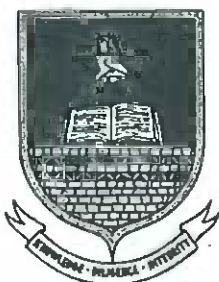




University of
Zimbabwe



**Crop Post-Harvest
Research Programme
Zimbabwe**

Resource List (January 1998)

Resource List (January 1998)

Compiled by

Musambasi D., Munguri W. and Mhunduru J.

Plant Protection Research Institute, DR & SS, Harare



January 1998
Project A0549

AGRICULTURAL RESEARCH

Benynon J. (1996). *Financing agricultural research and extension for smallholder farmers in Sub-Saharan Africa*. ODI Natural Resources Perspective. pp. 1-4.

DR&SS, (1993). The researcher. Newsletter of the Department of Research and Specialist Services. Vol. 1. 5 pp.

DR&SS, (1995). The researcher. Newsletter of the Department of research and Specialist Services. Vol. 4. 11 pp.

Fanibidzanai Permaculture Centre. (1996) Courses Brochure.

Ghana MoFA/UK ODA. (1996). LGB Project. *The project approach to research: Summary points from a talk given at the workshop on the Larger Grain Borer (LGB)*, GIMPA, 20 March 1996. 4 pp.

Maize- Determination of moisture content (on milled grains and on whole grains) International standard ISO 6540-1980(E)

Natural Farming Network of Zimbabwe (NFN) Brochure.

Nyoni J.M. and Associates. [PVT] LTD. Zimbabwe Grain Marketing Reform Research Project. Task A6/P10. Formation of the Small-scale Millers Association.

ODA. *A report on the ODA's Renewable Natural Resources Research Strategy*. Natural Resource Research Working for Development

PELUM, (1995). A regional association supporting PELUM training in east and southern Africa.

Spurling A., Pee T.Y., Mkamanga G, and Nkwanyana C. (1992). *Agricultural research in southern Africa: a framework for action*. World Bank discussion papers. Africa Technical Department series. Washington, D.C. 20433, U.S.A. PP 61 pp.

Stringfellow R., Coulter J., Lucey T., Mckone C. and Hussain A. (1997). *Improving the access of smallholders to agricultural services in sub-Saharan Africa: Farmer cooperation and the role of the donor community*. ODI, Natural Resource perspectives. Number 20. Pp. 1-4.

Tattersfield J. R., (1992). The role of research in increasing food crop potential in Zimbabwe. *The Zimbabwe Science News* volume 16(1): 6-24.

Zimbabwe Institute of Permaculture (ZIP) Brochure.

AGRICULTURAL SECTOR: ZIMBABWE/GENERAL

Ahmed M.M., Rohrbach D.D., Gono L.T., Mazhangara E.P., Mugwira L., Masendeke D.D. and Alibaba S., (1997). *Soil Fertility Management in Communal Areas of Zimbabwe: Current Practices, Constraints, and Opportunities for Change. Results of a Diagnostic Survey*. Working Paper No. 6. 27pp.

Cardwell K.F. Conference Report. International Institute of Tropical Agriculture (IITA).

Compton J. (1997). 74a. *Managing applied research: Experiences from a post-harvest pest control project in Ghana*. AgREN Network Paper No.74. 39 pp.

Ministry of Agriculture (1996). Proceedings of the Second Agricultural Sector Investment Workshop held at the Holiday Inn Crowne Plaza Monomotapa Hotel, Harare, 31 October 1996. 57 pp.

Ministry of Agriculture Zimbabwe (1995). *The Department of Research and Specialist Services. Devoted to Research and services for sustainable Agriculture.* Brochure. 17 pp.

Ministry of Lands, Agriculture and Water Development (1994). *The Agricultural Policy of Zimbabwe under the Economic Reform.* Agricultural Policy Statements issued by the Minister of Lands, Agriculture and Water Development 1991-1993 62 pp.

Ministry of Lands, Agriculture and Water Development, (1994). *The Agricultural Policy of Zimbabwe under the Economic Reform.* Agricultural Policy Statements issued by the Minister of Lands, Agriculture and Water Development 1991-1993 62 pp.

Norman D. (1995). *Policy statement for the 1995/96 Agricultural Production Year.* Ministry of Agriculture, Government of the Republic of Zimbabwe 14pp.

Statistical Bulletin (1997). *The Agricultural sector of Zimbabwe.* Economics Division, Ministry of Agriculture, Government of Zimbabwe 100 pp.

Van den Ban A.W. and Hawkins H.S. *Agricultural Extension.* Second Edition. Blackwell Science.

Waughhray D. (1996). *Community Research Management and Livelihood Strategies: Phase 1.* Presented at the CRMLS Phase 1 meeting, IH Wallingford, 9 December 1996.

Zimbabwe Framers Union/Friedrich Ebert Foundation (1994). *The future of smallholder farming under ESAP.* Proceedings of a conference held at Kadoma Ranch Motel, November 2-3 1994 63 pp.

BOOKS/BOOKLETS

Appert J. (1987). *The storage of food grains and seeds.* The Tropical Agriculturalist. CTA/MACMILLAN. 146 pp.

Blowfield M. and Donaldson T. (1994). *Cattle and cribs: Grain Storage and Production amongst Pastoralists in Ethiopia and Nigeria.* Pastoral Development Network. ODI Network Paper 37c. 21 pp.

Bonte-Friedheim C. and Sheridan K. (eds.) (1996). *The Globalisation of Science: The Place of Agricultural Research.* ISNAR. 154 pp.

Bunders J.F.G. (ed.), (1990). *Biotechnology for small-scale farmers in developing countries: Analysis and Assessment Procedures.* VU University Press, Amsterdam. 232 pp.

Bunders J. F. G. and Broerse J.E.W. (eds.), (1991) *Appropriate biotechnology in small-scale agriculture: How to reorient research and development.* C.A.B International, UK. 153 pp.

Brouwer H., Stokhof E.M. and Bunders J.F.G. (1992). *Biotechnology and farmer's rights: Opportunities and threats for small-scale farmers in developing countries.* VU University Press, Amsterdam. 119 pp.

CSO, (1994). *Census 1992. Provincial profile- Manicaland.* Government Printer, Harare, Zimbabwe. 147 pp.

CSO, (1995). *Quarterly Digest of Statistics.* Government Printer, Harare, Zimbabwe. 74 pp.

Elwell H. and Maas A., (1995). *Natural Pest & Disease Control.* Natural Farming Network, Harare, Zimbabwe. 128 pp.

Fanshawe D.B., (1972). *Useful Trees of Zambia for the Agriculturalist.* Ministry of Lands and Natural Resources. Government Printer, Lusaka, Zambia. 126 pp.

Galaty J.G., Aronson D., Salzman P.C. and Chouinard A. (eds.), (1981). *The future of pastoral people: Proceedings of a Conference held in Nairobi, Kenya, 4-8 August 1980.* Ottawa Ont., IDRC. 395 pp.

