

Swamp Conifer

Project Subject/Title: Swamp Conifer Strip Cut

County: Washburn

TRS: T41N R10w sec. 22

Contact Person: Jim Halvorson, 715-635-4081

Type of Prescription: Strip cut

Year Initiated: 1979, 2000 (regen survey)

Abstract/Prescription:

An 18 acre swamp conifer stand was strip cut in 1979 to encourage white cedar regeneration. Regeneration surveys were conducted at ten and twenty years after treatment.

Results:

- A regen survey was conducted in 4/91 and again in 2003
- The stand had good cedar regeneration initially however heavily deer browsed.
- Cedar regen initially was 2700 trees/ac and black spruce was 2,000 trees/ac.
- Balsam fir and tamarack were minor species that also regenerated and doing marginally well. Tamarack seems to be establishing.
- Some sedge is taking over covering sphagnum moss. Also some alder establishing.

Discussion/Recommendations:

- Establish deer control measures.
- Set up deer exclosures to observe deer browse vs no browse plots at site.
- Adequate seed bed (sphagnum mat to ensure germination).

Site/Conditions:

Site Index: 28

Cover type: swamp conifer

