

SX 83112 N

WORKING PLAN

CERBEL SHELTER CONE TRIAL

Robin Fawcett

REPORT SX 83112-N

INTERIM

FINAL

DATE 1983-10-26

TITLE Cerbel Shelter Cone Trial - Cranbrook Forest District

Report prepared by:

S. Robin Fawcett (Signature)

Robin Fawcett (Typed)

Report & Distribution
approved by:

H. Nyst (Signature)

H Nyst (Typed)

(a) Wide Distribution

(b) Limited

(i) Internal - Branch only

(ii) External - Designated

(iii) Ministry only

COPIES TO

Silviculture Branch
Nelson Region
Cranbrook Forest District
Crestbrook Forest Industries Ltd.

Approved:

Manager -

D.L. Oswald (Signature)

D.L. Oswald (Typed)

SILVICULTURE TRIAL WITH CERBEL SHELTER CONES
ON FORMER TSHL A02044, CUTTING PERMIT 91

PURPOSE:

The purpose of this project is to determine the viability of the Cerbel Shelter cones in different depths of duff.

SITE DESCRIPTION:

Two (2) different sites have been chosen for the trial (Former T.S.H.L. A02044, Cutting Permit 91, Blocks 11 and 12). Both sites range in elevation from 1737m to 1828m and have been burned. After burning, C.P. 91, Block 11 was disc scarified. The sites are located in the ESSF biogeoclimatic zone. Block 12 has a deeper duff layer. Both sites average 30% slopes. Block 11 has a NE aspect and Block 12 has a W to NW aspect.

SEED:

This trial will use stratified Spruce seed from seed zone 4030, Seedlot #2337, collected in 1974 in the Wildhorse River area. The germination rate is 82%. It comes from elevation 1.981 km (6500 ft.).

1000 cones x 3 seeds/cone = 3000 seeds
3000 seeds ÷ 358.3 viable seeds/gram = 8.4 grams minimum
Total requested 10 grams.

Stratified?

METHOD AND TIME OF SEEDING:

The cerbel funnel cones will be used for this project. One thousand (1,000) cones will be sown in conjunction with planting in early June.

SAMPLING PROCEDURES:

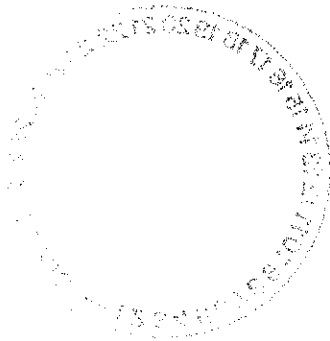
Every cone will be checked to determine germination. Data will be recorded 1 month, 2 months and 4 months after sowing and will include number of germinates/cone, number of cones crushed and number knocked over. Data will be submitted to the M.O.F. along with the Final Cost Claim in the Fall of 1983. Future Section 88 dollars will be incurred to monitor success of the project.

Estimated cost for the initial work is approximately \$1,000.00, which will be covered under Section 88.

RESPONSIBILITIES

Crestbrook Forest Industries Limited will be responsible for monitoring the entire project.

Map?



SX 83112 N
Licensee
Crestbrook
Forest
Ind. Ltd.,
Cranbrook
Abandoned

Uerbel Shelter Cone Trial

Officer i/c: R. Fawcett
Location: Sundown Creek
Region/District
OR NURSERY Nelson/Cranbrook Forest District
Objective: To determine viability of the Uerbel shelter cone
in different depths of duff.
Progress: Working Plan completed.
Next Scheduled
Assessment/Treatment: Assessment Fall '87
Report Distribution: Silviculture Branch Library, Victoria
Nelson Region S.O.
Cranbrook Forest District
Crestbrook Forest Industries Ltd.

~~Complete~~
Abandoned