

TEXAS TECHNICAL NOTE

PLANT MATERIALS TECHNICAL NOTE

February 23, 2006

Seeding Rates and Production Estimates for Seed Production of Conservation Species

This technical note provides information to landowners interested in the seed production of conservation species and to update Conservation Seeding Tables.

This information was compiled from existing plant materials production records at the Knox City Plant Materials Center

Statistics for Seed Production of Knox City PMC Releases

Cultivar, Select Classes, Common	Common Name	Seeding Rate for Seed Production PLS/acre *4	Aver. Harvest Dates		Aver. Production		Average	First Year Harvest	
			Spring	Fall	Spring bulk lb/ac	Fall bulk lb/ac	PLS %	Yes, No	Amt. bulk lb/ac
			Summer	Winter				*1,*2	
Alamo	Switchgrass	3.0 lbs/ac	-	Oct	-	300	85	Y-1,D	250
Haskell	Sideoats grama	4.5 lbs/ac	July	Oct	390	240	65	Y-1,D	275
Aztec	Maximilian sunflower	1.5 lbs/ac	-	Nov	-	85	65	Y-1,D	80
Comanche	Partridge pea	4.5 lbs/ac	-	Oct	-	500	65	Y-2	-
Eldorado	Engelmann daisy	9.5 lbs/ac	June	Nov	185	112 *3	30	N	X
Lometa	Indiangrass	4.5 lbs/ac	-	Nov	-	180	60	Y-1,B	50
Mason	Sandhill lovegrass	2.0 lbs/ac	-	Oct	-	190	40	Y-1,D	180
Overton R18	Rose clover	3.5 lbs/ac	June	-	400	-	90	Y-2	-
Plateau	Awnless bushsunflower	.5 lbs/ac	June	Oct	54	120	35	Y-1,D	90
Sabine	Illinois bundleflower	5.5 lbs/ac	July	Oct	550	255	80	Y-1,C	250
Saltalk	Alkali sacaton	2.0 lbs/ac	June	Oct	80	190	80	Y-1,A	25
Selection 75	Kleingrass	1.0 lbs/ac	June	Sept	40	75	70	Y-1,D	60
T-587	Old world bluestem	1.5 lbs/ac	July	Oct	40	60	40	Y-1,D	55
Texoka	Buffalograss	10.0 lbs/ac	June	Nov	350	465	75	Y-1,D	300
Van Horn	Green sprangletop	2.0 lbs/ac	-	Oct	-	375	75	Y-1,D	375
Earl	Big bluestem	2.5 lbs/ac	-	Nov	-	150	55	N	X
San Marcos Germplasm	Eastern gamagrass	10.0 lbs/ac	July	Oct	230	100	30	N	X
Duck Creek Germplasm	Texas dropseed	1.5 lbs/ac	July	Oct	145	100	75	Y-1,D	135
Borden Co. Germplasm	Sand dropseed	3.0 lbs/ac	June	Sept	247	250	90	Y-1,D	220
Potter Co. Germplasm	Spike dropseed	3.0 lbs/ac	June	Sept	150	100	85	Y-1,D	130
Cottle Co. Germplasm	Sand bluestem	10.0 lbs/ac	-	Oct	-	100	40	N	X
Cuero Germplasm	Purple prairie clover	3.5 lbs/ac	July	-	150	-	80	Y-1,C	80
Hondo Germplasm	Velvet bundleflower	4.5 lbs/ac	June	Oct	150	150	85	Y-1,C	60
OK Select Germplasm	Little bluestem	14.5 lbs/ac	-	Oct	-	280	55	N	X
Falfurrias Germplasm	Big sacaton	2.0 lbs/ac	July	Oct	100	250	80	Y-1,D	100

Notes:

*1 - First Year Harvest % of Normal Harvested Expected A = 0-20%, B = 20-40%, C = 40-60%, D = 60% or above

*2 - Plants are annuals, will require planting for harvest each year.

*3 - Will make 2 harvest occasionally - 30% of time or less.

*4 - Seeding rates for seed production may differ from regular planting rates for conservation use.