

Monte Alto (Full Irrigated) 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	66	54	9	N/A	12.1	59.7	7,352
Pioneer	84P80	63	52	5	N/A	12.2	60.1	7,273
DEKALB	DKS 53-53	66	50	7	N/A	12.4	60.0	7,172
DEKALB	DKS 38-16	65	53	7	N/A	12.1	60.7	6,998
Dyna-Gro	GX17818	69	50	7	N/A	12.8	57.8	6,936
REV	9562	63	51	7	N/A	11.8	59.4	6,750
Dyna-Gro	M74GB17	67	55	8	N/A	12.5	59.5	6,690
Texas A&M AgriLife Research	ATx2924xRTx2783	69	58	6	N/A	12.1	58.8	6,599
Gayland Ward	9135	66	52	7	N/A	12.1	58.5	6,563
DEKALB	DKS 45-23	66	50	6	N/A	12.7	60.8	6,519
REV	9924	65	52	6	N/A	12.6	58.9	6,467
REV	9782	64	49	5	N/A	12.3	59.8	6,432
Texas A&M AgriLife Research	ATx378xRTx430	62	55	7	N/A	11.9	58.6	6,307
B-H Genetics	4100	64	47	7	N/A	12.3	57.1	6,220
Gayland Ward	9134	68	59	7	N/A	12.6	58.8	6,220
Texas A&M AgriLife Research	ATx2752xRTx430	61	51	7	N/A	12.3	58.7	6,120
Dyna-Gro	GX16833	64	53	7	N/A	12.0	61.0	6,078
Dyna-Gro	GX16855	65	56	7	N/A	12.4	59.8	6,048
Sorghum Partners	SP73B12	64	49	8	N/A	12.8	59.4	5,991
Anzu Genetica	AG 4344	63	46	7	N/A	12.1	58.2	5,825
DEKALB	DKS 37-07	64	47	7	N/A	12.2	59.8	5,687

*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

Monte Alto (Full Irrigated) 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)
Alta Seeds	AG1203	62	45	6	N/A	12.0	58.0	5,656
Dyna-Gro	M60GB31	63	45	4	N/A	12.0	58.3	5,628
Texas A&M AgriLife Research	ATx3408xRTx2916	69	60	4	N/A	12.0	57.6	5,608
Dyna-Gro	M73GR55	66	52	7	N/A	12.6	59.0	5,560
Gayland Ward	9138	68	56	13	N/A	12.2	59.5	5,469
Texas A&M AgriLife Research	ATx399xRTx430	60	49	8	N/A	12.5	58.6	5,366
Anzu Genetica	AG 4664	68	46	7	N/A	12.8	56.9	5,306
Gayland Ward	9139	66	47	10	N/A	12.4	58.4	5,262
Gayland Ward	1160	69	34	5	N/A	12.4	55.9	3,826

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

Monte Alto (Full Irrigated)

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)
Agronomic information		Mean	65	51	7	12.3	58.9	6,131
Plant Date	2/14/2017	C.V. %	2.3	2.6	16.3	6.3	1.8	9.4
Harvest Date	6/22/2017	P>f (hybrid)	0.000	0.000	0.000	0.974	0.000	0.000
Irrigated	Yes	L.S.D.	2.1	1.9	1.6		1.5	808.6
Row Spacing (in)	30	Trial Notes						
Number of Rows	2	*Special thanks to Dr. Greta Schuster and Danielle Sekula for their assistance in taking flowering notes.						
Seeds per Acre	80,000	Cooperator: Rio Farms 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						
N (lb/ac)		Soil Type <input type="text"/> Tillage <input type="text"/> Previous Crop <input type="text"/>						
P2O5 (lb/ac)								
K2O (lb/ac)								
Precipitation (in)	9.54							
Irrigation (in)								
Herbicide								

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