

Plumas National Forest

Plumas National Forest Native Plant Propagation Initiative- Project made possible through the Native Plant Materials Earmark Projects

The Plumas National Forest (PNF) botany program sought to stimulate local production of native grass stocks for rehabilitation of areas affected by fire and/or forest management activities. Several seed mixes were developed in regards to elevation, moisture regime, and whether the collection locality is on the east or west slope of the Sierra Nevada crest. Species to be propagated included *Elymus glaucus*, *Bromus carinatus* var. *carinatus*, *Bromus orcuttianus*, *Bromus laevipes*, *Hordeum brachyantherum*, and *Elymus elymoides*. Seed collection in six seed zones throughout the forest was to be accomplished via contract. Seed was to be bulked at a local greenhouse (Sierra Valley Farms).



Photo of Sierra Valley Farms in Beckwourth CA

Project Goals- Accomplishments in bold

1. Seed Collection- Collect seed from all seed zones
Approximately 24 pounds of native seed were collected throughout the forest via two local contractors and the TEAMS enterprise team in FY05.
2. Seed Bulking- Contract local seed bulking through Sierra Valley Farms (expected yield-2,484 pounds of seed)
Due to cost savings two years of bulking will be accomplished with the funding available (expected yield-after year two- 8163 pounds)
3. Ability to rehabilitate burned areas- anticipated area 166 acres
Due to two years of bulking the Plumas National Forest will be able to rehabilitate 544 acres of burned areas with native seed.
4. Develop a local source of native seed
A contract was developed with Sierra Valley Farms, a nursery within the Plumas National Forest boundary. This nursery is now set up to produce bulk amounts of native grass seed.

Project Cost: \$50,000

Amount Obligated in FY05: \$49,958

Type of Project: Seed collection and bulking at a local nursery to build a seed cache for fire revegetation

Year awarded: 2005



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