

Grain Sorghum Performance at the Dean Lee Research Station – Alexandria

Location Summary

Grain yields were excellent at Alexandria in 2006, ranging from 6,461 lb/a for Terral TV1050 to 8,195 lb/a for Pioneer brand 84G62 (Table 2). Sixteen hybrids had two-year averages, with an average grain yield of 6,609 lb/a. Test weights were excellent, ranging from 58.2 to 62.6 lb/bu. Although total rainfall throughout the growing season was not high, rain occurred at timely intervals over the growing season (see below). There was only four weeks that did not receive any rainfall.

Soil Type.....	Norwood silt loam
Row Spacing.....	38 inch
Seeding Rate.....	8 seed/ft
Fertilization.....	150 lb N/a
Herbicides.....	Guardsman Max @ 32 pts/acre
Insecticides.....	Karate @ 2 oz/a (4/4/06)
Previous Crop.....	Corn
Planting Date.....	April 3
Harvest Date.....	July 31

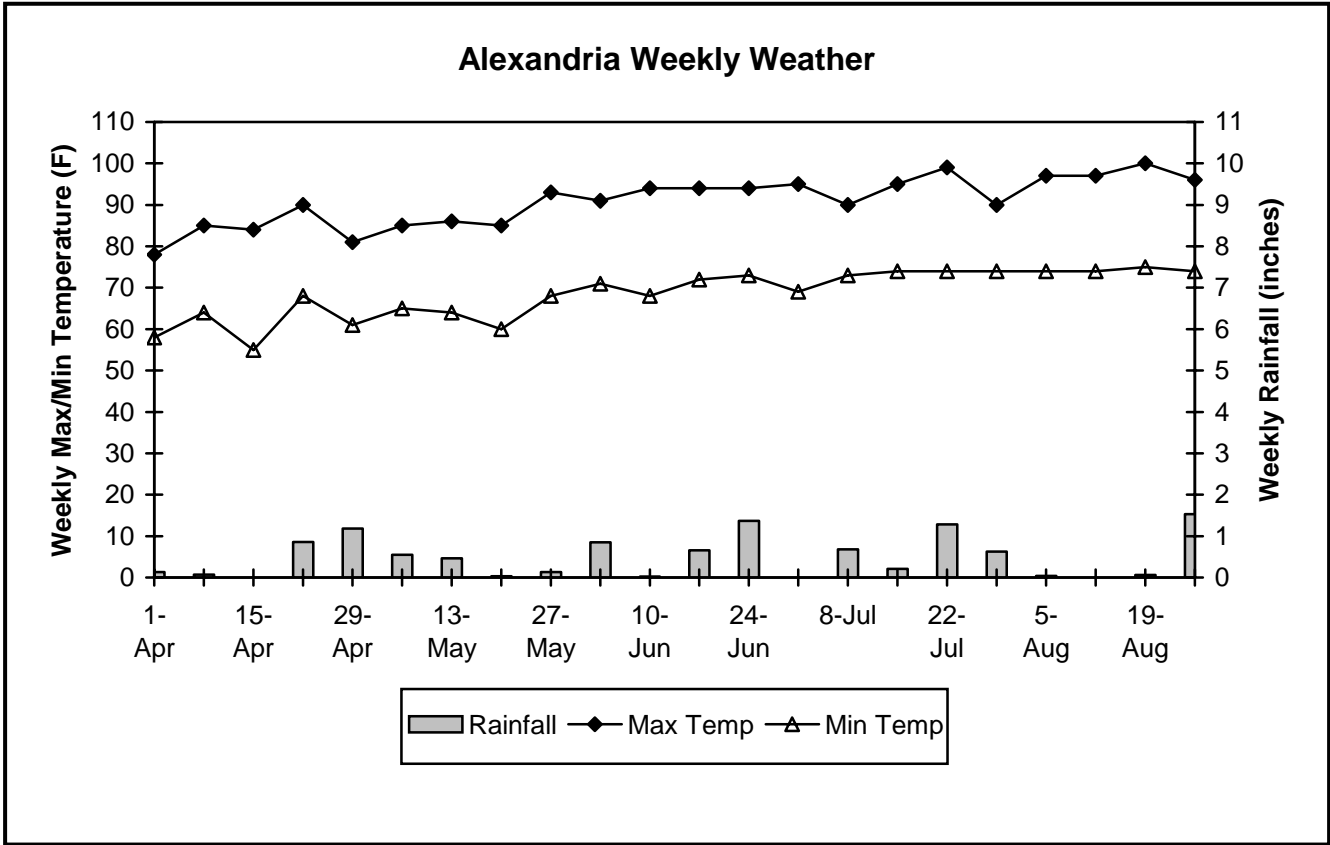


Table 2. Performance of hybrids in grain sorghum hybrid performance trial at Dean Lee Research Station at Alexandria, La., 2006.

Brand/hybrid	Yield		Gr mo %	Test wt lb/bu	Mid- head DAP	Pl ht in	Head type 0-5
	2006 -----lb/acre----	2-yr avg					
Pioneer brand 84G62	8,195	7,308	14.4	61.6	64	41	4
Dekalb DKS54-00	8,085	7,197	15.1	59.5	63	45	4
Monsanto MSC432	8,078	-	15.8	58.6	63	49	4
Golden Acres Genetics GA444E	7,411	6,651	13.8	58.8	63	36	5
Dekalb DKS37-07	7,357	-	14.5	62.6	61	39	5
Garst 5401	7,327	6,715	14.9	61.9	63	47	3
NC+ 7R83	7,284	6,737	14.3	58.8	64	39	3
Terral TV96H81	7,268	6,600	14.3	61.3	64	44	1
Asgrow A571	7,267	6,448	13.7	59.8	63	37	4
Dyna-Gro DG751B	7,265	6,613	14.8	61.5	64	43	1
Terral TVX96H91	7,233	6,702	14.5	61.1	63	41	5
Terral TV9421	7,230	6,711	13.6	59.5	61	36	5
Golden Acres Genetics GA3827	7,096	6,779	14.7	61.5	64	40	3
Monsanto MSD477	7,059	-	14.4	61.6	61	41	5
Garst 5360	6,981	-	14.8	61	63	36	4
NC+ 7B51	6,906	-	13.6	58.5	61	36	4
Dyna-Gro DG780B	7,118	6,348	15.3	61.9	65	47	1
Terral TV93S72	6,875	6,191	14.1	59.5	64	35	3
Monsanto MSD472	6,808	-	13.6	59.3	61	38	5
Dyna-Gro DG762B	6,853	6,353	14.2	59.5	64	40	4
Garst 5515	6,698	6,137	14.0	59.8	61	38	5
Terral TV1050	6,461	6,255	14.6	58.2	66	42	2
Average	7,172	6,609	14.4	60.3	63	40	4
CV, %	5	-	2	1	2	5	27
LSD (0.10)	460	-	0.3	1.0	2	4	2