- Gilling J. and Cropley J.P. (1993). *Needs assessment for agricultural development: Practical issues in informal data collection*. NRI Socio-economics Series I. Chatham, UK: Natural Resources Institute. 24 pp.
- Gordon A., (1997). *Strengthening Research Linkages with Agricultural Markets in sub-Saharan Africa*. Draft Report. 54 pp.
- Hay R., Dendy D.A.V., Martin A.M.S. and Witcombe J.R. (1991). *Report on a visit to Namibia to carry out a feasibility study of the production and marketing of pearl millet and its products*. Project T0321. 14 July-5 August 1991. NRI, UK. 94 pp.
- Heidhues F. and Knerr B., (Eds.) (1994). *Food and Agricultural Policies under Structural Adjustment*. Proceedings of the 29th Seminar of the European Association of Agricultural Economists (EAAE). Peter Lang GmbH. 576 pp.
- Henderson S., Kleih U. and Gough M.C. (1995). *Guidelines for extension organisations involved in assessment of improved storage practice*. Project A0265/R5105. NRI, Chatham Maritime, UK. 29 pp.
- ICRISAT, (1996). *ICRISAT Southern and Eastern Africa Region. Highlights*. ICRISAT, Bulawayo, Zimbabwe. 67 pp.
- Jay A. (1972). *Effective presentation: The communication of ideas by words and visual aids*. British Institute of Management, London. 113pp.
- Kerven C., (1992). *Customary Commerce: A historical reassessment of pastoral livestock marketing in Africa*. ODI. 119 pp.
- Mead R., (1996). *Biometrics Guidelines for RNRRS Projects*. The University of Reading Statistical Services Centre. 10 pp.
- Ministry of Foreign Affairs/Danida (1995). *Zimbabwe: Strategy for Danish-Zimbabwe Development Cooperation*. Department of Information, Ministry of Foreign Affairs, Copenhagen, Denmark. 38 pp.
- Moeller O. (1997). *Farmers' tools. A description of agricultural tools used by farmer in the east and southern African region*. FAO/Farmesa, Harare, Zimbabwe. 115 pp.
- Mudhara M., Anandajayasekeram, P., Kupfuma, B. and Mazhangara, E., 1995. *Impact assessment of Cotton Research and the Enabling environment in Zimbabwe, 1970-1995*. SADC/SACCAR. 88 pp.
- Mudhara, M., Anandajayasekeram P., Martella D., Mazhangara E. and Murata M., (1995). *Impact assessment of Soybean Research and the Enabling environment in Zimbabwe: 1965-2000*. SADC/SACCAR. 85 pp.
- Mudimu G.D and Bernsten R.H. (eds.), (1989). *Household and National Food Security in Southern Africa*. Proceedings of the Fourth Annual Conference on Food Security Research in Southern Africa, October 31- November 3, 1988. University of Zimbabwe/Michigan State University Food Security Research Project. Department of Agricultural Economics and Extension, Harare. 401 pp.
- Nabasa J., Rutwara G., Walker F. and Were C. (1995). *Participatory Rural Appraisal: Principles and Practicalities*. Chatham, U.K.: Natural Resources Institute. 52 pp.
- Nicol K., Darko J.O. and Oforu A. (eds.), (1997). *A Manual of Post-Harvest Technology of Major Food Crops in Ghana*. Post-harvest Development Unit, Agricultural Engineering Services Department, Ministry of Food and Agriculture, Accra, Ghana. 89 pp.
- NRI A0566, (1995). Project title: *Improved Design of Indigenous stores – including minimising the use of hardwood resources*. Overseas Development Administration Strategy for Research on Renewable Natural Resources. Research and Development Funding Application and Project Memorandum Form. 25 pp.

NRI A0549, (1995). Project title: *The Identification and Development of CPH Research Activities in Southern Africa*. Overseas Development Administration Strategy for Research on Renewable Natural Resources. Research and Development Funding Application and Project Memorandum Form. 28 pp.

ODA,(1995). *Renewable Natural Resources Research Strategy 1995-2005*. ODA. 23 pp.

ODA, (1996). *Natural Resources Systems Programme Annual Report 1995. Renewable Natural Resources Research Strategy*. Overseas Development Administration. 72 pp.

ODA. 'Making a Difference.' *Natural Resources Research Working for Development. A Report on the ODA's Renewable Natural Resources Research Strategy*. Overseas Development Administration, 94 Victoria Street, London. 72 pp.

Odamtten G.T. and Clerk G.C. (eds.) (1996). *Mitigation of Stackburn in Woven Polypropylene Bag-Stack Maize Grains for Improved Food Security in Sub-Saharan Africa*. Proceedings of the European Union Project on Stackburn of Maize in Commercial Storage. University of Ghana, 30th October-3rd November 1995 organised by The Department of Botany, University of Ghana, Legon. European Union, Brussels. 91 pp.

Okali C. and Locke C. (1996). *Proposal to Develop an Approach for Analysing Changing Gender Relations for Monitoring and Evaluation in the Renewable Natural Resource Sector*. Draft for Discussion. Natural Resources System Programme. The School of Development Studies, University of East Anglia, Norwich. 34 pp.

Pastoral Development Network, (1994). A Collection of Papers on World Bank Involvement in Pastoral Development. Network paper 36b. 30 pp.

PPRI, (1991). *Annual report 1986-87*. DR&SS Information services. Government Printer, Harare, Zimbabwe. 192pp.

PPRI, (1990). *Annual report 1987-88*. DR&SS Information services. Government Printer, Harare, Zimbabwe. 164 pp.

Pretty J.N., Guijt I., Thompson J. and Scoones I. (1995). *Participatory Learning & Action- A trainer's Guide*. IIED Participatory Methodology Series. 267 pp.

Rees D.P. and Dales M.J. *Alternative methods for the control of Stored-Product Pests: A bibliographic database*. NRI, Chatham, Maritime, UK. 140 pp.

Rukuni M. and Wyckoff J.B. (1991). *Market Reforms, Research Policies and SADCC Food Security*. Proceedings of the Sixth Annual Conference of Food Security Research in Southern Africa, November 12-24, 1990. University of Zimbabwe/Michigan State University Food Security Research In Southern Africa Project, Department of Agricultural Economics and Extension, University of Zimbabwe, Harare, Zimbabwe. 294 pp.

Rukuni M., Mudimu G. and Jayne T.S. (eds.) (1990.) *Food Security Policies in the SADCC Region*. Proceedings of the Fifth Annual Conference on Food Security Research in Southern Africa, October 16-18, 1989. University of Zimbabwe/Michigan State University Food Security Research In Southern Africa Project, Department of Agricultural Economics and Extension, University of Zimbabwe, Harare, Zimbabwe. 265 pp.

Simalenga T.E., and Jassey K. (1996). *Processing Vegetable Oil: A reference manual on oil-seed production and processing using a ram press*. AGROTEC/FARMESA, Harare, Zimbabwe.

Toulmin C. (1995). *The Convention to Combat Desertification: Guidelines for NGO Activity*. Drylands Programme Issue Paper No. 56. International Institute for Environment and Development/ODA. 24 pp.

Tropical Stored Products Centre, (1979). *Food storage: Handbook on good storage practice*. World Food Programme, Rome, Italy. 58 pp.

Tyler P.S., (1978). *Government of Botswana handbook of Crop Storage and Marketing*. Ministry of Agriculture, Government of Botswana. 44 p.

Tyler P.S., Walker D.J. and Donaldson T.J. (1994). *Management of Drought-Relief Maize: Technical problems encountered in Southern Africa during the 1992/93-food aid operation*. Natural Resources Institute/ ODA. 35 pp.

UZ/MSU Food Security Project (1991). *Toward an Integrated National Food Policy Strategy: Proceedings of the Second National Consultative Workshop on Integrating Food, Nutrition and Agricultural Policy*. Troutbeck Inn, Nyanga, June 10-12. 114 pp.

Van den Akker S. and Giga D., (1992). *Manual on Food Grain Post-Production Technologies and Practices for Smallholders in Zimbabwe*. FAO/UNDP/AGRITEX Project Zim/88/018: Improving the Post-Harvest Practices of Small Farmers.

Walker D.J. (ed.), (1992). *Food Storage Manual*. World Food Programme/ Natural Resources Institute. 180 pp.

Whingwiri E.E., Mashingaidze K. and Rukuni M. (eds.), (1992). *Small-Scale Agriculture in Zimbabwe*. Book Two. Field Crop Production. Rockwood Publishers, Harare, Zimbabwe. 193 pp.

Whingwiri E.E., Rukuni M., Mashingaidze K. and Matanyaire C.M. (eds.), (1992). *Small-Scale Agriculture in Zimbabwe*. Book One. Farming Systems, Policy and Infrastructural Development. Rockwood Publishers, Harare, Zimbabwe. 120 pp.

World Grain, (1997). *The International Magazine of Grain, Flour and Feed (July 1997)*. 50 pp.

World Grain, (1997). *The International Magazine of Grain, Flour and Feed (August 1997)*. 50 pp.

Wright M., (1996). *Researchable constraints in the seed sector in developing countries*. Prepared for the ODA supported Crop Post-Harvest Programme). NRI, Chatham Maritime, UK. 75 pp.

Wyckoff J.B. and Rukuni M. (1991). *Food Security in Southern Africa: Policy Implications*. Proceedings of the Sixth Annual Conference of Food Security Research in Southern Africa, October 28-30, 1991. University of Zimbabwe/Michigan State University Food Security Research In Southern Africa Project, Department of Agricultural Economics and Extension, University of Zimbabwe, Harare, Zimbabwe. 339 pp.

ZFU. Zimbabwe Farmers Union's Organisational Manual.

CHIVI DISTRICT

Central Statistical Office (1993). *Census 1992, Provincial Profile: Masvingo*. Government Printer, Harare, Zimbabwe. 139 pp.

