

Tree Species in Countryside Stewardship Woodland Creation Grant Applications 2019

Purpose

This note sets out the tree species included in Woodland Creation Grant Applications under Countryside Stewardship from September 2018 to September 2019.

Summary

This assessment is based on data from all applications and includes a mixture of:

- 53 initial applications which are still being progressed where the number of trees and species mix may change due to changes and applications dropping out through withdrawal or rejection if found ineligible for grant aid¹.
- 35 final applications and grant agreements (offered and accepted) where the species mix has been agreed and is recorded in the agreement.

Applications which have been withdrawn or rejected (5 (6% of the trees initially applied for) at 30th September 2019) are excluded for this analysis.

Table 1 presents a summary by category of tree – broadleaf or conifer. Table 2 provides a breakdown of individual species in the applications as far as they can be identified.

The 'Unknown' category in table 1 is due to either:

- missing information in applications (not all applicants included species information in their initial application – these are marked as 'Error' in Appendix 1, or;
- uncertain tree species from the coding in the application - these are marked as '#N/A' in Appendix 1.

¹ Applications that dropped out before agreement acceptance:

- 2016 = 59 (7% reduction in trees initially applied for)
- 2017 = 48 (39% reduction in trees initially applied for)
- 2018 = 51 (21% reduction in trees initially applied for)

Table 1: Summary of trees by type in applications – CS Woodland Creation Grant between September 2018 and September 2019

Tree Type	Number of trees in 2019 applications/agreements	% of total	% of total known species	Number of trees in 2018 applications / agreements	Change in number from 2018 to 2019	Change in % from 2018 to 2019
Broadleaf	523,435	69%	70%	2,483,488	- 1,960,053	- 4%
Conifer	219,341	29%	30%	1,483,934	- 1,264,593	- 6%
Unknown	13,229	2%		99,522	86,293	7%
	756,005	100%	100%		- 3,138,353	- 4%

Table 1: Summary of trees by type in applications – CS Woodland Creation Grant between September 2018 and September 2019 and the change compared to applications in 2018

Species code	Species name	Number of trees in 2019 applications and agreements	Percentage	2018%	Change in % from 2018 applications
OK	Oak (<i>robur/petraea</i>)	163,161	21.58%	7.76%	13.83%
SS	Sitka spruce	68,505	9.06%	21.76%	-12.70%
NS	Norway spruce	54,196	7.17%	1.61%	5.56%
DF	Douglas fir	39,424	5.21%	2.82%	2.39%
SP	Scots pine	30,166	3.99%	6.16%	-2.17%
POK	Pedunculate/common oak	26,776	3.54%	4.50%	-0.95%
SY	Sycamore	21,982	2.91%	2.46%	0.45%
HAZ	Hazel	21,631	2.86%	3.34%	-0.48%
HBM	Hornbeam	21,447	2.84%	2.31%	0.53%
SC	Sweet chestnut	20,934	2.77%	1.28%	1.49%
MB	Mixed broadleaves	17,972	2.38%	4.97%	-2.59%
SBI	Silver birch	16,517	2.18%	2.51%	-0.32%
WCH	Wild cherry/gean	16,068	2.13%	1.44%	0.69%
SOK	Sessile oak	15,242	2.02%	2.35%	-0.33%
FM	Field maple	15,085	2.00%	0.93%	1.07%
ROW	Rowan	15,039	1.99%	2.50%	-0.51%
AR	Alder	12,533	1.66%	2.45%	-0.79%
BE	Beech	11,804	1.56%	2.29%	-0.73%
CAR	Common alder	11,101	1.47%	1.26%	0.21%
BI	Birch (<i>downy/silver</i>)	10,557	1.40%	0.80%	0.59%
HAW	Hawthorn species	10,069	1.33%	1.77%	-0.44%
RC	Western red cedar	9,648	1.28%	0.68%	0.60%
PBI	Downy birch	9,375	1.24%	4.72%	-3.48%
SLI	Small-leaved lime	9,175	1.21%	1.01%	0.21%
ASP	Aspen	7,664	1.01%	1.53%	-0.52%
WH	Western hemlock	7,585	1.00%	0.24%	0.76%
MC	Mixed conifers	5,601	0.74%	0.47%	0.27%
EGU	Cider gum	5,511	0.73%	0.04%	0.68%

