

Working Plan for Trial of *Larix laricina* in the Kamloops Region

Objective

The objective of this trial is to assess the field performance of *Larix laricina* when grown outside its native geographic range. Plots are located adjacent to two Asian larch *Larix gmelinii* and *Larix siberica*, research plantations which were established in 1986 (SX86121K).

Location

Seedlings will be planted at two sites, Knouff Lake and Cahilty Creek, in the Kamloops Forest District.

Trial Stock

Seed was obtained from the Alberta Forest Service and will be grown at Balco Nursery as 1+0 PSB313 stock.

Seedlot: AFS Genetics Accession #2294
Collected: Latitude - 52° 05'
Longitude - 114° 28'
Elevation - 960 m

Experimental Design

Two blocks of approximately 90 trees will be planted adjacent to established plots of SX86121K at each of the two locations.

Measurements

All trees within each plot will be measured for the following:

@ Planting - height, root collar diameter
1st Fall ('88) - increment, root collar diameter, condition
2nd Spring ('89) - condition
2nd Fall ('89) - increment, root collar diameter, condition
5th Fall ('92) - increment, root collar diameter, condition

Report Distribution

Silviculture Officer - Kamloops
District Manager - Kamloops
Library - Silviculture Branch