

Reforestation on the Arkansas Delta

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National Wildlife Turkey Federation

NRCS Lonoke Technical Service Center

Lonoke, Arkansas

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Project Overview

Arkansas ACEP-WRE Bottomland Hardwood Conservation Partnership Initiative

➤ America's Big Six Focal Region

- ❖ America's Mid-South Rebirth

➤ Species Targeted

- ❖ Migratory fowl, wild turkey, white tail deer, black bear

➤ Partners

- ❖ USDA Natural Resource Conservation Service
- ❖ The Arkansas Game and Fish Commission
- ❖ Arkansas Department of Agriculture Forestry Division

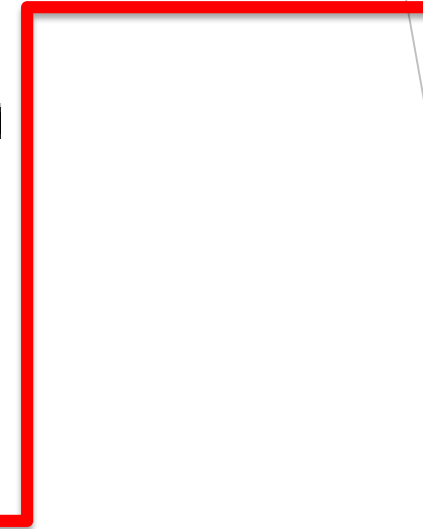
➤ Office Location

- ❖ Lonoke Technical Service Center, Lonoke, AR

Focal Landscape of the Project



Area of Operations



Description of Work being done:

1. Reforestation plantation design development
2. Coordinating and overseeing tree planting operations
Spot checking plantings for quality control
3. Assessing older plantations for management opportunities
4. Consulting with easement owners to help them realize management goals

Plantation Design

- ▶ Initial Site inspection.
 - Assessing site conditions
 - Current cover
 - Tree species growing on site
- ▶ Soil typing
- ▶ Species selection

Site-Prep.



Quality Control is a major part of successful reforestation efforts.

- ❖ Poorly planted stock
- ❖ Seedling spacing
- ❖ Seedling depth
- ❖ Root placement
- ❖ Properly sealed in seedlings



Mid December to about the first week of March, the seedlings go in the ground.



Tree planters getting ready to start a new field.

- This was taken last week A few mile North of Cotton Plant, AR in Woodruff County.



Dec. 2019 - Mar.
2020 Season:

Planted

Approximately

➤ 3,200 acres

➤ 96,000
hardwood
seedlings



This can be your
job site at any
given time.



Most WRE
Easements are in
remote locations

Often road
conditions can be
sketchy



A big plantation in
Monroe County five
years after
establishment.

Seedlings are
emerging through the
competition.





This is an example of a WRE planting where the planted trees have captured the site and converted it back to a hardwood timber cover.



Another good example of an older planting.



Storm Damaged Timber on an easement near Refield, AR.

The end goal:





Contact Information

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