

# Re-establishment of Native Warm Season Grasses in Old-Growth Restoration Areas

## 2007 Accomplishments

### Purpose of Proposal

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 Ouachita National Forest and encourage state and private groups to use native plant materials. This project will also provide opportunities for cooperation and partnerships with state and non-governmental organizations in the restoration of native plant communities.

### 2007 Accomplished Actions

- Approximately 28 (830 acres or 75%) of the existing 55 (1,100 acres) native plant restoration plots established in 2006 were prescribed burned.
- Over 4,000 acres of prescribed fire were completed in the Black Fork, Chula and Grapevine Old Growth areas
- 200 acres of mid-story reduction treatments were completed
- 200 acres of stump grinding and brush hogging were completed
- 80 acres of seed harvest is planned for late October 2007

### 2008 Planned Actions

- Approximately 3,000 acres are scheduled for prescribed burning in Fall 2007 and Spring 2008
- Approximately 136 acres of midstory reduction
- Approximately 100 acres of seed harvesting is planned for October 2008
- Approximately 200 acres of mowing, scarification and disking
- Approximately 200 acres of stump removal, planting, liming, fertilization and monitoring



**Year Awarded: 2006**

**Project completion: 2007**

**Report number: 2 of 2**

#### Expenditures:

- **FY07 funding \$110,000 (NFWF, WFHF and CWKV)**
- **Expended - \$110,000**
- **Remaining - \$0 - FY08 actions will be funded out of normal program of work**

**Partners/Contractors/Coop**  
**Quail Unlimited, Arkansas Natural Heritage Commission, Arkansas Game and Fish Commission**

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