

Native Seed Collection and Increase on the Minidoka Ranger District, Sawtooth National Forest

2010 Accomplishments

Conservation Seeding & Restoration, Inc. (CSR, Inc.) of Kimberly, Idaho was awarded a \$66,000 contract in 2007 for seed collection of 9 native species as well as GPS locations, collection site mapping and seed increase and plant material production.

CSR, Inc. collected seed from 2007 through 2010 on the Minidoka Ranger District from the following species: Bluebunch Wheatgrass, Great Basin Wildrye, Sulfur Buckwheat, Little Sagebrush, Mountain Big Sagebrush, Pinegrass, Bitterbrush, Silky Lupine, and Indian Ricegrass.

In 2009 CSR, Inc. implemented seed increase and plant propagation in Buhl, Idaho.

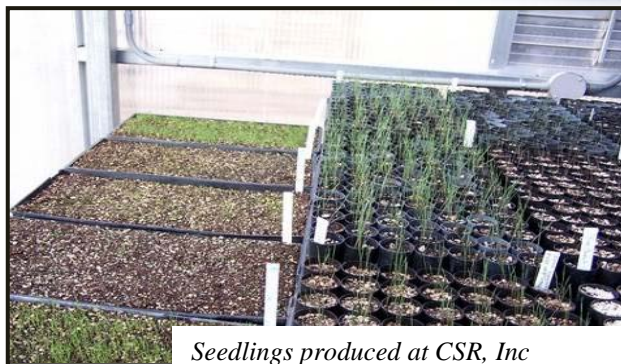
October 2010 Seed Increase and Propagation status is:

- 750 Bitterbrush seedlings (2011 planting)
- 400 Little Sagebrush seedlings (200-2010 & 200-2011 planting)
- 2 PLS lbs Bluebunch Wheatgrass seed
- 3 PLS lbs of Silky Lupine seed
- 2PLS lbs of Indian Ricegrass seed
- 4 PLS lbs of Sulfur Buckwheat seed
- 63 PLS lbs of Great Basin Wildrye seed

Currently contract modifications for Pinegrass and Indian Ricegrass are being considered and will be determined after bulk seed testing of 2010 collection. Other modifications are for the substitution of Silver and Broadleaf Lupine for Silky Lupine and Parsnip Flowered Buchwheat for Sulfur Buchwheat seed. Modifications are due to lack of species abundance for collection and "crop failure" in increase plots of Silky Lupine, Pinegrass and Sulfur Buckwheat due to possible acclimation or water stress.



*Sulfur Buckwheat
one of the native
species that was
collected on the
Minidoka RD.*



Seedlings produced at CSR, Inc

Year Awarded: 2007

Project completion: complete 2011

Report number: 4 of 4

Contract: FY07-\$78,000

Expenditures: FY07-\$66,000 for collection, mapping & GPS locations, and seed increase & seedling production.

FY07-\$3700 to Lucky Peak Nursery for ongoing seed increase and storage collected on Sawtooth NF with 2006 NFN3 funding.

FY09 - \$ 3,870 CSR Inc. contract extended to 2011 the modification included additional Indian Ricegrass seed and plug collections, an additional year for seed increase plots of Lupine, Buckwheat, Great Basin Wildrye, and Grouse Whortleberry seed collection and seedling production.

Contractor:

Conservation Seeding & Restoration, Inc.

Contact Person & phone number

Dena Santini, Wildlife Biologist 208-678 0430

Rich Prittie, COR 208-677 8306

Deb Taylor, North Zone Botanist

208-622 5371



Sawtooth National Forest
2647 Kimberly Road East
Twin Falls, ID 83301