

Table _____. Seed Yield and Quality of Several Warm Season Grasses, Agronomy Farm, Lufkin Fine Sandy Soil, 1957 ^{1/}

Fertilizer treatment	Setaria sphacelata		Blue Panic		Kleingrass	
	Lbs. seed/ acre	% caryopsis ^{2/}	Lbs. seed/ acre	% caryopsis ^{2/}	Lbs. seed/ acre	% caryopsis ^{2/}
0-0-0	57	1.4	59	80.1	39	16.2
25-30-30	49	3.4	53	80.1	22	11.5
50-30-30	69	5.0	64	80.9	25	17.8
75-30-30	46	2.2	57	78.5	24	11.4
75-60-30	56	2.4	51	80.4	34	12.2
Average	55	2.9	57	80.0	29	13.8

^{1/} The plots were seeded June 18, 1957 and the fertilizer treatments applied August 6, 1957 and irrigated as needed. Only one seed crop was obtained and Medio, Pretaria 62 and Pretaria 90, also included in the test, failed to mature seed.

^{2/} All caryopsis percentages are on a weight basis.

Table _____. Forage and Seed Yield of Fine Warm Season Grasses, Lufkin Fine Sandy Soil, College Station, 1956.

	Forage Lbs./acre	Seed Lbs./acre	Seed Quality % caryopsis
Pretoria 90	3500	120	67
Setaria sphacelata	2560	49 ^{1/}	1
Blue buffel	3040	39	--
Klein	2050	136	40 ^{2/}
Medio	2700	-- ^{3/}	

^{1/} 2 seed crops ^{2/} Weight basis ^{3/} Failed to mature seed.

Table _____. Seed Yield of Side-Oats Grama Varieties June 14, 1957 and Seed Quality in 1956 and 1957, Miller Clay Soil, Brazos River Valley Lab

Variety	Lbs. seed per acre	1957		
		% Caryopsis by weight	% Caryopsis on spike basis 6-20-56	% Caryopsis on spike basis 10-9-56
Uvalde	198	14.52	97	86
Hope	177	5.81	17	18
Tucson	126	6.09	29	9
G-364	123	3.51	70	12
El Reno	121	8.91	63	57
Coronado	97	6.90	25	26
G-263	75	5.24	3	8
Mauldin	45	6.27	4	4