

# Seedbank Roads Project Lassen National Forest 2011 Accomplishments

This project launches the Lassen NF's Seedbank Roads Project to establish soil-building native forb species on decommissioned roads in eastside pine forest areas.

In Summer 2011, five segments of ripped and recontoured decommissioned roads were selected as Seedbank Roads. Road segments were sampled to determine current native plant regeneration, and soil samples within and outside of the road prism were analyzed to determine soil nutrient deficiencies. Road segments were seeded with native forb and grass species (*Lupinus argenteus*, *Lotus purshianus*, *Eriophyllum lanatum*, *Elymus elymoides*) with materials from Pacific Coast Seed, Inc. and Sierra Cascade Nursery. Road segments were also mulched with weed-free native grass straw from J. Herbert Stone Nursery, and portions were amended with a slow-release fertilizer. Road segments were signed to discourage motorized vehicle access on routes.

A third of a mile has thus far been seeded, and enough supplies remain to seed an additional quarter mile. Additional decommissioned road segments will be seeded as they become available.



Figure 1: Decommissioned and ripped road segment., Eagle Lake Ranger District.



Figure 2. *Lupinus argenteus* (silvery lupine)

Year Awarded: FY2011

Project completion: FY2011

Report number: 1

Expenditures (FY2011): \$11,000

Partners/Contractors/Coop: Pacific Coast Seed, Inc., Sierra Cascade Nursery, J. Herbert Stone Nursery



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