	61	113	13	3	1	28	101	

Details of broadleaf timber species seedlots distribution													
SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Bombacopsis quinatum	Colombia	Finca la Gloria	44/83		2.703		2000	2%				2.703	
Bombacopsis quinatum	Honduras	Choluteca	24/81		0.451	28	2000	45%		0.300	0.151		
Bombacopsis quinatum	Honduras	Choluteca	24/81/01	0.072	0.057						0.057		
Bombacopsis quinatum	Honduras	Choluteca	24/81/02	0.097	0.082						0.082		
Bombacopsis quinatum	Honduras	Choluteca	24/81/03	0.046	0.031						0.031		
Bombacopsis quinatum	Honduras	Choluteca	24/81/04	0.041	0.026						0.026		
Bombacopsis quinatum	Honduras	Choluteca	24/81/05	0.097	0.082						0.082		
Bombacopsis quinatum	Honduras	Choluteca	24/81/06	0.046	0.031						0.031		
Bombacopsis quinatum	Honduras	Choluteca	24/81/07	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/08	0.084	0.069						0.069		
Bombacopsis quinatum	Honduras	Choluteca	24/81/09	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/10	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/11	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/12	0.074	0.059						0.059		
Bombacopsis quinatum	Honduras	Choluteca	24/81/13	0.058	0.043						0.043		
Bombacopsis quinatum	Honduras	Choluteca	24/81/14	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/15	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/16	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/17	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/18	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/19	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/20	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/21	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/22	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/23	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/24	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/25	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/26	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/27	0.085	0.070						0.070		
Bombacopsis quinatum	Honduras	Choluteca	24/81/28	0.085	0.070						0.070		
Bombacopsis quinatum	Nicaragua	Tecolostote	28/83	1.860	1.134		2000	82%		0.634	0.500		
Cedrela angustifolia	Venezuela	El Vigia	16/80	6.480	0.458	18	2000	1%				0.458	1% germination 2000
Cedrela angustifolia	Venezuela	El Vigia	16/80/01	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/02	0.245	0.245							0.245	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Cedrela angustifolia	Venezuela	El Vigia	16/80/03	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/04	0.230	0.230							0.230	
Cedrela angustifolia	Venezuela	El Vigia	16/80/05	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/06	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/07	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/08	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/09	0.115	0.115							0.115	
Cedrela angustifolia	Venezuela	El Vigia	16/80/10	0.300	0.300							0.300	
Cedrela angustifolia	Venezuela	El Vigia	16/80/11	0.305	0.305							0.305	
Cedrela angustifolia	Venezuela	El Vigia	16/80/12	0.125	0.125							0.125	
Cedrela angustifolia	Venezuela	El Vigia	16/80/13	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/14	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/15	0.340	0.340							0.340	
Cedrela angustifolia	Venezuela	El Vigia	16/80/17	0.250	0.250							0.250	
Cedrela angustifolia	Venezuela	El Vigia	16/80/18	0.400	0.400							0.400	
Cedrela angustifolia	Venezuela	El Vigia	16/80/19	0.185	0.185							0.185	
Cedrela fissilis	Brazil	Campo Mourao	4/81	1.035	0.129			24000				0.129	
Cedrela fissilis	Brazil	Monte Alegre	8/81	1.920	0.663		2000	29000	6%			0.663	
Cedrela fissilis	Brazil	Salto Santiago	6/81	1.690	0.223			24000				0.223	
Cedrela fissilis	Brazil	Santa Cruz	7/81	2.780	0.593		2000	20000	6%			0.593	
Cedrela fissilis	Brazil	Unknown	30/80		0.460							0.460	
Cedrela fissilis	Brazil	Xanxere	5/81	1.935	0.164			30000				0.164	
Cedrela montana	Colombia	Las Salinas	18/80	0.105	0.021							0.021	
Cedrela odorata	Belize	San Antonio	23/77	22.750	0.498		2000	40000	30%			0.498	
Cedrela odorata	Belize	San Antonio	79/79	4.080	0.500			16000				0.500	
Cedrela odorata	Colombia	Acandi	21/81		0.500	1	1981					0.500	
Cedrela odorata	Colombia	Apartado	25/80	5.170	0.104		2000	81000	5%			0.104	
Cedrela odorata	Colombia	Granada Meta	20/81	1.630	0.500			15000				0.500	
Cedrela odorata	Colombia	Rio Atrato	84/79	0.285	0.093			42000				0.093	
Cedrela odorata	Costa Rica	Tabarcia	1/82	1.190	0.434			17000				0.434	
Cedrela odorata	Ecuador	Portoviejo	2/81	3.270	0.405			32000				0.405	
Cedrela odorata	Guatemala	Chitalon	42/79	12.760	0.500			44000				0.500	
Cedrela odorata	Guatemala	Chitalon	55/79	0.915	0.500		2000	65000	9%			0.500	
Cedrela odorata	Guatemala	Gualan	56/79	0.435	0.037		1979	69000				0.037	
Cedrela odorata	Honduras	Camelecon	52/79	5.200	0.500		1986	53100				0.500	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Cedrela odorata	Honduras	Copan	50/79	9.420	0.500			54000				0.500	
Cedrela odorata	Honduras	Coyote	51/79	6.300	0.500			51800				0.500	
Cedrela odorata	Honduras	Lancetilla	59/79	0.363	0.159		1979	68000				0.159	
Cedrela odorata	Honduras	Taulabe	53/79		0.500			44100				0.500	
Cedrela odorata	Honduras	Teupasente	4/72	3.100	0.500			30200				0.500	
Cedrela odorata	Mexico	Unknown	27/81			1	1981	16000					
Cedrela odorata	Nicaragua	Esteli	14/75	2.260	0.500		2000	41200	20%			0.500	
Cedrela odorata	Nicaragua	Esteli	15/75	6.970	0.500			25900				0.500	
Cedrela odorata	Nicaragua	Matagalpa	16/75	3.020	0.500			30200				0.500	
Cedrela odorata	Nicaragua	San Marcos	36/78	7.760	0.500		2000	52000	6%			0.500	
Cedrela odorata	Trinidad and	Toco	3/82		0.500		1986	34000				0.500	
Cedrela salvadorensis	Honduras	Comayagua	57/79		0.004		1979	6900				0.004	
Cordia alliodora	Colombia	Chinchina	34/78			16	1987	3200					
Cordia alliodora	Colombia	Chinchina	34/79/48	0.100	0.020			114400				0.020	
Cordia alliodora	Costa Rica	Esparza	28/86	0.512	0.298		1986	34000				0.298	
Cordia alliodora	Costa Rica	Pavones	135/94			15							
Cordia alliodora	Costa Rica	Pavones	135/94/01	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/02	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/03	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/04	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	135/94/05	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	135/94/06	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	135/94/07	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	135/94/08	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/09	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/10	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	135/94/11	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	135/94/12	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	135/94/13	0.004	0.004					0.004			
Cordia alliodora	Costa Rica	Pavones	135/94/14	0.004	0.004					0.004			
Cordia alliodora	Costa Rica	Pavones	136/94	0.100	0.100								
Cordia alliodora	Costa Rica	Pavones	130/94			183							
Cordia alliodora	Costa Rica	Pavones	130/94/02	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/03	0.003	0.003					0.003			
Cordia alliodora	Costa Rica	Pavones	130/94/04	0.019	0.019					0.019			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Cordia alliodora	Costa Rica	Pavones	130/94/05	0.010	0.010					0.010			
Cordia alliodora	Costa Rica	Pavones	130/94/06	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/09	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/100	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/101	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	130/94/11	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/110	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/114	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/117	0.008	0.008					0.008			
Cordia alliodora	Costa Rica	Pavones	130/94/130	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/133	0.010	0.010					0.010			
Cordia alliodora	Costa Rica	Pavones	130/94/142	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/148	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/149	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/15	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/153	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	130/94/155	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/162	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/167	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/17	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/175	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/18	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/181	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	130/94/20	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/202	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/209	0.011	0.011					0.011			
Cordia alliodora	Costa Rica	Pavones	130/94/23	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/26	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/27	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/30	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/31	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/33	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/39	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/40	0.002	0.002					0.002			
Cordia alliodora	Costa Rica	Pavones	130/94/41	0.012	0.012					0.012			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Cordia alliodora	Costa Rica	Pavones	130/94/42	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/44	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/45	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/46	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	130/94/47	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/49	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/51	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/52	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/53	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/55	0.004	0.004					0.004			
Cordia alliodora	Costa Rica	Pavones	130/94/59	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/61	0.012	0.012					0.012			
Cordia alliodora	Costa Rica	Pavones	130/94/62	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/63	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/66	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/68	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	130/94/74	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/76	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/80	0.005	0.005					0.005			
Cordia alliodora	Costa Rica	Pavones	130/94/84	0.004	0.004					0.004			
Cordia alliodora	Costa Rica	Pavones	130/94/87	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/88	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/89	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/92	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	130/94/97	0.013	0.013					0.013			
Cordia alliodora	Costa Rica	Pavones	130/94/98	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94			35							
Cordia alliodora	Costa Rica	Pavones	131/94/03	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/07	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/10	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/107	0.005	0.005					0.005			
Cordia alliodora	Costa Rica	Pavones	131/94/111	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/115	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/12	0.002	0.002					0.002			
Cordia alliodora	Costa Rica	Pavones	131/94/120	0.006	0.006					0.006			

