



Bednesti 2004





Natural spruce just in front of B5. Spruce probably came in shortly after treatment, so is around 17 or 18 years. It has a few first cones this year. Tree is 6.4m tall and 70cm growth this season. Also 3 year average is 70cm.



Small spruce tree in front of B5, 4.4m tall grew 1.7m in 3 years or 57cm.year average. But only 40 cm this year.



Plot B5 disc trench hinge...Jake is at bottom of plot.



Blueberries are out.



B5- pine, 8.3m tall, 70cm growth this year.



In stand -percentage cover with hypsometer, about 60%. open between rows and 20% under rows. Crown lift is from around 1.0 to 1.8m in height. Usually very few live branches at 1m, but a few branches "hang on"



Flower on fireweed plots close to edge. In trees, no flower. About 10-15% :fireweed cover in plot with slight ungulate browse, approximately 80 cm.



Spruce in plot by pine tree number B77. Spruce is 3.2m tall.



B78 pine dead from comandra.



Natural Douglas fir at edge of plot 2.9m.
NOTE: Fireweed in bottom of plot is in flower. More morning sun? Moister?



B73 tree has grown into gall at about 1m on stem.



Plot B2 disc trench showing row of trees from top to bottom of plot. Tree at the bottom of plot is 7.1m. Tree in hole next to it is 5m. Next tree is 6.4m, 4th tree up from the bottom is 7m.



dia 0319

Rabbit trimmed bottom branches of pine.



dia 0318

VH mulcher microsite planting trial. Tree on top of mound is dead from Comandra. Tree on midslope is 5.1m and tree in hole is 3.9m.



dia 0317

Aspen clone Aspen#1631 is 11.6m tall. This would represent top portion of clone around 12m established in 1987, so 18 years old. A sample dominant aspen measured but not photographed, was 12.9m tall. Live crown is 6.4m from ground, so 6.5m of live crown or (taken from level of foliage not bottom of live limb) so approximately 50%. So clone is about 12m tall.



Pine under clone is very poor. With 2 BA prism, BA=24, with 92% aspen and 8% pine. About 73-75% cover, but very uniform. Biggest hole is 1% max. 2.5m tall spruce is growing 13cm/year for last 3 years.

Using 1.78 radius plot

PLOT#1 11,000 live aspen, 6000 dead. **PLOT#2** 15,000 live, 3000 dead.



Bednesti weather station. Spruce 5.4m tall and is growing around 50cm/year. Alder was not brushed last year unless early in spring.



Open area by weather station. 2-3% Black twinberry 80 cm tall on average. 30 % fireweed, 80 cm average. 25% alder, about 1.3m. Plus shrubs-blueberry, hawkweed, twinflower, etc. About 90% ground cover. Spirea, pyrola, a few cranberry. Spruce at end of plot is 4.2m, 1.7m in 3 years, so just over 60cm.



Virtually no berries on bushes under canopy.



Weather station in bush.



Understory under pine. Crown lift 1-1.8 meters. This plot has a bit more pine cover between rows usually around 50%, but as low as 25% where crown are touching in rows 20-25%.



Bedding plow-trees are close and more uniform. C2 bedding plow- 80% crown cover. Common for lift to be 2 meters. Some trees still have a few branches to 1 meter. One crown up to 3 meter lift. About 2m spacing on this plot. Dominant trees about 8.5m tall.



dia_0309

Planted larch.



dia_0307

Canker/gall on tree 189, plot D7
control



dia_0308

Canker/gall on tree 189, plot D7
control



Black spruce.



C8 delta furrow lots of aspen, about 6m tall.