

College Station 2017 Grain Sorghum Performance Trial

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
DEKALB	DKS 51-01	72	59	8	N/A	13.4	58.6	8,157
Dyna-Gro	GX16855	72	62	6	N/A	13.9	56.5	8,126
DEKALB	DKS 38-16	69	58	8	N/A	13.0	59.8	7,999
NuTech	GS725	69	60	9	N/A	13.2	59.6	7,828
Texas A&M AgrLife Research	ATx378xRTx430	69	61	8	N/A	13.5	55.6	7,791
NuTech	GS693	70	53	8	N/A	12.9	58.5	7,774
Dyna-Gro	M60GB31	69	48	6	N/A	13.2	58.6	7,761
NuTech	GS636	70	50	6	N/A	12.2	58.8	7,696
DEKALB	DKS 45-23	71	56	7	N/A	13.1	58.9	7,637
Dyna-Gro	GX16833	73	57	5	N/A	13.6	58.5	7,561
B-H Genetics	4100	70	50	6	N/A	12.6	58.8	7,550
Dyna-Gro	M74GB17	71	58	8	N/A	13.0	58.4	7,527
Pioneer	84P80	70	54	6	N/A	13.1	58.4	7,449
Texas A&M AgrLife Research	ATx2752xRTx430	70	59	7	N/A	12.5	56.7	7,353
Alta Seeds	AG1203	69	47	6	N/A	12.8	59.0	7,342
REV	9562	70	54	8	N/A	12.6	58.9	7,236
REV	9924	74	57	7	N/A	12.4	56.8	7,148
NuTech	GS663	68	49	6	N/A	12.6	57.8	7,036
Dyna-Gro	M73GR55	74	57	5	N/A	18.7	53.5	7,036
REV	9782	70	50	7	N/A	13.1	58.6	7,022
Golden Acres	X2610	73	56	10	N/A	13.4	58.2	6,858

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.



Department of Soil and Crop Sciences

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DEKALB	DKS 53-53	74	54	6	N/A	13.3	57.5	6,764
Sorghum Partners	SP73B12	70	53	8	N/A	13.3	58.2	6,736
Texas A&M AgriLife Research	ATx399xRTx430	69	51	9	N/A	12.4	55.6	6,720
DEKALB	DKS 37-07	69	50	8	N/A	13.2	59.1	6,624
Dyna-Gro	GX17818	75	53	8	N/A	13.4	57.2	6,540
Golden Acres	3545	71	53	9	N/A	13.1	57.5	6,518
Texas A&M AgriLife Research	ATx642/R06321	72	58	8	N/A	14.0	56.2	5,892

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Agronomic information		Mean	71	54	7	13.3	57.8	7,274
Plant Date	3/23/2017	C.V. %	1.5	4.1	21.0	7.4	1.3	8.5
Harvest Date	8/4/2017	P>f (hybrid)	0.000	0.000		0.008	0.000	0.000
Irrigated	Yes	L.S.D.	1.6	3.1		1.5	1.2	918.3
Row Spacing (in)	30	Trial Notes						
Number of Rows	2	**Sprayed once for midge with 1 oz Baythroid XL at peak midge threshold						
Seeds per Acre	80,000							
N (lb/ac)	136	Cooperator: Texas A&M AgriLife Research						
P2O5 (lb/ac)	56							
K2O (lb/ac)	0	Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. SAS 9.4 was used for statistical analysis. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using Almaco meter units on a JD Max-Emerge II units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from January 1 through the harvest date. For additional information contact: Dr. Ronnie Schnell ronschnell@tamu.edu 979-845-2935						
Precipitation (in)	25.66							
Irrigation (in)	0	Soil Type						
Herbicide	0							
3 pt Atrazine + 1.66 pt Brawl + 20 oz Outlook + 2 pt Roundup applied after planting but before crop emergence. 3 pt Prowl H2O applied at layby		Tillage Shredded, disked, bedded before planting. Cultivated twice during growing season.						
		Previous Crop Cotton						

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