Leno Prepared Planting Trial

Working Plan - Fall 82

S. Willis 1983
LENNO PREPARED PLANTING TRIAL

WORKING PLAN

1. **Objectives**

   To compare the survival and growth of Lodgepole Pine when
   
   a) planted on unprepared spot (UT)
   b) planted in depression created by Lenno scarifier (DP)

2. **Location**

   b) Palmer Lake, Chilcotin District. 37 km north of Alexis Creek.

3. **Trial Stock**

<table>
<thead>
<tr>
<th>Seedlot No.</th>
<th>Stock Type</th>
<th>Code</th>
<th>Nursery</th>
</tr>
</thead>
<tbody>
<tr>
<td>3693</td>
<td>PSB 211</td>
<td>UT, DP</td>
<td>Koksilah</td>
</tr>
<tr>
<td>3619</td>
<td>PSB 211</td>
<td>UT, DP</td>
<td>Vernon</td>
</tr>
</tbody>
</table>

4. **Plot Design**

   Each location has 3 plots of 8 lines for a total of 24 lines. The
   two plots at each location contain randomized lines of the
   two treatments described in 1 a) and 1 b).

5. **Stock Requirements**

   2 treatments x 8 lines x 2 locations x 50 seedlings = 1600 + 400 spares =
   2000 trees in all.

6. **Dates of Planting and Assessments**

   Plant Spring 83
   Assess plots 1-4 Fall 83, Fall 84 and a 5 year final, Fall 88.

7. **Summarize and Report**

   Summarize data from 2nd assessment and issue interim report Winter 84/5.
   Summarize 5 year data and issue final report Winter 87/8.
Working Plan For SX 82104 Leno Prepared Planting Trial

1. Objectives

To compare the survival and growth of Lodgepole Pine when

A) planted on unprepared spot (UT)
B) planted in depression created by Leno scarifier (DP)
C) planted in turned-over divot created by Leno scarifier thus providing a double humus layer (DV)

2. Location

A) Day Lake, Forrestdale - Burns Lake, P.S.Y.U. Lakes District
B) Palmer Lake, Chilcotin District. 37 km north of Alexis Creek.

3. Trial Stock

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4. Plot Design

Each location has 3 plots of 8 lines for a total of 24 lines. The first 2 plots at each location contain randomized lines of the first 2 treatments described in 1A) and 1B). The 3rd plot at each location contains the treatment described in 1C).

5. Stock Requirements

3 treatments x 8 lines x 2 locations x 50 seedlings = 2400
+ 400 spares = 2800 trees in all.

6. Dates of Planting and Assessments

Plant Spring 83
Assess plots 1-6 Fall 83, Fall 84 and a 5 year final, Fall 88

7. Summarize and Report

Summarize data from 2nd assessment and issue interim report Winter 84/5.
Summarize 5 year data and issue final report Winter 87/8