

SCHEDULE 3.—Three-year-old Trees, grown 1905-6. (Fourth Crop.)

Name of Tree.	Number in Nursery Lines.	Height in Inches.	Value per Thousand.	Total Value.	Remarks.
<i>Larix Europæa</i>	147,500	6-15	£ s. d. 3 0 0	£ s. d. 442 10 0	Good crop.
<i>Pinus Laricio</i>	156,900	3-6	3 0 0	470 14 0	"
<i>ponderosa</i>	7,800	4	3 0 0	21 18 0	"
Totals	311,700	..	..	935 2 0	

SCHEDULE 4.—Four-year-old Trees, grown 1904-5. (Third Crop.)

Name of Trees.	Number in Nursery Lines.	Height in Inches.	Value per Thousand.	Total Value.	Remarks.
<i>Betula alba</i>	1,500	24	£ s. d. 3 0 0	£ s. d. 4 10 0	Good growth.
<i>Pinus muricata</i>	6,000	12	3 0 0	18 0 0	"
<i>Picea sitchensis</i>	50,000	15	3 0 0	150 0 0	"
<i>Berberis aristata</i>	2,000	12	1 0 0	2 0 0	"
	59,500			174 10 0	

SCHEDULE 5.—Trees transferred to Hanmer Springs Plantation.

Name of Tree.	Number.	Value per Thousand.	Total Value.	Remarks.
<i>Larix Europæa</i>	196,750	£ s. d. 2 5 0	£ s. d. 442 13 9	Fair growth.
<i>Pinus Laricio</i>	299,425	2 5 0	673 14 1	"
<i>ponderosa</i>	61,700	2 5 0	138 16 6	"
<i>Benthamiana</i>	20,400	2 10 0	51 0 0	"
<i>Austriaca</i>	42,520	2 5 0	95 13 5	Good growth.
<i>Jeffreyi</i>	150	2 5 0	0 6 9	"
<i>contorta</i>	1,200	2 5 0	2 14 0	"
<i>muricata</i>	9,760	3 0 0	29 5 6	"
<i>Betula alba</i>	1,375	3 0 0	4 2 6	Fair growth.
<i>Pseudo-tsuga taxifolia</i>	1,500	3 5 0	4 17 6	"
<i>Picea sitchensis</i>	400	3 5 0	1 6 0	"
Totals	635,180	..	1,444 10 0	

T. B. CURLE,
Nurseryman in Charge.

KUROW NURSERY.

(Area, 45 acres; altitude, 676 ft.)

Rain fell on ninety-four days during the year, with a total fall of 14.43 in. The maximum monthly fall was registered in September, when 2.88 in. fell on twelve days.

The maximum temperature registered was 101°, minimum 20°. Barometer mean for the year 29.12.

The light rains experienced during the spring months were only of temporary benefit, the fall not being sufficient to moisten the subsoil. Growth made fair progress until December; the drought then set in, and intense heat and strong parching winds soon dried out what little moisture was in the soil. The great thing necessary at Kurow seems to be a "a good hard winter," with plenty of snow to thoroughly saturate the subsoil. Apparently, the average winter is much too dry and mild; consequently, under the conditions obtaining successful tree-growing and nursery-work generally is an impossibility.

Tree-seeds, One-year Seedlings.—To further test the possibilities of successful growth, a small mixed sowing of tree-seeds was made on the 18th October. With a few exceptions the braid was satisfactory. The growth at first lacked colour and vigour; subsequently, with careful treatment, and the absence of surface-watering, the seedlings improved and strengthened. The crop was grown on without any watering till the 3rd February. Owing to the great heat and long drought, to keep the trees alive, surface-watering had to be done almost every night during February. The unfavourable conditions soon told on the seedlings; the larch especially began to dwindle away and die off in patches, the bark of the roots from the ground-line being scalded and dried up; the pines stood the severe conditions much better—only a few of them were affected.

Fourteen acres of the nursery-ground was sown down in oats: the growth was poor, the grain light and shelly.