

Establishing Ecotype Appropriate Weed Free Seed Source

2009 Accomplishments

The purpose and need for this project is to establish native seed and plant sources for natural recruitment and anthropogenic restoration efforts. Implementation of this project will help develop techniques and policies for use of native plant materials on the Ozark/St. Francis National Forests. This project will also provide opportunities for cooperation and partnerships with the Arkansas Game and Fish Commission in the restoration of native plant communities.

2009 accomplishments:

We coordinated with the Arkansas Game and Fish Commission through our existing MOU to agree to assist the Forest in the future with native seed harvesting in return for a portion of the seed harvested to use on projects where they would like to utilize warm season grass seed. We also discussed with the Ouachita NF about utilizing seed sorting and cleaning equipment that they have already purchased/acquired.

We purchased:

- 1 Tractor Seed Harvester - \$13,304
- 4 Handheld Seed Harvesters - \$8,300

With NFWW, WFHF, CWKV, and NFWF funding, we also completed the following activities on the existing warm season grass and native plant areas:

- 300 acres of Warm Season Grass Field Prescribe Burning
- 160 acres of chemical treatment in Warm Season Grass Fields
- 500 acres of Burning in Woodland areas with established Warm Season Native Grasses
- 513 acres of midstory reduction/control in Woodland areas with established Warm Season Native Grasses
- 3 acres of native cane restoration



Handheld Seed Harvesters purchased in FY2009.



Prescribe burning in Native Warm Season Grass Fields.

Year Awarded: 2008

Project completion: **(in perpetuity)**

Report number: 1

Expenditures:

- FY08 funding: \$33,000
- Expend: \$25,220
- Remaining: \$7,780

Partners/Contractors/Coop:
Arkansas Game and Fish
Commission, Ouachita National
Forest

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