Working Plan: Sx  
Gromax Trial

Title: Performance of western redcedar planted with three types of Gromax tea-bag fertilizer.

Objective: To assess the performance of western redcedar planted with three types of Gromax "tea-bag" type of fertilizer: Gromax Transplant 2, Gromax Transplant 5, Gromax Transplant Plus, on a mounded site on the Queen Charlotte lowlands.

Location: Openings 103F080-13 and 103F080-01, in the opportunity wood sales, approximately 8km north of Pt. Clements in the Queen Charlotte Forest District.

Design and stock planted:
This trial tests the performance of redcedar in four treatments, as follows:
- Gromax Transplant 2:
- Gromax Transplant 5:
- Gromax Transplant Plus:
- Control

Western redcedar plug stock (PSB415B) will be planted in all treatments. Treatments will be replicated four times in a block, with three blocks in all being installed in the openings. The openings are entirely mounded. The fertilizer "teabags" will be placed alongside the root plugs of the seedlings, as close to the bottom of the planting hole as possible. Twenty-five trees surrounding the centre point of each treatment unit will be selected and identified with an aluminium tag. Each ID tag will bear the tree number and treatment used on that tree. The height and condition will be recorded for each of the seedlings which are tagged.

Data Analysis and Reporting: Analysis of Variance (ANOVA) will be run for this randomised complete block design. ANOVA's will be run following each measurement. The tree condition/browse results will be discussed and covered more subjectively. The interim report will be prepared following two measurements. The final report will be prepared following the fourth.

Dates of Assessment: Trees will be planted in the spring of 1993. First measurements of the seedlings will occur in the spring of 1993 and will constitute the initial records. The second measurement will be taken in the fall/winter of 1994, (after one growing season). The third measurement will be taken in the fall/winter 1995. The fourth and final measurement will be taken in 1997/1998.