Hagmann J, Chuma E and Murwira K., (1995). *Kukuraya (Let's try!): Reviving farmers' knowledge and confidence through experimentation*.

Southern Africa Crop Post Harvest Research - Zimbabwe Program. Baseline data – Chivi District, Masvingo Province.

EARLY WARNING/DROUGHT MANAGEMENT.

Agriculture and Environment Division (World Bank). (1995). *Southern Africa 1995: Drought vulnerability, drought mitigation and long-term development strategies*. Southern Africa Department, World Bank 16 pp

Agromet, (1997). *Assessment of crop growing conditions, 21-31 January 1997*. Agromet update. SADC Regional and National Early Warning Systems in collaboration with Drought Monitoring Centre (Harare) SADC regional Remote Sensing For Early Warning Unit pp 1-2.

Dent J.B. (1995). *An integrated model of the food system in a region of Zimbabwe*: Scientific Progress Report by the co-ordinator (University of Edinburgh) for period 1 February 1993 – 31 January 1995. Science and Technology for Developing Countries Program – Contract TS3*Ct92-0048 pp 1-5.

Earl J. and Moseley W. (1996). *Risk Map report: Preliminary Results (draft)*. Save the Children Fund (UK) pp 1-103.

ODI (1994). *Evaluation of ODA's response to the Southern African Drought Volume 2 (draft)*. Overseas Development Institute, London, UK. 81pp.

Regional Remote Sensing project GCPS/RAF/296/NET: (1996). Remote Sensing Component of the Early Warning Systems in SADC Countries. *Remote Sensing for Early Warning in SADC*: Monthly Bulletin 03/96 and 02/96.

SADC Regional Early Warning Unit (1995). *1994/95 cropping season's maize harvests prospects and projected import requirements for the 1995/96 marketing year*. SADC Regional Early Warning System.

SADC Regional Remote Sensing Project (1996). *Growing season status*. SADC Regional Remote Sensing Project Issue pp 1-7. Supported by FAO Project GCPS/Raf/296/NET.

Save the Children Fund (UK), (1996). *RiskMap: SCF's software program for mapping vulnerability to hunger. Risk-Mapping Project Phase III 1995-96*. Save the Children (UK) pp 1-2.

Save the Children Fund (UK), (1996). *Does RiskMap work? An overview of recent experience*. Risk-Mapping Working Paper pp 1-25.

Seaman J. (1996). *How RiskMap Works*. Risk-Mapping Project, Save the Children Fund (UK) pp 1-8.

Southern Africa Department (World Bank), (1995). *1995 drought impact and implications for Southern Africa: a preliminary assessment*. Inter-agency meeting on the 1995 drought in Southern Africa, March 13, 1995, Paris, France pp 1-7.

Southern Africa Department, (1995). *FAO evaluation of the 1994/95 crop season in Southern Africa*. World Bank meeting to review drought in Southern Africa, 13 March 1995, Paris, France, pp 1-12.

Southern Africa Department (World Bank) (1995). *Report of Proceedings*. Inter – agency meeting on drought in Southern Africa, March 13 1995. Paris, France pp 1-4.

Tschirley D.L., Donovan C., Benfica R., Varela R.J. and Weber M.T. *Food aid, food markets, and food security: Guidelines for the design of market-friendly food aid programs (concept paper)*. 12 pp.

Young H. and Jaspars S. (1992). *Nutritional surveillance help or hindrance in times of famine?* Paper for discussion at a workshop at the Institute for Developmental Studies. 81 pp.

Vaze P., Kundhlande S., Wright J. and Gundry S., (1996). A spatial analysis of household grain purchases in Zimbabwe's liberalized marketing system. *Outlook on Agriculture* 25 (1): 37-42.

USAID FEWS Project (1996). *Zimbabwe Vulnerability Assessment (VA) 1996/97 (draft)*. Famine Early Warning System/Southern Africa Office, Harare, Zimbabwe pp 1-47.

FARMER ORGANISATIONS.

Araniz E.O., Merrill-Sands D.M. and Mukwende B. (1995). *The Zimbabwe Farmers' Union: Its current and potential role in technology development and transfer*. ODI Agricultural Research and Extension Network. 36 pp.

Stringfellow R. and McKone C. (1996). *The provision of agricultural services through self-help in Sub-Saharan Africa: Zimbabwe Case Study*. Overseas Development Administration Policy Research Program Project R6117Ca. Natural Resources Institute Plunkett Foundation. 50 pp.

Vukasin H. (1992). *Summary of Report on the follow-up survey of "We carry a heavy load" Rural Women in Zimbabwe Speak Out*. Part II 1981-1991. Zimbabwe Women's Bureau Harare, Zimbabwe 50 pp.

Vukasin H. (1994). *"We carry a heavy load" Part II 1981-91 Supplement*. Edited by F. Chitongo. Zimbabwe Women's Bureau, Harare, Zimbabwe. 49 pp.

Zinyama L.M. *Local farmer organizations and rural development in Zimbabwe. Development from within local farmer organizations*. pp. 33-57.

FOOD SECURITY

Chipika S. (1995). *Economic reform and small-scale enterprises in Zimbabwe: An indigenous enterprises empowerment strategy*. Intermediate Technology Development Group (ITDG), Zimbabwe. 40 pp.

Cutler P. (1986). *Food security in nine African countries: Botswana, Ethiopia, Ghana, Kenya, Mali, Sudan, Tanzania, Zambia and Zimbabwe*. Overseas Development Administration, London UK pp 102-109.

Desmet A. (1996). *Co-ordinated campaign 'A square deal for Africa'. Food Security in Uganda: Key issues on policy recommendations for Belgian and European policy makers*. COOPIBO-Uganda. 50 pp

Donaldson T.J., Marange T., Mutikani V., Mvumi B., Nenguwo N., Scarborough V. and Turner A.D. *Household food security study: Rapid Appraisal of villages in Three Communal Lands of Zimbabwe*. Project No. A0441.

Report R2315(S): Natural Resources Institute, Chatham, UK.

ESCOR R4685: *Livelihoods, food security and nutrition in a drought prone part of Zimbabwe*. Comments on final report, abstract and summary report. 4 pp.

Gakonyo Njeri. (1996). *Household Food Security in Zimbabwe: A Pictorial Literature Review*.

ICRISAT (1997) *Shaping a food secure future. ICRISAT's Medium -Term Plan: 1998-2000*. ICRISAT Patancheru 502 324, Andhra Pradesh, India. 17 pp.

ICRISAT. *This is ICRISAT*. (brochure)

Jackson J.C. and Collier P., (1988). *Incomes, poverty and food security in the communal lands of Zimbabwe*. RUP Occasional Paper No. 11. 45 pp.

Kok E.M. *Increased food production through low-cost crop technology – production and marketing of seed for the small-scale farming sector*. pp 471-474.

Mukherjee N. (1994). Rural women and food insecurity: What a food calendar reveals. *Economic and Political Weekly* pp 597-599.

Turner A.D. NRI Survey – Literature Review. Subject: Grain Storage (Surveys). Draft Paper.

UZ/MSU Food Security Project, (1990). *Proceedings of the First National Consultative Workshop on Integrating Food, Nutrition and Agricultural*. Montclair Hotel, Juliasdale, July 15-18.

Van der Geest W. (1991). *Food security: The cereal marketing policy model*. Food Studies Group, Working Paper No. 3 20 pp.

van Braun J., McComb J., Fred-Mensah B.K. and Pandya-Lorch R. (1993). Urban Food insecurity and malnutrition in developing countries: Trends, policies and research implications. *International Food Policy Research Institute*, Washington D.C., USA. 40 pp.

GRAIN STORAGE

Adams J.M. (1977). A review of the literature concerning losses in stored cereals and pulses published since 1964. *Tropical Science* 19 (1): 1-28.

Agritex, (1996). *On-farm demonstrations of proper grain handling, treatment and storage at smallholder level*. Project proposal. Institute of Agricultural Engineering, Ministry of Agriculture, Zimbabwe, pp 1-12.

Annual Report on ECDGXII Project, (1994). *Investigation on stackburn in national stocks of stored maize in Subsaharan Africa and its association with increased levels of insect infestation and the introduction of woven polypropylene sacks*. Contract TS3* - CT92-0097, 87 pp.