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
Cordia alliodora	Costa Rica	Pavones	131/94/13	0.008	0.008					0.008			
Cordia alliodora	Costa Rica	Pavones	131/94/136	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/152	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/161	0.002	0.002					0.002			
Cordia alliodora	Costa Rica	Pavones	131/94/164	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/169	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/179	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/180	0.008	0.008					0.008			
Cordia alliodora	Costa Rica	Pavones	131/94/183	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/192	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/1High	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/1Low	0.005	0.005					0.005			
Cordia alliodora	Costa Rica	Pavones	131/94/1Medium	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/201	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/203	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/205	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/206	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/207	0.003	0.003					0.003			
Cordia alliodora	Costa Rica	Pavones	131/94/208	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	131/94/210	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/216	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/217	0.002	0.002					0.002			
Cordia alliodora	Costa Rica	Pavones	131/94/54	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/67	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	131/94/71	0.003	0.003					0.003			
Cordia alliodora	Costa Rica	Pavones	131/94/78	0.005	0.005					0.005			
Cordia alliodora	Costa Rica	Pavones	131/94/79	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	132/94	0.006	0.006					0.006			
Cordia alliodora	Costa Rica	Pavones	133/94	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	Pavones	134/94	0.007	0.007					0.007			
Cordia alliodora	Costa Rica	San Carlos	29/86	0.500	0.009		2000	62000	zero			0.009	
Cordia alliodora	Costa Rica	Talamanca	30/86	0.495	0.420		1986	4500				0.420	
Cordia alliodora	Costa Rica	Talamanca	79/87	0.500	0.237		2000	64000	1%			0.237	
Cordia alliodora	Costa Rica	Turrialba	31/86	0.505	0.011		1986	29000				0.011	
Cordia alliodora	Fiji	Nukurua 4	13/78	3.570	0.450		1986	56000				0.450	

