FORT NELSON DISTRICT

1991 Ripper Flowing/Direct Seeding Trial

Purpose: To determine the effectiveness of direct seeding of white spruce on ripper plowing as a reforestation technique in the BWBS.

Location: Upland site - block 9403w#08(Highway 77, km 30)
BWBS mw2 - 05$ 0/1

Trial Length: 5 years, measurements taken at 1, 3 and 5 years after coniferous shoot elongation. Data collection period can be extended if desired. Report to be generated at 5 years.

Method: This block was ripper-plowed in the winter of 1990/91. The block will be seeded in mid-April of 1991. Ten permanent sample plots (1.70 meters in diameter) will be established in the fall of 1991. Stakes will be used to permanently identify the plot centres. Total sampling area will be approximately 100 square meters.

Supplies: 18 cedar stakes, 1.5 kg of Sw seedlot # 00505
10 Randomly Distributed Circular Plots (r = 1.75m)

Direction of Ripper Plowing

Direct Seeding Trial

Buffer

50m

70m