TITLE: Sheep grazing as a silviculture treatment to control competing vegetation in young plantations.

CONTACTS: D. Yole, B. Drinkwater (Regional Range, Smithers), S. Simms, J. Bianco (Kispiox F.D)

LOCATION: Gail Creek, Suskwa Valley

REGION/DISTRICT: Prince Rupert/ Kispiox

OBJECTIVE: To monitor the effect of sheep grazing as a silvicultural tool to control competing vegetation (primarily fireweed) and to assess the resultant effects on tree seedling growth.

METHODS: The first year measures would incorporate a modified version of the NIVMA (Northern Interior Veg Management Assoc.) procedures which are commonly used to assess response of vegetation to various silviculture treatments.

The methods would allow for the establishment of 2 - 40x40 meter fenced enclosures and 2 - 40x40 meter sampling areas within the grazed or operational area in order to compare treatment response.

The sample design would allow for a minimum of 200 trees in each treatment for assessment of survival and 40 trees sample for height and caliper.

MEASUREMENT SCHEDULE:

May-June 1992 - Install fenced enclosures and NIVMA plots for subsequent assessment.
- Do pre-season seedling assessment prior to sheep grazing.

July 1992 - Do peak vegetation cover assessment in control and grazed areas.
- Take clip samples in control/grazed areas (3 random clips per treatment).


Oct./Nov. 1992 - Data entry

Jan. 1993 - Summary report
Sheep Grazing as a Silviculture Treatment to Control Competing Vegetation in Young Plantations

Title:
Control Competing Vegetation in Young Plantations

O.C.:
S. Simms

Evaluator:

Location:
Gaii Creek, Suskwa Valley

Region/District:
Prince Rupert/K'ispiox

Objective:
To monitor the effect of sheep grazing as a silvicultural tool to control competing vegetation (primarily fireweed) and to assess the resultant effect on tree seedling growth.

Progress:
Initiation - trial to be established Spring 1992

Next Scheduled Assessment/Treatment:
Spring July 1992 - vegetation cover assessment
Fall 1992 - seedling measurement
Jan 1993 - Summary Report

Report Distribution:
Silviculture Branch Library, Victoria
Silviculture Officer - Prince Rupert Forest Region
Silv. Officer - K'ispiox Forest District
Silviculture Trial Summary

Title: Sx 92 701 R
A comparison of three methods of vegetation control in thimbleberry/fireweed complexes in the ESSF wv subzone in the Kispiox TSA.

Officer: P. Hanna

Location: Suskwa FSR

District: Kispiox

Objective: To compare survival, growth and damage of seedlings following sheep grazing, manual brush breaking and herbicide treatment.


Report Distribution: Kispiox Brushing and Weeding Advisory Committee
Kispiox Library
NIVMA
Prince Rupert Region
Silviculture Branch, Victoria