

SPECIES TRIALS IN THE
PRINCE GEORGE FOREST REGION

SX NO. 90-100G

(03) Red Cedar

PROGRESS REPORT NO. 1

Submitted By:

AURORA FORESTRY SERVICES LTD.
P.O. Box 168
Prince George, BC
V2L 4S1

John Revel
October, 1993

SPECIES TRIALS IN THE PRINCE GEORGE FOREST REGION
(03) RED CEDAR

Background:

This trial is designed to gain experience in growing and planting a wide range of species, both indigenous and introduced from other parts of the world.

Western red cedar is a very important species in the Interior Cedar-Hemlock Zone in the Robson Valley. Some of the best volumes (m.a.i) in this zone occur in stands with a cedar-white spruce mixture. Rot in the cedar is associated with overmaturity.

Progress Report No. 1:

Four plantations were planted in the ICH Zone in Spring 1992 (Table No. 1). With the exception of the plantation on the Mountain View Road near McBride survival was good. The best plantation was on Westridge Road with excellent foliage colour. On other sites foliage was "dry" and reddish.

Results:

1. Average survival was 71% and ranged from a high of 98% at Spittal Creek to a low of 22% on the Mountain View Road (Table No. 1).
2. No animal feeding (deer) was observed on foliage.

Recommendations:

1. These plantations may suffer further mortality and be subject to animal damage. They should be remeasured in Autumn 1995.
2. A ten (10) year growth measurement should occur in 2002 A.D.
3. The plantation on the Mountain View Road near McBride should be abandoned due to low survival and dense thimbleberry.

SPECIES TRIALS - RED CEDAR
PLANTED SPRING 1992

Table No. 1
SX90-100G (03)

Location	Biogeo Climatic Zone	Survival (%)	Total Height (cms)	Range (cms)	Current Leader (cms)	Range (cms)
Spittal Creek Tete Jaune	ICH	98	36.9	23 - 58	11.2	6 - 20
Westridge Rd Valemout	ICH	94	42.0	23 - 57	11.5	7 - 20
Mountain View Rd McBride	ICH	22	35.0	26 - 57	8.8	6 - 14
Goat River McBride	ICH	72	29.2	15 - 42	9.5	6 - 14
Average		71	35.8	15 - 58	10.2	6 - 20