

Three-year-old Trees, sown 1908-9.

Name of Tree.	Number in Nursery-lines.	Height in Inches.	Value per Thousand.	Total Value.	Remarks.
			£ s. d.	£ s. d.	
<i>Pinus austriaca</i>	460,000	13	3 0 0	1,200 0 0	Very sturdy plants.
" <i>ponderosa</i>	190,000	9	3 0 0	570 0 0	"
" <i>Benthamiana</i>	50,000	9	3 5 0	162 10 0	"
Totals	640,000	..	..	1,932 10 0	

Trees transferred from Nursery to Plantations, &c., 1910-11.

Where Sent.	Name of Tree.	Number.	Height in Inches.	Value per Thousand.	Total Value.	Remarks.
				£ s. d.	£ s. d.	
H a n n e r Springs P l a n t a t i o n	<i>Larix europaea</i>	586,575	16	3 0 0	1,759 14 6	Sturdy plants.
	<i>Pinus Laricio</i>	264,920	13	3 0 0	794 15 3	Strong plants.
	" <i>austriaca</i>	226,470	13	3 0 0	679 8 3	"
	" <i>ponderosa</i>	49,390	10	3 0 0	148 3 5	"
	" <i>muricata</i>	4,350	14	3 0 0	13 1 0	"
	<i>Pseudo-tsuga taxifolia</i>	7,200	11	3 5 0	23 8 0	"
T a p a n u i Nursery ..	<i>Alnus glutinosa</i>	8,000	12	3 0 0	24 0 0	Cuttings; very poor take.
	<i>Larix europaea</i>	82,000	3	1 0 0	82 0 0	Strong plants.
Totals	..	1,228,905	..	..	3,524 10 5	

W. G MORRISON,
Nurseryman in Charge.

HANMER SPRINGS PLANTATION, CANTERBURY.
(Area, 2,568 acres ; altitude, 1,225 ft.)

Although not quite successful a season as that of last year, which was a record one in the matter of tree-planting and tree-growth, the past season compares very favourably with it, considering the extreme dryness of the early spring months, when moisture was more needed than any other time.

Of the trees dealt with during the season, pines suffered only slightly from the dryness, and a small percentage of deaths is recorded ; larch, however, were very severely interfered with, and the death-rate amongst them was considerably higher than in past seasons. Taking operations throughout, however, the percentage of deaths would not be above 12 or 15, which is comparatively low considering the difficulties met with.

Excellent growth has been made by all trees during the past year, with the exception of two varieties—*Picea sitchensis* and *Pseudo-tsuga taxifolia*—these two having made very little headway.

Larch has again demonstrated its adaptability to this locality by rapid progress. Trees of this variety planted last season have made a vertical growth of from 4 in. to 18 in., and those planted during previous years, and which have become established, have put on a growth of from 2 ft. to 4 ft. 6 in. All varieties of pines have done exceedingly well, and have increased in height to an average of about 10 in.

The total number of trees planted during the year was 1,146,905 ; of this number, 34,200 were used to replace failures in former planting, and 1,112,705 were planted on an area of 408½ acres, making a total area of 1,451½ acres now under forest, containing trees to the number of 3,951,951.

It was found necessary to do a large amount of clearing before pitting operations could be commenced, some 283 acres being dealt with. About three miles of rabbit-proof fencing were erected to enclose part of the new area recently acquired.

Free Labour.—An average of five men was employed on day-labour and 7-83 on contract-work. The cost of pitting was 15s. per thousand ; tree-planting, 7s. 3d. per thousand ; clearing, 14s. 6d. per acre ; fencing, 4s. 4d. per chain.

Pitting.—Pits to the number of 866,880 were dug during the year. The number available for the coming season's planting is 144,500.

Tree-planting.—A total of 745,985 trees were planted out permanently on new area. A large proportion of the proposed planting-area was covered with heavy scrub, and of this, about 209 acres were cut and burned before pitting was commenced.