

**Chickasaw National Recreation Area
2003 Annual Report
prepared by the
James E. 'Bud' Smith Plant Materials Center
Knox City, Texas**

Introduction

The agreement between the Chickasaw National Recreation Area from Sulphur, Oklahoma and the James E. 'Bud' Smith Plant Materials Center from Knox City, Texas was developed and signed in 1990. The first through the fifth phase for re-vegetating of the Buckhorn Area, the Guy Sandy Area, the Veterans Lake Area, the Point Campground Rehab and the Point/Perimeter Roads were completed before and/or by 2003. The sixth Phase of the project, which was tree transplants for the Tree Park Wide Area completed by 2003. Phase one through two included native grass seed and woody productions. Phase three through five included seed production of native forb, legume, grass and several shrub/woody transplants. Phase six included several different native woody species for tree transplants for the Tree Park Wide Area. All native plant seeds and woody material were collected from the Park and increased and/or propagated at the Plant Materials Center in Knox City, Texas and delivered to the Park.

Accomplishments

From 1993 to 2003 the Park received a total of 1,383.43 bulk pounds of native forb and grass seed totaling 854.26 PLS lbs. and 6,628 shrub and woody transplants. They consisted of American & winged elm, black willow, blackjack oak, coralberry, carolina buckthorn, buttonbush, bur oak, chinkapin oak, Chickasaw plum, cottonwood, eastern redbud, green ash, hackberry, post oak, red oak, roughleaf dogwood, sycamore, smooth & winged sumac, persimmon, mexican plum, skunkbush sumac, virginia creeper, and white honeysuckle.

Seed and Plant Production Inventory Jan. - Dec. 2003

Common Names	Units	2003 Production	Total PLS and # of Plants-On Hand
sideoats grama	.33 ac.	39.00*	92.23 PLS
hairy grama	.25 ac.	7.75*	2.19 PLS
big bluestem	.25 ac.	6.50*	18.89 PLS
little bluestem	.15 ac.	29.50*	36.76 PLS

Indiangrass	.75 ac.	0*	164.88 PLS
purpletop	.23 ac.	28.75*	13.78PLS
wildrye sp.	.09 ac.	1.50*	20.24PLS
buffalograss	200 sq. ft.	.25*	1*
eastern redbud	ea.	0	177
red oak	ea.	0	26
cottonwood	ea.	0	0
sycamore	ea.	0	7
purple coneflower	.03 ac.	.15*	1.80*
Mexican hat	.03 ac.	.10*	3.70*
Indian blanket	.03 ac.	.25*	1.70*
purple prairie clover	.03 ac.	.15*	.15*
black-eyed Susan	.03 ac.	.35*	11.05*
clasping-leaved coneflower	.03 ac.	.10*	.10*
gayfeather	.03 ac	.45*	12.75*
American elm	ea.	0	9
Green ash	ea.	0	173
chinkapin x bur oak	ea.	0	20
winged elm	ea.	0	51
hackberry	ea.	0	19

Bulk lbs.*