Bratton M. (1985). Fertilizer packages, maize yields and economic returns: An evaluation in Wedza Communal Land. *Zimbabwe Agricultural Journal* 82 (1): 1-8.

CFU and ZNFU, (1988). *Proposals for a national grain strategy*. National maize policy seminar held at Trout back Inn, Nyanga on 17-18 June 1988, and pp 1-59.

Chinwada P. (unpublished). *The importance of bean bruchids in small farmer bean storage systems in Zimbabwe: Results of questionnaire surveys*. Plant Protection Research Institute, Department of Research and Specialist Services, Ministry of Agriculture, Harare, Zimbabwe, pp 1-8.

Compton J.A.F., Wright M., Gay C. and Stabrawa A. (1992). *A rapid method for loss assessment in stored maize and dried cassava*. Interim report for Project R5103, Natural Resource Institute, Central Avenue, United Kingdom, pp 1-26.

Compton J.A.F., Magrath P.M., Motte F.F., Gbedevi S.R., Addo S., Ofori A., Boxall R.A. and Semakor S.K. (1995). *The role of maize traders in developing and promoting new maize storage technology in Eastern Ghana*. African Association of Insect Scientists, 11th Meeting, 6-11 august 1995, Yamoussoukro, pp 1-9.

Coyne F.P., (1971). Improving the protection of stored maize from insect attack on small farms in Kenya. *International Pest Control, May/June 1971*, pp 8-13.

Giga D.P. and Katerere Y. (1986). *Rural grain storage in Zimbabwe: Problems, Loss Assessment and Prevention*. Environment and Development Activities (ENDA) Zimbabwe and Department of Crop Science, University of Zimbabwe, 96 pp.

House L.R. and Obilana A.B. *Development of varieties for small farming conditions – Sorghum*, pp 450-452.

Jiriyengwa S.J. *A review of the Bulk Storage Programme*. A discussion paper for a seminar on Bulk Silo Development, Grain Marketing Board, Harare, Zimbabwe, and pp 1-7.

Magrath P., Compton J., Ofori A. and Motte F. (1977). *Cost-benefit analysis of client participation in agricultural research: A case study from Ghana*. The Agricultural Research and Extension Network (AgREN), Network Paper No. 74, pp 19-39.

Mataruka D.F. (1985). Review of the constraints to maize production in the communal areas in Natural Regions III, IV and V. *Zimbabwe Agricultural Journal* 82 (5): 171-175.

Mugabe N. *The development, diffusion and consequences of hybrid maize varieties in Zimbabwe*. pp 1-9.

Mvumi B.M., Giga D.P. and Chiuswa D.V. (1995). The maize (*Zea mays* L.) post-production practices of smallholder farmers in Zimbabwe: findings from surveys. *Journal of Applied Science in Southern Africa*, Vol. 1 (2): 115-130.

Olver R.C. (1986). The Zimbabwe maize breeding programme. In: *To feed ourselves: a proceedings of the first eastern, central and southern Africa regional maize workshop*, Lusaka, Zambia, March 10-17, 1985. Pp. 138-142.

Olver R.C. (1987). Development of maize varieties for small-scale farming conditions in Zimbabwe. In Holmes, J.C. (ed.) *Improving food crop production on small farms in Africa*. pp 439-443.

Plant Protection News Bulletin .199 .No 48. Agriculture Research council. *A welcome alternative to pesticides*. pp.6-9.

Republic of Zimbabwe and Danish International Development Agency (1986). *Grain silo complexes in Communal Areas*, 36 pp.

Stanning J. (1989). Smallholder maize production and sales in Zimbabwe: Some distribution aspects. *Food Policy August 1989*, 14 (3): 260-267.

Tshuma J. (1989). *A national survey on grain storage practices in Zimbabwe*. Plant Protection Research Institute, Department of Research and Specialist Services, Ministry of Lands, Agriculture and Water Development, Harare, Zimbabwe, 20 pp.

Whigwiri E.E. and Haralwa G. (1985). Maize varieties for the low-yielding environments in Zimbabwe. *Zimbabwe Agricultural Journal* 82 (1): 29-30.

Wright M.A.P. (1995). Loss assessment methods for durable stored products in the tropics: appropriateness and outstanding needs. *Tropical Science*, 35: 171-185.

HORTICULTURE

Abbott R.D., Clarke CJ, Mushipe A.T, and Maramba P. (1995). *Zimbabwe Horticultural Sector: Assessment and Analysis of Programming Options*. Final Report. Abt Associates Inc. 104 pp.

Agricultural and Rural Development Authority *Annual Report 1993/94. Mashonaland East Fruit and Vegetable Project*. Project Number 7 Zim 016. pp 1-28.

Agritex/French Technical Co-operation, (1994). *Results of the surveys on 30 sites of horticulture production in the country*. Horticultural Training Project. 10.pp

Chizengeya P. (1995). *Improved solar dehydration of tomato*. A thesis submitted in partial fulfilment of the requirements for the degree of BSc Agriculture Honours. Department of Crop Science, Faculty of Agriculture, University of Zimbabwe. 37 pp.

COLEACP, (1997). Presentation of the C.O.L.E.A.C.P. 16 pp.

Enda – Zimbabwe, (1996). *The use and value of trees in Communal Areas of Zimbabwe*. Results and report of a survey conducted in selected Communal Lands. 55 pp.

Department of Agricultural Technical and Extension Services. *Benchmark Survey Parameters for Improving and Expanding Horticultural Crop Production in Selected Communal Areas around Zimbabwe*. I. Preliminary Results Of A Sub-Sample Survey. Horticultural Occasional Paper 1. 83pp.

- Gova M., Chapendama B. and Hakutangwi M.B.K., (1988). CIMMYT sponsored informal diagnostic survey report. Manicaland Province and Training Branch Staff, Nyanga, Montclair Hotel, 25-30 July 1988. 41 pp.
- Horticulture and Coffee Research Institute, (1986). Part 1 Horticultural Research Centre. Annual Report 1983-84, 1984-85 and 1995-86. Department of Research and Specialist Services. Government Printer, Harare, Zimbabwe. 65 pp.
- Jackson J.E., Turner A.D. and Matanda M.L. (eds.). (1997). *Smallholder Horticulture in Zimbabwe*. University of Zimbabwe Publications, Harare, Zimbabwe. 207 pp.
- Makaya P.R., (1995). *Quantification of Horticultural Production Post-Harvest losses in the Communal Areas of Mashonaland East Province*. Project Proposal. Agritex, Zimbabwe, pp 1-11.
- Makaya P.R., (1995). *Life after death. The postharvest characteristics of leafy Brassicas var acephala grown in Zimbabwe and possible loss reduction interventions*. PhD proposal. pp 1-9.
- Maminimini O., and Ziyera F., (1995). *Report of a diagnostic training exercise for agricultural Extension staff. Dena Growth Point (Makumbe Hotel), 20-24 March 1995*. Department of Agricultural Technical and Extension Services, Ministry of Agriculture, Zimbabwe.
- Mguni C.M., (1997). *Biological control of bacterial black rot of cabbage: isolation and screening of bacteria antagonistic to the pathogen, *Xanthomonas campestris* pv. *Campestris* with special reference to *Bacillus* spp.* Plant Protection Research Institute, P.O.Box CY 550, Harare, Zimbabwe. 17 pp.
- Murphy A. (1996). *Fruit and Vegetable Drying in Zimbabwe: Opportunities for Micro-Enterprise Development in the communal areas*. Draft Sub-Sector Report. Department of Economics, University College Cork, Ireland. 136 pp.
- NRI. *Export Development and Quality Assurance of Horticultural Crops*. Specialist technical assistance in horticultural export development. NRI, Central Avenue Chatham Maritime, Kent ME4 4TB, United Kingdom. 12pp.
- NRI, (1993). *A Guide to UK Suppliers off Equipment For Post-Harvest Horticultural Crop Management*. NRI, Central Avenue Chatham Maritime, Kent ME4 4TB, United Kingdom. 41pp.
- Parker L.J. (1994). *Needs Assessment for Peasant Farmers in Zimbabwe*. Report submitted in partial fulfilment of the requirements for the MSc in Tropical and Subtropical Horticulture and Crop Science. Wye College, University of London 1994 and presented to the Natural Resource Institute of the Overseas Development Administration. 61 pp.
- Sibhensana M. (1996). *Crop Protection Practices of Smallholder Vegetable Growers in Chinamhora Communal Lands*. MSc. Thesis (Crop Protection). Department of Crop Science, Faculty of Agriculture, University of Zimbabwe, 98 pp.
- Survey on the production and marketing of horticultural crops by small-holder farmers in the Mashonaland East province of Zimbabwe (1996). 36 pp.
- UZ/CIIFAD Programme on Smallholder Horticulture, (1996). *Socio-economic issues in smallholder horticulture*. Workshop proceedings. 19 pp.
- Wien H.C. *Sustainable Smallholder Horticultural Development: Zimbabwe*, pp 16-22.

