

Grain Sorghum Performance at the Rice Research Station- Crowley

Location Summary

Although rainfall was near normal, temperatures were relatively high, with maximum temperatures during a two-week period in mid-June hovering around 100 F (see below). Yields ranged from 3329 to 5048 lb/acre, with a trial average of 4317 lb/acre (Table 4). Bird damage ratings ranged from 5% to 25%, with a trial average of 10% bird damage. Seed for two hybrids, PSC GS104 and PSC GS105, were not saftened and data was lost as a result of poor stands caused by Dual damage.

Soil Type.....Crowley silt loam
 Row Spacing.....30 inches
 Seeding Rate.....5 seed/ft
 Fertilization.....
 Preplant0-60-60
 Topdress (May 11).....25-0-0
 (June 2).....65-0-0
 Herbicides.....
 Pre: Bicep II Magnum @1.3 qts/a
 Insecticides.....Karate Z@ 2 oz/a
 Previous Crop.....Fallow
 Planting Date.....April 27
 Harvest Date.....August 19

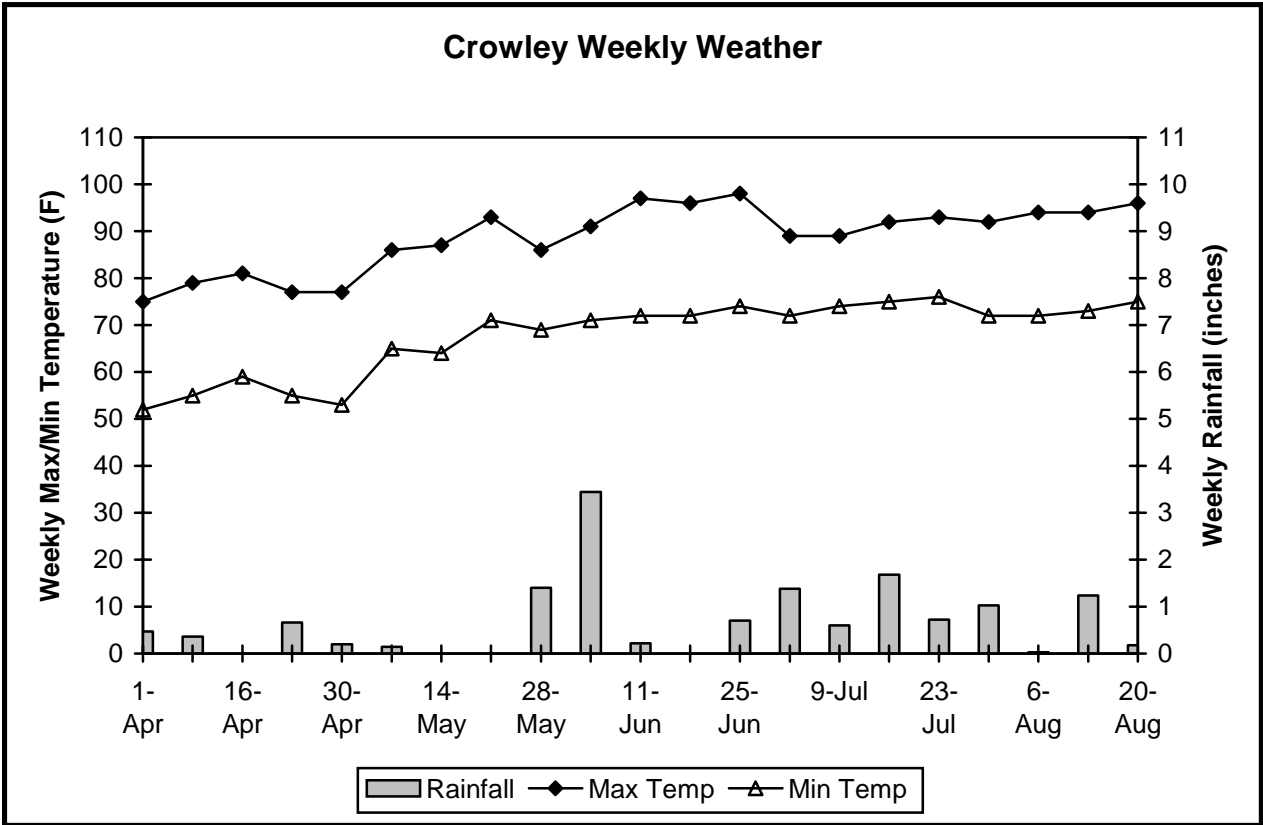


Table 4. Performance of grain sorghum hybrids at the Rice Research Station at Crowley, La., 2005.

Brand/hybrid	Yield		Gr mo	Test wt	Mid- head	Plant ht	Head exer	Head type	Bird
	2005 ¹	2-Yr avg							
	-----lb/a-----	%							
Asgrow A567	5048	5543	14.9	57.2	63	48	5	3	5
Dekalb DKS53-11	4975	4845	14.8	56.8	64	49	1	3	5
Terral TV1050	4936	5519	13.8	56.3	62	47	3	2	10
NC+ 7R83	4926	5412	14.3	55.4	60	46	3	3	10
Golden Acres 3827	4889	4975	14.1	57.9	63	50	6	3	5
Dekalb DKS54-00	4817	5033	14.7	57.4	66	53	7	3	5
Terral TVX96A317	4797	-	15.7	56.7	73	56	3	3	5
PSC Exp-408	4787	-	15.3	56.7	63	57	6	3	20
Terral TVX94A427	4757	-	14.0	55.7	61	53	5	2	10
Dyna-Gro DG762B	4748	4810	14.0	55.3	59	49	5	3	25
Asgrow A571	4678	5359	14.7	55.0	60	49	5	2	15
Dyna-Gro DGX1755	4623	4767	14.2	56.2	61	48	3	3	10
Monsanto MTC15525	4589	-	14.9	59.4	65	46	4	3	5
PSC Exp-401	4520	-	15.9	58.3	64	55	4	3	5
Terral TV97H17	4489	5038	14.8	58.5	65	54	3	2	5
Garst 5401	4487	-	14.2	57.8	60	52	6	3	15
Terral TV9421	4472	4872	13.9	55.3	60	43	5	3	25
Monsanto MSC531	4460	-	14.6	56.6	64	45	5	3	10
Terral TVX95B303	4444	4920	15.1	58.3	64	50	6	3	5
Terral TV96H81	4395	5100	14.3	57.8	60	51	2	2	18
Pioneer 84G62	4383	4888	15.1	57.2	63	48	2	3	15
Golden Acres 444E	4353	4980	14.0	55.1	61	46	4	3	25
Dyna-Gro DGX1784	4247	-	14.8	59.1	67	48	3	3	5
Monsanto MSC332	4230	-	16.6	56.4	65	50	6	2	5
Golden Acres 3552	4193	-	14.8	56.8	61	47	4	3	10
Terral TV93S72	4182	4059	14.3	56.9	60	45	5	3	15
Pioneer 83G66	4087	5347	14.9	56.6	63	47	1	3	5
Terral TVX95B324	4050	-	14.2	56.8	63	47	2	3	10
Dyna-Gro DGX1758	4016	-	14.7	56.9	61	48	6	3	20
Dyna-Gro DGX1742	3985	-	14.4	56.1	60	45	3	2	10
Dyna-Gro DGX1756	3979	-	14.1	55.5	61	44	4	4	20
Dyna-Gro DGX1759	3928	-	15.4	54.6	60	51	2	3	15
Garst 5515	3905	4452	14.1	56.6	60	43	4	3	15
Terral TVX94A415	3797	-	14.4	56.3	61	47	3	2	15
Dyna-Gro DG780B	3727	4804	14.6	57.9	64	50	3	2	5
Garst 5440	3682	4584	14.5	56.7	61	45	4	2	15
Dyna-Gro DGX1785	3670	-	14.3	56.7	62	46	3	3	10
Dyna-Gro DG751B	3600	4786	14.9	56.9	63	47	3	2	5
Dyna-Gro DGX1743	3508	-	14.8	54.4	64	43	2	2	25
Terral TVX95B323	3329	-	14.3	57.7	64	48	3	2	10
Average	4317		14.6	56.7	62	48	4	3	10

CV,%	13.1	3.2	0.9	2.3	5.4	45.5	14.0	48.4
LSD (0.10)	664	0.5	0.6	2	3	2	1	5

¹Lost plots for hybrids PSC GS104 and PSC GS105 because of poor stands.