

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

2005 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 grown from these native plants are for use in revegetation and rehabilitation of burned areas where exotic plants currently dominate. Seed would also be available for use in future restoration projects, used in areas where native plants are necessary in order to achieve revegetation objectives.

In 2005, the following species were collected and provided to Lucky Peak Nursery in Boise, Idaho for cleaning, sowing, and producing seed for three years for the Wasatch-Cache, Uinta, Caribou-Targhee, and Ashley National Forests in northern Utah and southeastern Idaho: bluebunch wheatgrass, Sandberg's bluegrass, blue wildrye, Nelson needlegrass, mountain brome, Hood sedge, arrowleaf balsamroot, showy goldeneye, sticky geranium and glandular cinquefoil. Additional seed were collected to be grown on a portion of the Wasatch-Cache National Forest for the purpose of seed production. These include rubber rabbitbrush, slender wheatgrass, glandular cinquefoil, purple threeawn, and sticky geranium. Seed from other species will be collected and planted in the future on approximately 3-5 acres on national forest lands.



Sticky geranium is only one of ten different species being grown by Lucky Peak Nursery for seed production.



Utah Senator Bob Bennett dedicates the lands donated to the Wasatch-Cache National Forest by the Trust for Public Land, a small portion of which will be used to grow native seed for restoration purposes.

Year Awarded: 2005

Projected Completion: 2008

Report Number: 1 of 3

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Partners: In addition to the Lucky Peak Nursery, the Wasatch-Cache National Forest is cooperating with the State of Utah in the site preparation for seed development on the Wasatch-Cache National Forest site. This work is being done in conjunction with an adjacent wildlife habitat improvement project. Ultimately, it is the goal of the forest to have seed from natives grown on national forest lands to be maintained through a stewardship contract.

2005 Expenditures: In Fiscal Year 2005, \$16,346 was spent for native seed collection and project management. An additional \$361 was transferred to Lucky Peak Nursery to clean the seed and \$42,000 has been transferred to sow, grow and provide native seed for three years.

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



**Intermountain Region
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