1993 TRIALS - SAANICH TEST NURSERY

SUBJECT: PRODUCTION OF WESTERN LARCH STECKLINGS

Background

In 1990 a trial was conducted at Saanich Test Nursery to test the production of stocklings of Sw, Lw and Fdc. The Lw portion of the trial was partially successful, in that 40-50% of the cuttings rooted. While good plugs were formed in the stocklings, the stems developed a problem with lack of leader dominance. A trial will be started in 1993 to further examine the potential for producing western larch stocklings. The donor stock will be sown in early 1993. The production of cuttings will not commence until 1994. Information gained from outside sources, such as Great Britain will be used to determine the treatments tested.

Trial Work Required:

The donor stock will be sown at Saanich Test Nursery in early 1993 and potted up in the late spring. Cuttings will be taken in the winter and summer of 1994 and the winter of 1995. Some different rooting media will be tested to see if there is any effect on the percentage of cuttings which root successfully. As was discovered in the 1990 trial, certain equipment, such as proper underbench heating (rerouting of fanjet tube) and a fog system or humidity controlled mist system to provide consistent humidity will be required.

Seedlots:  Lw 07058  B1\DAR\890  m\93% germ\287  s/g.
          Lw 05102  B2\DIN\1240m\83% germ\285  s/g.