



Development of Genetically Native Seed Materials for Restoration and Rehabilitation of Burned Areas in Northern Utah and Southeastern Idaho 2006 Accomplishments

This project involved the collection and growth of native plant seed from local genetic stock within three ecological sections of northern Utah and southeastern Idaho (Uinta Mountains, Overthrust Mountains, and the Bonneville Basin). Seed is currently being grown for the native plants listed in the table below. These native seeds are for use in revegetation and rehabilitation of burned areas where exotic plants currently dominate, or have the potential to dominate, and would also be available for use in future restoration projects. They will be used in areas where native plants are necessary in order to achieve revegetation objectives.

Lucky Peak Nursery in Boise, Idaho is now producing seed for the Wasatch-Cache, Uinta, and Ashley National Forests in northern Utah and the Caribou-Targhee National Forest in southeastern Idaho. Mountain brome, blue wildrye, Sandberg's bluegrass, bluebunch wheatgrass, arrowleaf balsamroot, lupine, and showy goldeneye are currently planted and producing seed at the Nursery. Blue wildrye and Sandberg's bluegrass were collected from two different ecological subsections and are being grown as distinct plantings.



Showy goldeneye is one of seven different species being grown by Lucky Peak Nursery for seed production.

The seeds planted on the lands acquired by the Wasatch-Cache National Forest in 2005 were out-competed with non-native species. Because NEPA had not been completed for the control of these species, the forest was unable to prevent the invasion and this planting was unsuccessful.

Species	Beds	Acres
<i>Bromus carinatus</i>	4	0.3
<i>Elymus glaucus</i>	8	0.6
<i>Poa secunda</i>	8	0.6
<i>Pseudoruegnaria spicata</i>	4	0.3
<i>Balsamorhiza saggitata</i>	4	0.3
<i>Lupinus argenteus</i>	4	0.3
<i>Viguiera multiflora</i>	4	0.3

Partners: The Wasatch-Cache National Forest is cooperating with the Lucky Peak Nursery in the establishment and production of native seed for the Wasatch-Cache, Ashley, and Uinta National Forests.

2006 Expenditures: In Fiscal Year 2006, \$2,766 was paid for project oversight and \$12,000 was transferred to Lucky Peak Nursery to sow and grow native seed.

Other Funding: The forest has provided an additional \$14,183 toward funding additional seed development for this project.

Year Awarded: 2005

Projected Completion: 2008

Report Number: 2 of 3

Contact Person: Mike Duncan

Phone Number: 801-236-3415

**Intermountain Region
Wasatch-Cache National Forest**

8236 Federal Building
125 S. State Street
Salt Lake City, UT 84138

