

Development of New Native Plant Material Source for Rehab and Restoration of Disturbed Areas

2006 Accomplishments

The Apache-Sitgreaves National Forests have partnered with the Plant Materials Center of the Natural Resources Conservation Service, Los Lunas, New Mexico to develop new native plant source materials for use in site restoration following wildfire, prescribed fire, White Mountain Stewardship, and watershed restoration. During FY06, following an extremely wet monsoon season, the following seeds were collected:

- ◆ Galleta (*Pleuraphis jamesii*)
- ◆ Blue grama (*Bouteloua gracilis*)
- ◆ Arizona fescue (*Festuca arizonica*)
- ◆ Thurber fescue (*Festuca thurberi*)
- ◆ Mountain muhly (*Muhlenbergia montana*)
- ◆ Mountain brome (*Bromus marginatus*)

Only one species, screwleaf muhly (*Muhlenbergia virescens*), remains to be collected.

Work planned for FY07 will be to test seed viability, establish ¼ acre plots in which to plant the seeds, and to continue collection of these species at other sites across the Forest.



Grass plots at the Plant Materials Center, Los Lunas, New Mexico



Example of a grassland seed collection site.

Year Awarded: FY2006
Project completion: Year 1

Report number: 1 of 5

Expenditures to date:
◆ FY06 - \$8,000

Partners/Contractors/Coop:
National Resources Conservation Service; Plant Materials Center

Contact Person & phone number:
Deb Bumpus, Ecosystem Staff
Officer. 928-333-6302



**Apache-Sitgreaves
National Forests**
30 S. Chiricahua
Springerville, AZ 85938