Species code	Species name	Number of trees in 2019 applications and agreements	Percentage	2018%	Change in % from 2018 applications
Blanks	NA	4,860	0.64%	0	0.64%
BCH	Bird cherry	4,730	0.63%	0.67%	-0.05%
HOL	Holly species	4,708	0.62%	0.85%	-0.22%
PSP	Blackthorn	4,621	0.61%	0.42%	0.19%
WSH	Woody Shrubs	4,283	0.57%	0.51%	0.06%
WST	Wild service tree	3,644	0.48%	0.21%	0.27%
XB	other broadleaves	3,546	0.47%	0.24%	0.23%
HB	Hornbeam	3,152	0.42%	0	0.42%
LI	Lime	2,922	0.39%	0.66%	-0.28%
CAP	Crab apple	2,906	0.38%	0.50%	-0.11%
IAR	Italian alder	2,632	0.35%	0.31%	0.03%
GWL	Goat willow	2,617	0.35%	0.93%	-0.58%
XOK	other oak spp	2,319	0.31%	0.01%	0.30%
CLI	Common lime	2,034	0.27%	0.03%	0.24%
D	NA	2,033	0.27%	0	0.27%
DBI	Downey birch	2,001	0.26%	0	0.26%
WC	NA	1,952	0.26%	0.03%	0.23%
WHI	Whitebeam	1,756	0.23%	0.17%	0.06%
GAR	Grey alder	1,619	0.21%	0.46%	-0.24%
WWL	White willow	1,422	0.19%	0.05%	0.14%
XWL	other willows	1,330	0.18%	0.19%	-0.02%
ALD	Alder	1,215	0.16%	0	0.16%
XBI	other birches	1,160	0.15%	0	0.15%
SPI	Spindle	1,131	0.15%	0.20%	-0.05%
AL	NA	1,065	0.14%	0	0.14%
IAL	NA	1,065	0.14%	0	0.14%
JNI	Black walnut	952	0.13%	0.03%	0.09%
BEWCH	Beech	900	0.12%	0	0.12%
RSQ	Coast redwood	842	0.11%	0.08%	0.03%
GPO	Grey poplar	817	0.11%	0	0.11%
AUP	Austrian pine	790	0.10%	0	0.10%
SCI	Grey willow	786	0.10%	0.25%	-0.15%
BPO	Black poplar	655	0.09%	0.04%	0.05%
OMS	Serbian spruce	654	0.09%	0.07%	0.02%
QIL	Holm oak	634	0.08%	0.07%	0.01%
JRE	Common walnut	634	0.08%	0.13%	-0.05%
XWA	other walnut	580	0.08%	0.04%	0.04%
WPO	White poplar	564	0.07%	0.05%	0.02%
YEW	Yew	423	0.06%	0.05%	0.00%
RAR	Red alder	342	0.05%	0.01%	0.03%
CBE	NA	339	0.04%	0	0.04%
SPK	NA	339	0.04%	0	0.04%
DOG	NA	304	0.04%	0	0.04%

Species code	Species name	Number of trees in 2019 applications and agreements	Percentage	2018%	Change in % from 2018 applications
scotspine	Scots pine	273	0.04%	0	0.04%
QU	NA	271	0.04%	0	0.04%
XF	other firs (Abies)	232	0.03%	0	0.03%
AMA	Big leaf maple	221	0.03%	0.00%	0.03%
GF	Grand Fir	219	0.03%	0.21%	-0.18%
WRC	Western red cedar	219	0.03%	0.59%	-0.56%
IL	NA	216	0.03%	0	0.03%
XPO	other poplar spp	204	0.03%	0.05%	-0.03%
ELD	Elder	193	0.03%	0.03%	-0.01%
SLO	NA	179	0.02%	0	0.02%
IA	NA	159	0.02%	0	0.02%
WSQ	Wellingtonia	158	0.02%	0.00%	0.02%
EUC	Eucalyptus	152	0.02%	0	0.02%
NOM	Norway maple	128	0.02%	0.09%	-0.08%
SB	NA	116	0.02%	0	0.02%
XC	other conifers	111	0.01%	0.00%	0.01%
WL	NA	96	0.01%	0.01%	0.00%
JUN	Juniper	90	0.01%	0.10%	-0.09%
BOX	Box	41	0.01%	0.01%	0.00%
ROK	Red oak	38	0.00%	0.12%	-0.11%
CWL	Crack willow	-	0.00%	0.11%	-0.11%
QPU	Downy oak	-	0.00%	0.01%	-0.01%
EM	Elm	-	0.00%	0.00%	0.00%
EEM	English elm	-	0.00%	0.02%	-0.02%
HCH	Horse chestnut	-	0.00%	0.02%	-0.02%
FAN	Narrow-leafed ash	-	0.00%	0.03%	-0.03%
XCH	other cherry spp	-	0.00%	0.02%	-0.02%
XEU	other Eucalyptus	-	0.00%	0.84%	-0.84%
XNO	other Nothofagus	-	0.00%	0.01%	-0.01%
ENI	Shining gum	-	0.00%	0.52%	-0.52%
TUL	Tulip tree	-	0.00%	0.00%	0.00%
WEM	Wych elm	-	0.00%	0.05%	-0.05%
CP	Corsican pine	-	0.00%	0.02%	-0.02%
ESF	European silver fir	-	0.00%	0.19%	-0.19%
JCR	Japanese cedar	-	0.00%	0.08%	-0.08%
LP	Lodgepole pine	-	0.00%	1.06%	-1.06%
MCP	Macedonian pine	-	0.00%	0.15%	-0.15%
MAP	Maritime pine	-	0.00%	0.00%	0.00%
RAP	Monterey pine	-	0.00%	0.00%	0.00%
NMF	Nordmann fir	-	0.00%	0.01%	-0.01%
ORS	Oriental spruce	-	0.00%	0.00%	0.00%
XP	other pines	-	0.00%	0.01%	-0.01%
RF	Red (pacific silver) fir	-	0.00%	0.04%	-0.04%

Species code	Species name	Number of trees in 2019 applications and agreements	Percentage	2018%	Change in % from 2018 applications
		756,005	100%		