HOUSEHOLD FOOD SECURITY - Zimbabwe

- Defoer T., Kante S., Hilhorst T. and Groote H.G. (1996). *Towards more sustainable soil fertility management*. AgREN Network Paper No. 63. ODI.

Gaifami A.A.M. and da Cunha Belem R. (1996). *Small-scale milk production in Southern Brazil: the challenges of 'modernisation'*. AgREN Network Paper No. 63. ODI

Green S.M., Kennedy L. and New J.H. (1994). *Report on quality of cotton in the post-harvest sector*. Project No. A0292.Pp126

Odogola R.W., (1994). *Post-harvest Management and Storage of Food legumes*. UNDP/OPS Programme on Agricultural Operations Technology for Small Holders in East and Southern Africa. Technical Systems for Agriculture.

Ravnborg H.M. and Ashby J. A., (1996). *Organising for local level watershed management: lessons from Rio Cubuyal Watershed, Colombia*. AgREN Network Paper No. 65. ODI.

Waddington S.R. *Soil Fertility Network for Maize-Based Farming Systems in Malawi and Zimbabwe*. CIMMYT Maize programme and Natural Resources Group, P.O.Box MP 163, Mt. Pleasant, Harare, Zimbabwe.

LAND TENURE.

Ministry of Lands, Agriculture and Water Development., (1994). *Report on the commission of inquiry into appropriate agricultural land tenure systems. Volume three: Methods Procedures, Itinerary, and Appendices*. Rukuni, M. (Chairman). 97 pp.

PROJECT PROPOSALS

DR&SS (PPRI), Agritex, (IAE). (1996). *On-farm grain storage of food grains, legumes and oilseeds*- Project title.

Natural Resource Institute, (1995). *Crop post-harvest programme: Country framework document* Southern Africa. Chatham, Kent. Pp. 1-18.

ODA, (1995). Improved design of indigenous stores including minimising the use of hardwood resources. 1 st Draft. Research and development funding application and project memorandum form.

ODI (UK); DR&SS; AGRITEX (Min. Ag, Zimbabwe); University of Zimbabwe. (Collaborators), (1995). *Project development: household food security in Zimbabwe*- Project title.

LGB

Boxall R. and Compton J. A. F. (Editors) (1996). *Ghana Larger Grain Borer Project-Final Technical Report*. NRI, Chatham Maritime, Chatham, Kent ME4 4TB, United Kingdom. 54pp.

Compton J.A.F., Floyd S. and Agbo B., (1996). *The modified count and weigh procedure: an improved method for assessing weight loss in stored maize cobs*. Submitted to Journal of stored products research. Nov 1996 15pp

Compton J.A.F., Floyd S., Magrath P.A., Addo S., Gbedevi S.R., Agbo B., Bokor G., Amekupe S., Motey Z., Penni H. and Kumi S. *The Effect of Post-Harvest Insect Damage on the Price of Maize Grain: Results from 'Trader Panels' in Eastern Ghana*. Unpublished. 22pp

Compton J.A.F., Magrath P.A., Addo S., Gbedevi S.R., Amekupe S., Agbo B., Penni H., Asempah D., Tettey I., Glah S., Kumi S., Bokor G., Awuku M., Motey Z., Floyd S. and Boxal R. (1996). *Determining the effect of post-harvest insect damage on the price of maize grain: a comparison of two research methods*. Paper submitted at the International Symposium: 'Control of the Pests of Foodstuffs Stored by Farmers in Africa', Lome, 10-14 February 1997. 8pp.

- Compton J.A.F., and Sherington J. *A Visual Scale For Rapid Assessment of Weight Losses Due To Insect Pests in Stored Maize Cobs*. For submission to Journal of Stored Products Research. 17Pp
- Compton J., Motte F., Magrath P., Ofofu A. and Boxall R. (1997). *Case Study: Ghana/UK Larger Grain Borer Project (1993-1996). Documenting Participation within Participatory Technology Development and Dissemination*. Abedare Country club, Nyeri, Kenya, 14-17 April 1997. 30pp
- Compton J.A.F., Ofofu A., Magrath P. A., Motte F. F., Acquaye K., Addo S. and Boxall R. *Rapid Methods for Small Farm Storage Surveys*. Paper presented at the International Conference on Post-Harvest Technology and Commodity Marketing. Accra, November 1995. 11pp
- Compton J., (1997). *Managing Applied Research: Experiences from A Post-Harvest Pest Control Project in Ghana*. Agricultural Research and Extension Network. Network Paper No.74a. ODA (UK), pp1-18.
- Compton J.A.F. and Sherington J. A. *Rapid Method for Assessment of Insect Numbers in Stored Maize Cobs*. For submission to Journal of Stored Products Research. 9pp
- GASGA/CTA. *Larger Grain Borer. Technical Leaflet No.1*. CTA, Postbus 380, 6700 A J Wageningen, The Netherlands. 11pp.
- Giles P.H., Hill M.G., Nang'ayo F.L.O., Farrell G, and Kibata G.N. (1996). Release and establishment of the predator *Teretriosa nigrescens* Lewis for biological control of *Prostephanus truncatus* (Horn) in Kenya. *Africa Crop Science Journal*, (4) 3: 325-337.
- Larger Grain Borer Newsletter, (1997). Ministry of Agriculture, Food and Fisheries, Ghana.
- Magrath P., Compton J., Ofofu A. and Motte F. *Cost –Benefit Analysis of Client Participation in Agricultural Research: A Case Study from Ghana*. Agricultural Research and Extension Network. Network Paper No. 74b. ODA (UK) Pp 19-36
- Magrath P., Motte F., Compton J. Ofofu A and Addo S., (1997). *Participation of Farmers and Traders in Agricultural Research: Lessons From The Larger Grain Borer Project, Ghana*. NRI, Central Ave, Chatham Maritime, Chatham, Kent ME4 4TB, UK. 42pp.
- Magrath P., Compton J., Motte F. and Awuku M. (1996). *Ghana Larger Grain Borer Project Coping with A New Storage Insect Pest: The Impact of the Larger Grain Borer In Eastern Ghana*. Republic of Ghana/ ODA (UK) 33pp.
- Marange, T. (1995). *The potential threat of the Larger Grain Borer, (LGB), Prostephanus truncatus to the maize industry in Zimbabwe*. DR&SS/ Natural Resource Institute. 26 pp.
- Mvumi B.M. and Zitsanza E. (1996). *Integrated control of the larger grain borer (Prostephanus truncatus Horn) and associated pests in Zimbabwe with particular reference to rural stores*. Paper prepared for the East and Central Africa regional pest management workshop. Naivasha, Kenya: 14-19 April 1996.
- Ministry of Food and Agriculture, Ghana, (1996). *Controlling the Larger Grain Borer Treating Your Maize Barn with Approved Insecticide*. Leaflet Produced with assistance from ODA (UK) Larger Grain Borer Project. 11pp.
- Ministry of Food and Agriculture, Ghana, (1996). *Protecting Maize in Ewe Barn Against the Larger Grain Borer*. Leaflet Produced by The Post-Harvest Development Unit Agricultural Engineering Services Department.
- Ministry of Food and Agriculture, Ghana, (1996). *Your Maize Store: How to Deal with Four Common Problems*. Leaflet produced by The Post-Harvest Development Unit, Ministry of Food and Agriculture, P.O.Box M82, Accra. 8pp.

Ministry of Food and Agriculture, Ghana, (1996). *Good Storage Practice*. Booklet Produced by Post-Harvest Development Unit with assistance from ODA (UK) Larger Grain Borer Project. 17pp.

Ministry of Food and Agriculture, Ghana. *Biological Control of the Larger Grain Borer (LGB) Using the 'T.N.' Beetle: Your Questions Answered*. Republic of Ghana/ ODA (UK).

