

Native Plant Materials, Kisatchie National Forest

FY12 Accomplishments

The Kisatchie National Forest was able to use NFN3, NFTM and NFWW funds to develop a 3-year Participating Agreement (amended to 5 years) with [Bayou Land RC&D](#) to collect seed and vegetative material for use in establishment of the Stuart Seed Orchard Native Plant Materials program. An initial 1-acre site is currently being developed, and the first planting of vegetative material from three grasses will occur in Spring 2013.

The Botany Program has built five Native Plant and Pollinator Gardens on the Kisatchie National Forest. These gardens are located at the Vernon Unit Work Center, the Caney Ranger District Office, the Kisatchie Ranger District Office, the Supervisor's Office, and South Grant Elementary.

The Kisatchie National Forest continues its contract with the Pineywoods Native Plant Center of Stephen F. Austin University to propagate about 25 species of native forbs for use in these gardens. 1,250 1-quart plants were purchased, but the historic drought has continued to severely hinder planting efforts.

Restoration efforts for the Kentucky Lady's Slipper Orchid are ongoing, with seedling production and outplanting trials entering their sixth year http://www.fs.fed.us/wildflowers/rareplants/conservation/success/cypripedium_kentuckyense_seedlings.shtml. A new seed culture technique, i.e. the "green pod culture", was used to circumvent the germination inhibiting chemicals in the mature seed coat. These seeds have germinated and grown into vigorous protocorms that are now developing roots. Planting of this material is scheduled for 2014.

Funds were also used to purchase a flail-vac, tiller, irrigation equipment, disc, and cultivator for use in the Stuart Seed Orchard Native Plant Materials project.



Grasses Ready for Planting

Year Awarded: 2011

Project completion: 2016
Report number: 1

Expenditures:
NFN3 funding: \$114,677
Total Expended: \$114,677
Remaining: \$0

Partners/Contractors/Coop:
Bayou Land RC&D
NRCS
Pineywoods Native Plant Center
South Grant Elementary
Garden Path Stone Center
Kevin Allen

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