

Grain Sorghum Performance at the Dean Lee Research Station – Alexandria

Location Summary

Rainfall was low in May and June; however, rainfall was about normal and well dispersed in July, a critical month for grain fill. Yields were excellent, ranging from 3688 to 6462 lb/acre, with a trial average of 5765 lb/acre (Table 2). There were 16 hybrids that had yields greater than 6000 lb/acre. Test weights were also excellent in this trial, ranging from 53.8 to 60.3 lb/bu, with a trial average of 57.7 lb/bu.

Soil Type.....Lanier silty clay loam
 Row Spacing.....38 inch
 Seeding Rate.....8 seed/ft
 Fertilization.....50 lb N/a
 Herbicides.....
 Early-post:Cornerstone @ 32 oz/acre
 plus Buctril @ 8 oz/acre
 Lay-by: Atrazine @ 24 oz/acre
 Insecticides.....
 Karate @ 2 oz/a (2 applns)
 Mustang Max @ 2 oz/a
 Previous Crop.....cotton
 Planting Date.....April 20
 Harvest Date.....August 15

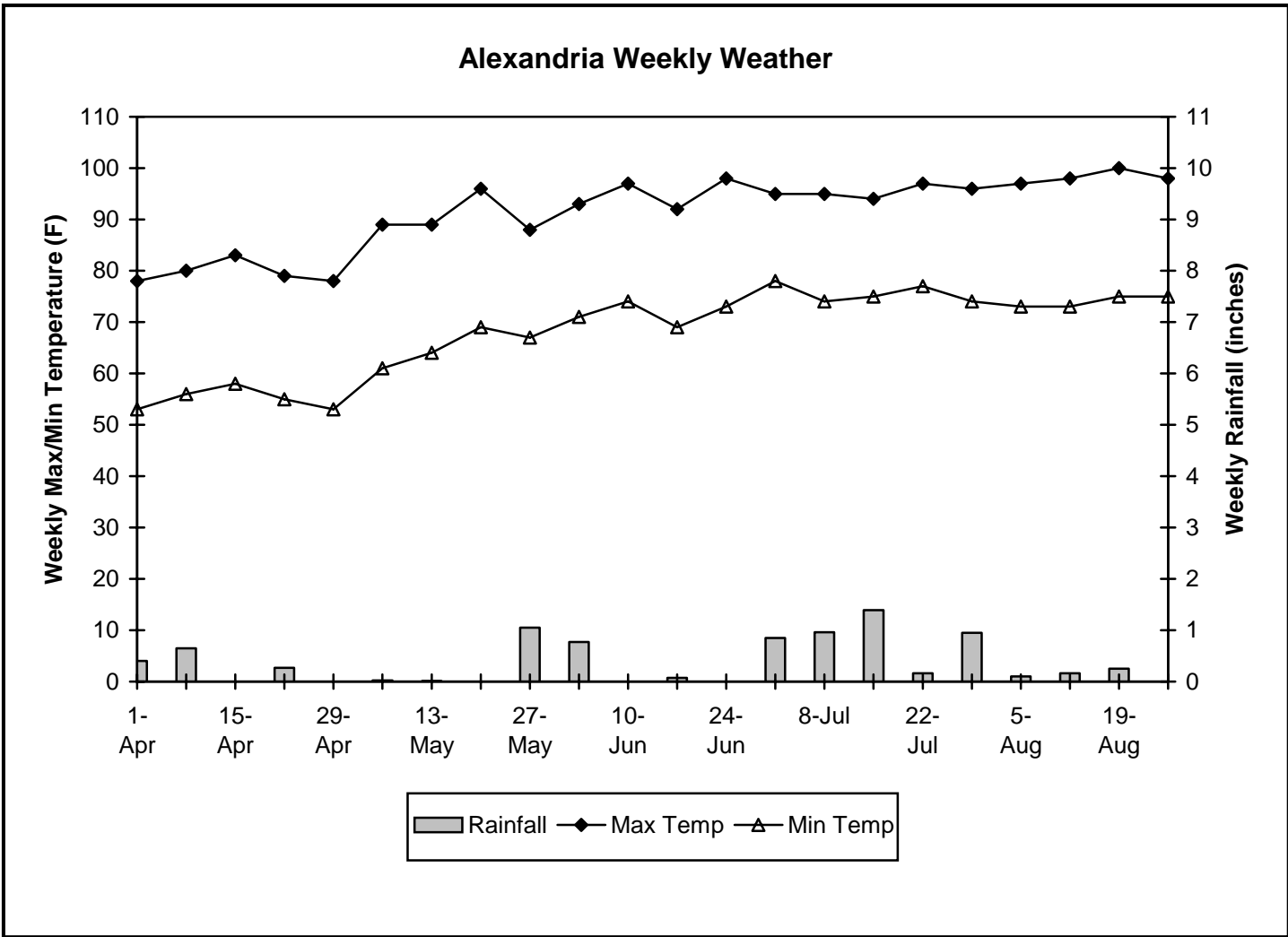


Table 2. Performance of grain sorghum hybrids at Dean Lee Research Station at Alexandria, La., 2005.

Brand/Hybrid	Yield		Gr mo	Test wt	Mid-head	Plant ht	Head type
	2005	2-Yr avg ¹					
	-----lb/a-----		%	lb/bu	DAP	in	
Golden Acres 3827	6462	-	15.5	58.0	68	32	5
Pioneer 84G62	6421	6646	15.5	59.8	69	35	5
Asgrow A567	6388	-	15.8	60.3	68	36	3
Dekalb DKS54-00	6309	5060	17.4	57.7	72	39	4
Garst 5440	6298	6589	14.1	59.4	68	38	3
Pioneer 83G66	6266	6607	16.5	57.0	68	38	3
Terral TVX94A427	6264	-	14.2	56.9	68	42	1
Terral TV9421	6191	6621	14.3	57.1	68	34	5
NC+ 7R83	6189	-	13.9	56.5	68	39	3
