Interim Report

SX 85703Q
Maple Coppice Trial
Skutz Falls - Duncan

Introduction

This trial was assessed on September 16, 1987 to determine efficacy of Manual versus chemical treatment of Broadleaf Maple (Acer macrophyllum). Treatment details are presented in Table 1.

Table 1: Summary of Treatment Data

<table>
<thead>
<tr>
<th>Unit</th>
<th>Treatment</th>
<th>Treatment Date</th>
<th>Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Chemical-Roundup</td>
<td>86-09-?</td>
<td>Backpack</td>
</tr>
<tr>
<td>B</td>
<td>Manual Cutting</td>
<td>85-09-05</td>
<td>Machete</td>
</tr>
<tr>
<td>C</td>
<td>Control-Un treated</td>
<td></td>
<td>-</td>
</tr>
</tbody>
</table>

Results

A. Chemical - of the 20 treated samples, only 3 show minor signs of survival with severely dwarfed and deformed leaves. None of these surviving plants are expected to offer any degree of competition to the seedlings.

B. Manual - all 20 treated samples showed vigorous resprouting to levels exceeding pretreatment conditions and matching size of similar untreated samples.

C. Control - all 20 samples appeared healthy and showed vigorous growth since initial cutting.

Conclusion

Manual cutting of maple coppices during late summer results in vigorous resprouting. Chemical application of Roundup (glyphosate) during the same period, using backpack sprayers can achieve acceptable levels of control. It is essential that complete coverage and reasonable penetration is achieved.

Future Assessments

The final assessment of this trial is scheduled for August, 1988. Following this, the site will be returned to the District who may wish to treat the Manual Cutting and Untreated Control units. It is recommended that the area be retained by the District as a demonstration area.

G. C. Ackerman
Silviculture Branch
SKUTZ FALLS

OPENING

L. 18

Blk. 173

Unit F
ELEVATION - 150 m
BT9, 80
W63, 84 + L78, 79
P60, 81, 83

Cowichan

R.

For information contact:
Gordon Ackerman @ Victoria
Silviculture