Ministry of Food and Agriculture, Ghana. *Attention Maize Farmers! The Larger Grain Borer (LGB): A Dangerous New Pest in Ghana*. Fact sheet produced by The Republic of Ghana/ ODA (UK).

Ministry of Food and Agriculture, Ghana. *The Larger Grain Borer (LGB): A Dangerous New Pest In Ghana*. Leaflet produced by The Post-Harvest Development Unit, Ministry of Food and Agriculture, P.O.Box M82, Accra. 11pp.

Motte F., Compton J., Magrath P., and Ofosu A. *A Participatory approach to Research and Extension: The experience of the ODA(UK)/MOFA (Ghana) Larger Grain Borer Project*. Paper Presented at the East and Central Africa Storage Pest Management Workshop. Naivasha, Kenya, 14-19 April 1996. 6pp

Ofosu A., Compton J.A.F., Magrath P.A., Acquaye K. and Ayerty J. *Cost-Effectiveness of Different Treatment Regimes for Maize Stored in Narrow Cribs – A Preliminary Investigation. Ghana/UK Larger Grain Borer Project*. Post-Harvest Development Unit, Ministry of Food and Agriculture, P.O.Box 165, Ho. 8pp

NRI *How to Use Pheromone Traps to Monitor the Larger Grain Borer (*Prostephanus Truncatus*)*
NRI/ODA 16pp

NRI. *Insects in Tropical Stores*. Colour Poster

LOCAL KNOWLEDGE SMALLHOLDER TECHNOLOGY /TILLAGE.

Campbell B.M. (1987). The use of wild fruits in Zimbabwe. *Economic Botany*, 41(3): 375-385.

Collinson M.P. (1989). Small farmers and technology in eastern and southern Africa. *Journal of International Development* 1 (1): 66-82.

Desmet A. (1993). *Annual Report October 1992-September 1993. Mudzi District Agricultural Development Project*. Pp 1- 25.

Gata N.R. (1995). *Indigenous knowledge systems for sustainable natural resource management and farming systems, with special reference to southern Africa and in particular Zimbabwe*. Paper presented at the Regional Workshop on indigenous knowledge Systems (IKS) and Natural Resource Management in Southern Africa, Midmar/Harwick, and Kwazulu-Natal, South Africa. April 24-27 1995, 36 pp.

Gata N.R., and Kativhu A.L. (1991). *Research and documentation of indigenous science and technology for sustainable agriculture, food systems and natural resource management in Zimbabwe*. Proceedings of a workshop, Chinhoyi Public Service Training Centre, Chinhoyi, Zimbabwe. July 11-14 1991, 130 pp.

Hagmann J., Chuma E. and Gundani O. (1992). *Report on two workshops with farmers participating in adaptive on-farm trials in Gutu, Zaka and Chivi Communal Lands*. Agritex/GTZ Conservation tillage for sustainable crop production systems. 40 pp.

Ivy P. (1987). *Technical and environmental limitations to increasing food crop production under sub-humid and semi-arid east and southern African environments and possible solutions*. In: Improving food crop production on small farms in Africa. pp. 86-99.

Jones E., Nyamudeza P. and Busangavanye T. (1989). *Rainfed cropping and water conservation and concentration on vertisols in the S.E. Lowveld of Zimbabwe*. Paper presented at a seminar on vertisol management in Africa, Harare, January 1989 organised by IBSRAM, pp. 1-10.

Mazvimavi K., (1996). *Assessment of household grain consumption, grain milling and trading in communal areas of Natural Regions IV and V*. A report prepared for USAID funded Zimbabwe Grain Marketing Reform Research Project: Impact assessment in Natural Regions IV and V. task A2 Phase IV. 28 pp.

Mazimavi K. (1997). *An overview of sorghum and millet production, and utilisation in Zimbabwe's semi-arid smallholder sector*. 17 pp.

Mosse D. (with the KRIBP), (1996). *Local Institutions and Farming Development: Thoughts from a project in tribal Western India*. . AgREN Network Paper No. 64. ODI.

Wien H.C. *Sustainable smallholder horticultural development: Zimbabwe*. Fruit and vegetable Science. pp. 16-22.

MARKETING

Chisvo M. (1992). *An Analysis of the impact of grain marketing policy on grain market distribution, household food security, incomes and nutrition in low potential communal areas of Zimbabwe: Implications of food security and nutrition policy*. MPhil Thesis. Department of Agricultural Economics and Extension, University of Zimbabwe. 72 pp.

Casavant K. (1995). *Agricultural market information systems: transportation analysis in Zimbabwe*. The Pragma Corporation Falls Church, Va. 22046. 52 pp.

Chigariro J. *Assessing grain marketing opportunities for the smallholder farmer under economic reform programme (Draft Project Proposal)*. 5 pp.

Coopers & Lybrand (1994). *Zimbabwe grain marketing reform research project*. Contract No.: 623-0234-C-00-4021-00. Project No. 613-0234-20074. Muchero M.T. (Project Director) Workshop Proceedings, Great Indaba Room, Monomotapa Hotel, 21 April 1994.

Conway J.A., Tyler P.S. (eds.) (1995). *Practical Implications of Grain Market Liberalization in southern Africa*. Proceedings of a workshop held in Harare, Zimbabwe, 18-20 October 1994. Chatham, UK: Natural Resource Institute. 194 pp.

CSO, (1995). *Transport Statistics, Volume 1: Census of transports 1991/92 Report*. 25 pp.

Coulter J. (1994). *Liberalization of Cereals Marketing in Sub-Saharan Africa: Lessons from Experience*. Marketing Series 9. Chatham, UK: Natural Resource Institute. pp. 1-38.

Coulter J and Compton J.A.F. (1991). *Liberalization of cereals marketing in sub-Saharan Africa: Implementation issues*. Chatham, UK: Natural Resource Institute. 26 pp.

Gakonyo N. *Marketing Issues in Smallholder Horticulture in Kenya and Zimbabwe*. Predissertation. Research Final Report. 26 pp.

Henson S. and Sekula W., (1994). Market reform in the Polish food sector: impact upon food consumption and nutrition. *Food Policy* 19(5) 419-442.

Jayne T.S. and Rubey L. (1993). Maize Milling, Market Reform and Urban Food Security: The case of Zimbabwe. *World Development*, 21 (6): 975-988.

Jayne T.S. *Cash cropping incentives, food marketing performance and the divergence between national and household comparative advantage evidence from Zimbabwe: Working Paper AEE 3/92*. Department of Agriculture Economics and Extension. 15 pp.

Masters W.A., Masanzu F.A. and Schrader L.F. (1995). *Towards an agricultural market information system for smallholders in Zimbabwe: Data collection, analysis and dissemination methods*. Zimbabwe Grain Marketing Reform Research (GRAMARR) project. pp. 1-23.

- Masters W.A., Masanzu F.A. and Schrader L.F. (1995). *A computer spreadsheet model for market information in Zimbabwe*. Addendum to the report entitled: Towards an agricultural market information system for smallholders in Zimbabwe: Data collection, analysis and dissemination methods. 10 pp.
- Masters W.A., Jiriengwa S., Zembe W and Chikowore G. (1995). *Proposed GMB maize pricing and marketing plan for 1995/96*. Zimbabwe Grain Market Reform Research (GRAMARR) Project. 28 pp.
- Mhlophe M.C. and Mlambo K. (1995). *Investment Behaviour under Uncertainty: An Analysis of the Determinants of Investment in Zimbabwe*. Final Report: Draft. 37 pp.
- Mushauri J. (1995). *Smallholder marketing information requirements and delivery channels*. Report on the agricultural market information systems project. pp1-22.
- PPRI, (1992). *Annual report 1989-90*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 18-22.
- Probe Market Research. (1995). *Evaluation of Grain marketing Reform Impact in the Semi-Arid Regions of Zimbabwe*. [Phase 2] For United States Agency for International Development, Zimbabwe[USAID].
- Probe Market Research, (1995). *Evaluation of grain market reform impact in the semi-arid regions of Zimbabwe (Phase 3)*. Research report prepared for the United States Agency for International Development, Zimbabwe (USAID).
- Scarborough V and Kydd J. (1992). *Economic Analysis of Agricultural Markets: A Manual*. Chatham, UK: Natural Resource Institute. 166 pp.
- Stanning J. (1989). Smallholder maize production and sales in Zimbabwe. Some distributional aspects. *Food Policy*. 14 (3): 260-267.
- Stanning J.L. (1987) *Household Grain Storage and Marketing Decisions in Surplus and Deficit Communal Farming Areas in Zimbabwe: Preliminary Findings*. Working Paper AEE 1/87.
- Takavarasha T., Mafurirano L., Zitsanza N and Mfote D. (1996). *Liberalisation of maize and beef sub-sectors in Zimbabwe*. First draft of the second report prepared for the Namibian economic policy research unit. 38 pp.
- Vaze P., Kudhlande S., Wright J and Gundry S. A spatial analysis of household grain purchases in Zimbabwe's liberalised marketing system. 7 pp.
- Wyckoff J.B. (1995). *Agricultural market information systems*. SADC experience with market information systems. THE PRAGMA CORPORATION Falls Church, Va 22046 with COOPERS & LYBRAND ASSOCIATES (PVT) LTD, Harare, Zimbabwe. 61 pp.
- Zinyama L.M. (1988). Commercialization of small-scale agriculture in Zimbabwe: Some emerging patterns of spatial differentiation. *Singapore Journal of Tropical Geography*. 9 (2): 151-162.

