

Native Grass Seed Propagation & Invasive Species Initiative on the Modoc National Forest

2010 Accomplishments

This project was initiated to obtain native grass seed from local genetic stock on the Modoc National Forest (MNF), California, for seed increase and growout at J. Herbert Stone Nursery, Oregon. To supplement seed stock collected, forest botanists collected native grass seed on the MNF in 2010. Species collected were *Poa secunda* (one-sided bluegrass), *Festuca idahoensis* (Idaho fescue), and *Pseudoroegneria spicata* (bluebunch wheatgrass).

This seed was shipped to the Bend Seed Extractory, Oregon for cleaning and testing. Cleaned seed will be shipped to J. Herbert Stone Nursery, Oregon for fall sowing. Some be sown at the nursery, and some grown out for three growing seasons. Harvested seed from growout plantings will be used for restoration of a diesel fuel spill site on the MNF near Goose Lake. Other produced seed will be used for restoration of noxious weed treatment sites, decommissioned roads, and burned sites across the Forest.



Figure 1. *Poa secunda* site in the Devil's Garden, MNF.

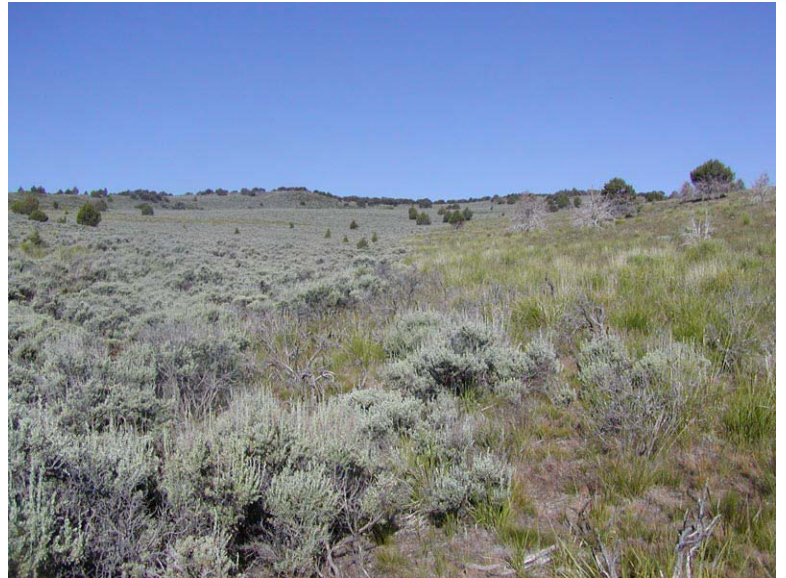


Figure 2. *Pseudoroegneria spicata* with sagebrush following fire.

Year Awarded: 2010

Project completion: 2012

Report number: 1

Expenditures: FY2010, \$21,000

Partners/Contractors/Coop: MNF internal partners: Special Uses, Engineering, Fire, Hydrology; J. Herbert Stone Nursery; Bend Seed Extractory



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