SX 85106G

RECIPROCAL PLANTING OF TYPICAL WHITE SPRUCE PROVENANCES IN THE BOREAL BIOGEOCLIMATIC ZONE IN SPRING 1985

Working Plan
1985

J. Revel
SX Trial No. 85 106G

Title: Reciprocal Planting of typical White Spruce Provenances in the Boreal Biogeoclimatic Zone in Spring 1985

Working Plan
By J. Revel

Objective: To plant 1 hectare blocks of typical white spruce provenances (of the same and representative age classes on typical Mesoic sites) from other Sub Zones in the Boreal Zone in conjunction with regular planting in each Sub Zone (F.D. 7, 8 and 9) (including one provenance from the Sub Boreal Zone).

To compare the long term differences in growth (by measuring height, leader growth and form etc.) of typical provenances moved North and/or South with local provenances.

To confirm the current seed transfer rules.

Methods: 1. R.O. Silviculture (F.D. 7, 8 and 9) to select representative seedlots and Mesoic sites scheduled for spring 1985 planting.

2. Each R.O. Silviculture will clearly mark 2 cartons (1000 trees) for each of the other 2 R.O. Silviculture with F.D.____ Seedlot _______ SX 85 106G and SPECIAL and identify with spray paint and ship to each other R.O. Silviculture before Spring Planting.

3. J. Revel to select a typical Seedlot from Sub Boreal Zone, mark as in (2) and ship to each R.O. Silviculture before Spring Planting (F.D. 7, 8 and 9).
4. Each R.O. Silviculture to arrange for planting Spring 1985 as shown on attached map.

5. Very careful detail must be made of marking blocks and submitting an accurate map to J. Revel and entering on Mylar Maps.

6. Brushing and weeding (if necessary) and Measurement of relative growth (R.P.A. plots?) will be done at 5 year intervals (or as determined).
STRIAL No 851066

RECOMMENDED PLANTING OF WHITE SPRUCE

PROVENANCES IN THE BOREAL BIOECOLOGICAL ZONE - SPRING 1985

LAYOUT

AREA PLANTED WITH LOCAL PROVENANCES (EASILY LOCATED FOR 20 YEARS)

CUT BLOCK

3 PROVENANCES (PRL from other 2 boreal FD's AND 1 FROM SUBBOREAL ASSIGNED AT RANDOM TO THE 3 BLOCKS)

BLOCK DETAIL

- 4x6 Cedar Post
- 2x4 Cedar Stake
- 4x4x4 Cedar Post + 1.5" Angle Iron Plus Stone Marker (if available)

Mark 5x NS and Date of Planting and Seedlots No. on all Posts with Metal Flag.

IRON PIN FOR THIS PLOT

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