MUTOKO DISTRICT

- CSO, (1992). *1992 Census. Provincial profile- Mashonaland East*. Government Printer, Harare, Zimbabwe. 153 pp.
- Southern Africa crop post harvest research Zimbabwe programme. Baseline data-Mutoko district.

OILSEEDS

Macpherson A. *Strategy for disseminating the edible oil ram press technology in the semi-arid areas.* 25 pp.

Masendeke A. (1996). *Oilseeds in Zimbabwe: A literature review of current knowledge and issues.* Prepared for Natural Resources Institute Southern Africa Crop Post-Harvest Research. 12 pp.

Wareing P.W. (1995). *Flow diagrams describing post-harvest handling and processing systems for groundnut in Zimbabwe.* Project AO452. NRI Report. Pp. 1-6.

PARTICIPATORY RURAL APPRAISAL

Croxton S and Murwira K. *Participatory technology development & dissemination: a case study from Chivi, Zimbabwe.* Paper presented at the Participatory Technology Development: African Forum Aberdare Country Club, Nyeri, Kenya. 14-17 April. 25 pp.

Dorward P. and Galpin M. (1997). *Participatory Farm Management (PFM) methods for Needs Assessment: A manual.* 36pp.

Dorward P.T., Shepherd D.D. and Wolmer W.L. (1996). *The development of farm management type methodologies for improved needs assessment: a literature review.* The university of Reading, Department of Agriculture and Agricultural Extension and Rural Development Department. 32 pp.

Dorward P and Galpin M. *Participatory farm management: methods and uses.*

Dorward P and Galpin M. *Participatory farm management: tools to assist farmers in their decision making.*

Golob P. and Marsland N. (1996). *Rapid Rural Appraisal of Post-Maturity Issues in the Central Region of Malawi.* Project No. A0549. Pp34

Guijt I., Bebbington T., Pretty J., Thompson J and Cornwall A., (eds.) (1995). *Notes on Participatory Learning and Action – PLA Notes (formerly RRA Notes). Number 24 Critical Reflections from Practice.* International Institute for Environment and Development (IIED), Sustainable Agriculture Programme. 90 pp.

Natural Resources Institute (1996). *Participatory Rural Appraisal: A manual on Issues, Principles and Tools.* Workshop conducted by SSD, autumn 1996. pp. 1-57 (also include a selection of articles on RRA and PRA).

Sarkar A.A., Ghani M.A. and Potter H.L. (1995). *Farmer-based Participatory Planning and Partnership in Agricultural Extension policy for Bangladesh (including recent developments from the GoB/IDA/ODA supported Agricultural support Services Project).* Presented at IIRA/ODI/WN Workshop on "Farmer-led Approaches to Agricultural Extension". International Institute of Rural Reconstruction, Silang, Cavite, Philippines. 17-22 July 1995.

Tropical Agriculture Association (UK) (1996). Newsletter volume 16 No. 2. 24 pp.

PEST CONTROL

Chikwenhere G.P. and Keswani C.L., (1997). Economics of *Salvinia* biological control of Kariba weed (*Salvinia molesta* Mitchel) at Tengwe in north-western Zimbabwe – a case study. *International Journal of Pest Management*, 43(2) 109-112.

Chinwada P. and Giga D.P. *Traditional seed protectants for the control of bean bruchids.* Department of Crop Science, Faculty of Agriculture, University of Zimbabwe. 17 pp.

Chinwada P. and Giga D.P. *Sunning as a technique for disinfecting stored bean*. Department of Crop Science, Faculty of Agriculture, University of Zimbabwe. 15 pp.

Chinwada P. *The importance of bean bruchids in small farmer bean storage systems in Zimbabwe: results of questionnaire surveys*. Plant Protection Research Institute, Harare. pp. 1-8.

Chiuswa D.V., (1988). *Major Stored Grain Pests*. Department of Soil Science and Agricultural Engineering, University of Zimbabwe. 53pp.

Dales M.J. and Golob P., (1997). The protection of maize against *Prostephanus truncatus* (Horn), using insecticide sprays in Tanzania. *International Journal of Pest Management*, 43(1): 39-43.

Farrell G., Hill M.G., Nang'yo F.L.O and Stabrawa A. (1996). A review of investigations to improve pest management of stored maize in smallholder farms in Kenya. *Integrated Pest Management reviews* 1, 251-263.

Giga D.P. and Biscoe J. (1989). Treating maize grain for storage with registered protectants in Zimbabwe: Technical, Practical and Economic considerations. *The Zimbabwe Science News* 3 (10/12): 101-103.

Giga D.P., Mutenmerewa S., Moyo G. and Neely D. (1991). Assessment and control of losses caused by insect pests in small farmers' stores in Zimbabwe. *Crop Protection* 10: 287-292.

Golob P. (1997). Current status and future perspectives for inert dusts for control of stored product insects. *Journal of Stored Product Research* 33 (1): 69-79.

IPM Working Group Secretariat, (1994). *Regional NGO integrated pest management activity survey for Sub-Saharan Africa*. IPM Working Group Secretariat NRI, Chatham Maritime Chatham. Kent. UK. 9 pp

Marshall F. (1995). *Report on Visit to Kenya, Malawi and Zimbabwe to Discuss the Role of the NGO-IPM Action Group (NGOAG)*, 26 May to 4 June 1995. Integrated Pest Management Working Group. . 18 Pp.

Mutiro C.F., Giga D.P. and Chetsanga C.J. (1992). Post-harvest damage to maize in small farmers' stores. *Zimbabwe Journal of Agricultural Research* 30 (1): 49-58.

Mvumi B.M. and Giga D.P. (1994). Residual effectiveness of pirimiphos-methyl on maize in small farm stores. *Postharvest Biology and Technology* 4: 353-360.

PPRI, (1987). *Annual report 1984-85*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 87-99.

PPRI, (1990). *Annual report 1987-88*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 36-46.

PPRI, (1991). *Annual report 1986-87*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 16-63.

PPRI, (1992). *Annual report 1989-90*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 18-22.

PPRI, (1992). *Annual report 1990-91*. DR&SS Information services. Government Printer, Harare, Zimbabwe. pp. 15-16.

Tembo E. and Mvumi B.M. (1995). *Efficacy of organophosphate and organophosphate-pyrethroid combinations against stored maize insect pests*. Research co-ordination committee meeting. 2 November 1995. Institute of Agricultural Engineering; Harare, Zimbabwe.

Weaving A.J.S. (1981). Grain protectants for use under tribal storage conditions in Zimbabwe (Rhodesia) 3. Evaluation of admixtures with maize stored in traditional grain bins. *Zimbabwe J. agric. Res.* 19. 205-222.

Zimba M and Tembo E. (1997). *Evaluation of the efficacy of pirimiphos methyl and permethrin combinations against stored maize insect pests*. Project Protocol (1997-1998). pp1-4.

ROOT CROPS

Bockett G.N.A. (1997). *Why needs assessment?* Natural Resources Institute, Central avenue, Chatham, Kent ME4 4TB, UK. 9 pp.

Cassava: Technology Applications IDRC Project 93-8466 Interim Report. pp59-72

Cassava Work Programme: 1996-1998. pp.15-22.

Chipangura B and Jackson J.E. (1993). *Sweet potato for high yield in Zimbabwe*. Farming world. pp. 8-13.

