

## Working Plan for 1988 Summer Plant - Storage Trial

### Objective

To assess the effect various periods of field and refrigerated storage will have on the performance of summer-lifted container grown Engelmann spruce stock.

### Location

Two sites - both in Kamloops District, Kamloops Region  
 Birk Creek - northeast of Barriere  
 Paska Lake - northeast of Logan Lake

### Trial Stock & Treatments

Stock Type - 1+0 PSB313  
 Seedlots - 4022 - Birk Creek  
 29753 - Paska Lake  
 Nursery - Lake Cowichan Forest Research Centre

The lift/storage combinations will consist of trees being hot-lifted and placed in either open-box field or refrigerator storage for varying periods of time prior to planting. This pattern will be replicated twice; once in July and again in August.

<u>Lift period</u>	<u>Storage</u>
20 days	field & fridge
11 days	field & fridge
5 days	field & fridge
1 day	fridge

### Plot Design & Stock Requirements

A fully randomized design will be used on both sites

2 sites \* 7 lift/storage \* 5 rows \* 10 trees \* 2 planting dates = 1400 trees

Spacing within rows = 1m; between rows = 2m

### Planting & Assessment Dates

Plant - July 26 & August 30, 1988  
 Assessment - Fall '88, Fall '89 & Fall '92 (Final)

### Summary & Report

2nd Year Summary - Fall '89  
 5th Year & Final Report - Fall '92

### Report Distribution

Silviculture Officer, Kamloops  
 Research Officer, Kamloops  
 District Manager, Kamloops  
 Library, Silviculture Branch