

Big Bend National Park
 1997 Annual Report
 prepared by
 Natural Resources Conservation Service
 James E. "Bud" Smith Plant Materials Center

Introduction

The original agreement with Big Bend National Park and the James E. "Bud" Smith Plant Materials Center was developed and signed in 1989. The first agreement was completed in 1993. The second agreement signed in 1992 and scheduled for completion in 1997 was modified to incorporate an additional study to look at techniques for road slop revegetation. Both agreements involve seed and/or plant collection and seed increase. Materials are to be used for roadside revegetation.

Road renovation was completed on Phase 4 section of the Ross Maxwell Scenic Drive in 1996. Plant materials (seeds) are drilled and/or broadcast along road shoulders following construction.

Accomplishments:

Since 1989, the PMC has made 8 collection trips to the park. Eight different species have been produced for the park and three species were looked at to look at developing possible production and propagation techniques.

Seed Production and Available Inventory Dec. 1997

Common Name	Area	1997 Prod/Lbs	PLS Inventory On Hand
Sideoats grama	.85	-	327.2
Alkali sacaton	.75	-	389.9
Green sprangletop	-	-	472.4
Cane bluestem	.30	81.5	107.7
Showy menodora	.50	115.0	165.8
Chisos bluebonnet	.10	-	1.8*
Chino grama	.25	28.5	30.5*
Limoncillo	-	-	58.0*

* Bulk Material Wt.

Technology Development: