

Establishing a Poverty Oats (*Danthonia spicata*) Production Site on the Superior National Forest

FY 2008 Accomplishments



Sawbill Landing *Danthonia spicata* photopoint

Year Awarded: 2007

Project completion: 2009

Report number: 2 of 3

Expenditures:

- FY07 funding \$24,000; expend. \$74; obligated \$22,110; balance \$1816

Contractors:

Prairie Restorations/Boreal Natives
3943 Munger Shaw Rd
Cloquet, MN 55720

UAP

P.O. Box 557

Monticello, AR 71567

Contact Person & phone number:

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Background

- Original proposal was for herbicide site preparation of old Isabella Environmental Learning Center (ELC) site followed by fall 2007 seeding of field with *Danthonia spicata*, with seed harvest and cleaning in 2008 and 2009
- After further field examination, we decided to use Sawbill Landing (a 6 ac weedy old log landing) as the production site rather than the 4.5 acre Isabella ELC site because the Sawbill site has fewer rocks and will be easier to plant and harvest.
- *Danthonia* seed price increased 40% in 2007. Also, we decided to use a higher seeding rate than originally proposed because of seed company recommendation. Because of seed cost increase, greater acreage to seed, and higher seeding rate, the seed cost was much higher than budgeted.
- Herbicide spray contract was also more costly than planned because of higher acreage.
- Because of higher costs, NFN3 funds are being used to pay for site prep and seed purchase. Appropriated funds will be used to pay for seed planting, harvest, and cleaning.

2008 Accomplishments

- Herbicide site prep completed – approx. 90% reduction in spotted knapweed cover
- September 2008 – Approximately 145 lbs. of *Danthonia spicata* seed was broadcast seeded at 25 lb./ac
- Three photomonitoring points were established & plant species list was made for each photopoint.
- Seed harvest and cleaning will occur in 2010 using appropriated funds



Danthonia spicata dominated field



Superior National Forest

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