Terral TVX95B303	6170	-	14.8	58.0	69	41	5
Garst 5401	6102	-	14.9	58.5	68	43	3
Dekalb DKS53-11	6084	6401	16.2	59.5	69	39	3
Terral TV1050	6048	6187	14.3	57.6	68	37	3
Dyna-Gro DGX1784	6037	-	14.8	59.5	75	38	3
Monsanto MSC531	6029	-	15.0	56.9	70	35	5
Terral TVX94A415	6026	-	15.3	58.4	68	42	3
Dyna-Gro DG751B	5961	6416	14.7	58.6	69	38	1
Golden Acres 3552	5956	-	15.1	57.6	68	34	3
Terral TV96H81	5932	6408	14.8	59.3	68	39	2
Golden Acres 444E	5891	6238	14.3	58.1	68	34	5
Dyna-Gro DGX1743	5879	-	13.2	53.1	69	30	3
Terral TV97H17	5871	-	15.7	58.8	70	43	3
Monsanto MSC332	5867	-	16.3	57.5	68	36	3
Dyna-Gro DG762B	5852	6403	13.9	58.2	65	39	3
Terral TVX95B324	5850	-	14.2	59.0	68	35	4
Dyna-Gro DGX1755	5829	-	15.7	56.6	68	36	3
Terral TVX95B323	5718	-	15.6	59.8	70	38	2
Monsanto MTC15525	5682	-	17.2	59.7	72	33	3
Dyna-Gro DGX1785	5629	-	15.6	59.1	69	35	3
Asgrow A571	5628	6332	14.5	55.7	69	35	2
Dyna-Gro DGX1742	5594	-	14.1	56.3	65	36	4
Dyna-Gro DG780B	5578	5839	15.7	58.9	75	40	2
Garst 5515	5576	6240	14.0	58.2	66	35	5
PSC Exp-408	5547	-	18.0	53.8	69	47	3
Terral TV93S72	5507	6000	14.6	58.8	68	31	3
Dyna-Gro DGX1759	5476	-	16.9	57.0	68	39	4
Dyna-Gro DGX1758	5406	-	15.9	58.4	67	39	3
PSC Exp-401	5090	-	15.9	57.1	72	44	5
Dyna-Gro DGX1756	4952	-	14.0	57.7	68	33	5
Terral TVX96A317	4803	-	18.7	54.1	77	42	4
PSC GS104	4122	-	17.5	54.1	77	46	5

PSC GS105	3688	-	17.0	56.0	77	42	3
Average	5765		15.4	57.7	69	38	3
CV, %	10.9		5.2	2.7	1.6	6.6	19.2
LSD (400.10)	741		0.9	1.8	2	4	1

¹Two-year yield average calculated from 2003 and 2005 data (2004 data not available).