

Atlantic Coastal Plain Longleaf Ecosystem Natives

2012 Accomplishments

Fire-maintained longleaf pine ecosystems support some of the highest known herbaceous diversity in the United States. Yet, very few native ecotype seed sources are available commercially. This project is facilitating development of native seed sources, restoration of native understory species, partnerships, education and outreach, and applied seed zone science through establishment of common garden studies by Clemson Research and Education Center (REC) working with Southern Research Station (SRS).

Seeds for 8 native plant species were collected from 12 locations/each for the common garden study and will be planted to common garden sites at each of 3 Clemson REC Centers in late 2012. Four plant species were established into production plots at the Taylor SC Forestry Commission Nursery in 2012. On the Francis Marion National Forest, native plant species were established on 10 acres of log decks, 2 beds at the new district office site, and 1 acre at the Francis Marion seed orchard. On the Croatan National Forest, 41000 plugs and 10 pounds of natives seed were planted in different densities on 30 acres following a burn, and will be monitored to determine success. Twenty-four native plant species from Croatan and Francis Marion National Forest sources are in production at some scale throughout the Atlantic Coastal Plain.



Year Awarded: 2009

Project completion: 2012

Report number: (1 of 1)

Expenditures:

- FY12 funding: \$59,000VW; CWKV \$10,000
- Expend: \$69,000
- Remaining: \$0

Partners/Contractors/Coop:
Clemson Pee Dee Research and Education Center, Southern Research Station, USDA National Seed Lab, National Wild Turkey Federation

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