

# Native Plant Materials, Kisatchie National Forest

## FY13 Accomplishments

The original NFN3 and NFTM funding was used to develop a 3-year Participating Agreement with [Bayou Land RC&D](#) to collect seed and vegetative material for use in establishment of the Stuart Seed Orchard Native Plant Materials program. The Forest Botanist was able to leverage funds from various BLIs to facilitate an agreement modification. The new agreement expires on August 31, 2016.

### FY 2013 Highlights

The 1.5 acre site has been disked six times and original rank vegetation (primarily Bahia grass and broomsedge) was eradicated without the use of herbicides. The site has been leveled, squared and bedded. Irrigation was installed during the summer of 2013. 1,350 feet of 1" PVC with RPZ valve, 15 risers, spigots and 4x4 support posts were installed – no leaks!

Eight planting blocks were constructed, each with two independent water supplies. 1,470 containers of the following species were planted in the fall of 2013:

*Andropogon gerardii*: Randomly planted 300 containers of 15 accessions on October 30, 2013 to Block A.

*Panicum virgatum*: Randomly planted 300 containers of 22 accessions with each accession in grouping of five on November 11, 2013 to Block C.

*Schizachyrium scoparium*: Randomly planted 570 containers of 34 accessions with each accession planted in grouping of five on November 11, 2013 to Block D.

*Sorghastrum nutans*: Planted 30 containers of 2 accessions on November, 11, 2013 to Block G.

*Panicum anceps*: Planted 130 containers on 2-ft centers within rows to Block H.

Forb Planting Block B: Planted 130 containers on 2-ft centers within rows - *Liatris pycnostachya*, *Mondarda punctata*, *Salvia azurea*, *Echinacea pallida*, *Silphium gracile*



Irrigation installation with assistance from NRCS..



Clean site with irrigation installed – no herbicides used for site prep.



Plant materials grown from seed collected on 5 Districts. Greenhouse at Nicholls State University

Year Awarded: 2011

Partners/Contractors/Coop:  
Bayou Land RC&D  
NRCS

Contact Person & phone number:  
David Moore, 318-473-7061



**Kisatchie National Forest**  
2500 Shreveport Highway  
Pineville, LA 71360