Devereau A. (1994). *Tropical sweet potato storage: A literature review*. Project AO302. NRI, ODA.

Devereau A. (1994). *Visit to Uganda to start on-station and on-farm sweet potato trials*. 24 October to 15 November 1994. Project AO302. NRI, ODA.

Devereau A. (1996). *Fresh storage of sweet potatoes in Uganda: evaluation of on-station trials*. Draft. NRI, ODA.

Horticulture and Coffee Research Institute, (1989). *Annual Report 1982-87*. DR&SS Information Services. Government Printers, Harare, Zimbabwe. pp 105- 115.

Kleih.U.(1994). *Feasibility study of Cassava Production and Marketing in Zimbabwe*. Project A0302. pp1-45.

Manzungu E. (1993). Farmers' strategies threatened. What happens to sweet potatoes? *ILEIA Newsletter* 3, (9): 20-21.

Mazhagara.E.P., Nyakatawa.E.Z., Moyo .C.and Mutimutema.E. (1996). *Baseline study on cassava and sweet -potato production and utilization in Zimbabwe: Interim Report*. An interim report compiled for the Zimbabwe /SARRNET root and tuber crop research and development project.21pp.

NRI /NARO. *Storage of fresh sweet potato: an extension guide*. ODA. 11 pp.

Peeters B. *Sustainability in agriculture: an assessment of 9 Coopibo projects in Zimbabwe, Tanzania, Nicaragua, Costa-Rica and Ecuador. General conclusions*. 43 pp.

Rees D. *Root and tubers, post-harvest issues: Zimbabwe*.

Scoones I. and Hakutangwi M. (1996). *Evaluation of the Chivi food security project*. Intermediate Technology Development Group- Zimbabwe. 55 pp.

Tapfumaneyi L. (1993). *Cassava production, processing and utilisation*. Department of Agricultural Technical and Extension Services (Agritex). 20 pp.

Tapfumaneyi L. (1995). *Cassava and cowpea utilisation for the 'small' farmer*. Department of Agricultural Technical and Extension Services (Agritex). 27 pp.

Technology Applications IDRC Project 92-8466 Interim Report. 2 pp.

The World Bank, (1996). *Index of Publications & Guide to Information Products and Services*. Oxford University Press. 252 pp.

Westby A. *Collaborative study of cassava in Africa (COSCA). Phase I – Village level survey*. Presentation of data on processed products. Natural Resources Institute, Chatham Maritime, Kent ME4 4TB, United Kingdom. 62 pp.

Win E. (1996). *Our Community ourselves. A search for food security by Chivi farmers*. Intermediate Technology Zimbabwe's Agriculture Programme. 60 pp.

ZFU, (1997). *The Zimbabwean Farmer. Murimi/Umlimi*. Vol. 3 No. 1. Zimbabwe Farmers Union, Harare. 24 pp.

SEEDS

SADC/GTZ, (1997). Small-scale seed production project: Malawi special issue. *Local Seed Systems News*, 3 (1): I-VIII.

SADC/GTZ, (1997). Small-scale seed production project: Zambia special issue. *Local Seed Systems News*, 3 (2): 1-8.

SADC/GTZ, (1997). Small scale seed production project. *Local Seed Systems News*, 3 (3): 1-8.

SADC/GTZ, (1996). Small-scale seed production project: Mozambique special issue. *Local Seed Systems News*, 2 (3): 7-12.

SADC/GTZ, (1996). Small scale seed production project. *Local Seed Systems News*, 2 (3): 1-8.

Van der Mheen-Sluijter J. (1997). *Promotion of small-scale seed production by self helps groups: Experiences in Zimbabwe*. Paper prepared for the Food Security Workshop, Masvingo, and 25-27 June 1997.

SMALL GRAINS

Abuelgasim E.H. (1987). *Developing sorghum and millet varieties adapted to low risk and low-cost small farming conditions*. In: Holmes, J.C. (ed.) *Improving food crop production on small farms in Africa*. pp 453-455. Seminar on Increased food Production through Low-Cost Food crops Technology. Harare, Zimbabwe. 2-17 March, 1987.

Dendy D.A.V. *Staples production and urbanization with special emphasis on African farming*. First draft for comment and discussion.

Gomez M.I., Obilana A.B., Martin D.F., Madzvanuse M. and Monyo E.S., (1997). *Manual of Laboratory Procedures for Quality evaluation of sorghum and pearl millet*. Technical Manual No. 2. ICRISAT, Patancheru 502 324, Andhra Pradesh, India. 116 pp.

Gwarazimba V.E.E. (1984). The status of pearl millet in Zimbabwe and prospects for the future. *Zimbabwe agric. J.* 81(4): 157-160.

Mazvimavi K. (1996). *Economic analysis of the competitive position of sorghum and millet in the semi-arid, smallholder farming regions of Zimbabwe*. MPhil Thesis. Department of Agricultural Economics and extensions. 93pp.

Oniang'o R.K. (1995/96). *Sorghum and pearl millet food technology in SADC countries: A regional report of study for SADC/ICRISAT sorghum and millet improvement program (SMIP)*. Draft. 191 pp.

SADC/ICRISAT. *Sorghum and Millet Improvement Program (SMIP). Work Plans 1996/97*. Matopos Research Station, Bulawayo, Zimbabwe. 150 pp.

STORAGE STRUCTURES

Koza T., Chigariro J and Chiunya N. (1994). *Rural grain storage research: small-scale communal area farmers*. Granary for two years security storage, Zimbabwe. Project terminal report. Ministry of lands, agriculture and rural resettlement (Zimbabwe)/AGRITEX/LAE/AGROTEC/UNDP/OPS. 63 pp.

Tyler P and Harding S. *A guide to appropriate technologies for small-scale storage of grain in Sub-Saharan Africa*. NRI, Chatham Maritime Chatham. Kent ME4 4TB, UK.

TRAINING COURSES

Ambrose S.C. (1996). *Using Powerpoint as a Presentation Tool – An Introductory Course*. Staff Development IT Training. The University of Greenwich.

Ambrose S.C. (1996). *Using Powerpoint as a Presentation Tool – An Introductory Course*. Activity Booklet. Staff Development IT Training. The University of Greenwich.

Donaldson T.J. (1996). *Support to Post-Harvest Technology Curricula at Training Institutions in Ghana*. NRI, Chatham Maritime Chatham. Kent ME4 4TB, UK. 12 pp.

Gwekwerere B. (1995). CIIFAD-Zimbabwe post-harvest : Short course held from 18/07/95 to 27/07/95.

GHANA TECHNICAL CO-OPERATION PROGRAMME. Grain storage management training in Ghana.

ZIMBABWE/ GENERAL

Blench R. (1997). *A preliminary description of the farming systems in the RWENYA basin, near ZIMBABWE*. XXR Working Paper. ODI, Portland House, Stag Place, London, United Kingdom. 28 pp

CSO, (1994). *Census of Industrial Production 1992/93 Report- Mining, Manufacturing, Construction, Electricity and Water Supply*. 63 pp.

CSO, (1995). *Motor Vehicle Report- January to December 1993*. 25 pp.

FINANCIAL TIMES,(1996). *Zimbabwe-Tough journey down the road of reform*. FINANCIAL TIMES, October 24, 1996. 1 pp.

Milne G. R. and Marongwe D. A. (eds.), (1995). *Small-scale gold panning in Zimbabwe: Economic Costs and benefits and policy recommendations: Results of a pilot study in Mashonaland Central Province for 1993*. Ministry of Environment and Tourism. Government of Zimbabwe. 73 pp.

Ministry of Lands, Agriculture and Water Development. (1994). *The agricultural policy of Zimbabwe under the economic reform*. Agricultural policy statements issued by the Minister of Lands, Agriculture, and Water Development 1991-1993, Harare, Zimbabwe. 62 pp.

THE TIMES, (1986). *A special report on Zimbabwe*. THE TIMES, August 27, 1986. pp. 22-24.

UNIMEDIA Ltd., 1996. *Spotlight on Africa: Special reports on Senegal and Zimbabwe*. Supplement to THE TIMES. pp. 1-16.

Waghray D. (1996). *Community resource management and livelihood strategies: Phase 1*. Information presented at the CRMLS Phase I meeting, IH Wallingford on the 9 Th. December 1996. ODA NRSP SAPS and Engineering Division (Water and Sanitation). pp. 1-21.