SPECIES	COUNTRY	PROVENANCE	SEEDLOT	INIT	CURR	SIBS	TEST	VIABLE	GERM%	OXFORD	CAMCORE	BIN	NOTES
<i>Cordia alliodora</i>	Guatemala	Finca El Chilerc	10/77	8.330	0.452			56000		0.452			
<i>Cordia alliodora</i>	Guatemala	Retalhuleu	30/78	2.800	0.143		2000	72000	45%	0.143			
<i>Cordia alliodora</i>	Honduras	Finca La Fortun	19/77	10.100	0.440		2000	68000	34%	0.440			
<i>Cordia alliodora</i>	Honduras	Finca La Fortun	54/78	8.000	0.384		1986	67000		0.384			
<i>Cordia alliodora</i>	Honduras	San Francisco	20/77	9.750	1.040			55000		1.040			
<i>Cordia alliodora</i>	Honduras	San Francisco	55/78	5.000	2.870		2000	75000	58%	2.870			
<i>Cordia alliodora</i>	Honduras	Tres Piedras	9/77	8.840	0.477		1979	66000		0.477			
<i>Cordia alliodora</i>	Ivory Coast	Yapo	37/87	0.300	0.111		1987	7700				0.111	
<i>Cordia alliodora</i>	Nicaragua	Esteli	14/77	9.710	0.510		1977	45000				0.510	
<i>Cordia alliodora</i>	Nicaragua	Esteli	22/78	6.840	0.456		2000	63000	55%	0.456			
<i>Cordia alliodora</i>	Nicaragua	Finca La Pineda	18/77	8.420	0.352			46000		0.352			
<i>Cordia alliodora</i>	Puerto Rico	Rio Canas	17/78		0.049			36000				0.049	
<i>Cordia alliodora</i>	Puerto Rico	Sabana Hoyas	16/78		0.014		1986	35000				0.014	
<i>Cordia gerascanthus</i>	Nicaragua	Waswali	16/77	4.050	2.240		1986	21000				2.240	
<i>Swietenia humilis</i>	Honduras	Comayagua	27/83	8.440	4.829		1984	500				4.829	
<i>Toona australis</i>	Australia	Plath Road Upp	13/96	0.012	0.007		1996			0.007			
<i>Toona ciliata australis</i>	Australia	Danbulla	25/86	0.485	0.078			117000				0.078	
								total weight, kg		8.428	2.461	28.42	
								no seedlots		129	30	64	

Annex 8 Legend to seed lot tables by column

SEEDLOT	Unique seed lot identifier (seedlot in that year/year of collection)
INIT	initial weight (in kg) when collection first made
CURR	current weight (in kg) available at time of rationalisation
SN	Seed No-used for small seedlots, where SN column has *, instead of a weight in weight column, # in that column is # of seeds
SIBS	number of individual tree seed lots associated with this provenance seed lot
TEST	year of test
VIABLE	# of viable seed per kg
GERM%	% germination
Brasil	Dr Weber Amaral, IPGRI, University of Piracicaba, Sao Paulo, Brazil
CAMCORE	Central America and Mexico Coniferous Resources Cooperative, USA.
CGFM	Centro Genetico Forestal, Chapingo, Mexico
China	Chinese Forestry Academy
CWF	Dr Chris Fagg
DFSC	Danish Forest Seed Centre
ICRAF	World Agroforestry Centre, Kenya
Kew	Millennium seed bank, long term <i>ex situ</i> conservation
OTHER	Distribution to an organisation/individual detailed in notes column
OXFORD	Oxford Forestry Institute, Department of Plant Sciences, University of Oxford
QFRI	Queensland Forestry Research Institute, Australia.
READING	Dr Julie Hawkins, University of Reading
ZimFC	Zimbabwe Forests Commission
BIN	Seed lot destroyed – due to e.g. low germination