

Monte Alto (Limited Irrigated) 2018 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)
Pioneer	83P27	62	50	5	0	11.0	55.5	7,597
Gayland Ward	EXP 9134	66	57	8	0	11.3	56.9	7,020
Dyna-Gro	GX17948	64	48	6	0	12.2	58.1	6,997
REV	9924	66	49	4	0	11.5	55.6	6,887
Gayland Ward	EXP 9098	68	52	6	0	11.3	54.8	6,852
Pioneer	83P73	68	49	5	0	11.9	54.2	6,610
Dyna-Gro	GX17227	67	49	5	0	12.0	58.0	6,589
Dyna-Gro	GX17968	64	52	9	0	12.1	57.1	6,549
Golden Acres	2840B	61	49	6	0	11.9	57.7	6,479
Dyna-Gro	M74GB17	69	49	6	0	12.2	56.6	6,442
Anzu Genetica	AG 4668	66	48	5	0	11.1	52.4	6,415
REV	9782	62	46	6	0	11.8	57.2	6,411
Sorghum Partners	SP73B12	65	46	6	0	12.5	57.0	6,288
Dyna-Gro	GX16833	63	49	5	0	11.3	56.0	6,264
Gold Source	GS7016	65	54	6	1	11.5	55.6	6,242
Dyna-Gro	GX17379	65	47	5	0	12.3	55.7	6,237
Golden Acres	3020B	64	48	6	0	11.0	55.3	6,183
Integra	G3701	64	50	5	0	11.8	56.5	6,164
Dyna-Gro	M73GR55	67	50	5	0	11.7	56.9	6,108
TAMU x KSU	17USCP97	67	49	5	0	12.1	56.7	6,092
Anzu Genetica	AG 4460	65	45	7	0	11.9	57.5	6,049

*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 (Limited Irrigated) 2018 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)
Texas A&M AgriLife Research	ATx2928xRTx436	64	47	4	0	11.0	53.0	6,037
Dyna-Gro	GX17962	64	47	6	0	11.6	54.7	5,902
Gold Source	GS7215	64	51	6	0	11.5	55.8	5,902
Texas A&M AgriLife Research	ATx645xRTx2783	67	52	6	0	12.1	55.7	5,895
Gayland Ward	EXP 9097	70	53	6	0	11.0	55.4	5,849
KSU x TAMU	17USCP107	63	48	8	3	11.7	55.4	5,803
Anzu Genetica	AG 4664	65	47	5	0	10.8	53.5	5,774
Pioneer	83P56	64	48	6	0	11.5	54.5	5,699
Gold Source	GS7117	70	47	5	0	11.5	52.4	5,615
Gayland Ward	EXP 9135	64	48	6	0	11.1	53.7	5,542
Gold Source	GS6717	62	47	6	0	10.8	53.8	5,489
TAMU x KSU	17USCP100	62	52	5	0	11.1	54.8	5,487
Gayland Ward	1160	63	47	8	0	11.8	56.1	5,468
Dyna-Gro	M60GB31	62	42	6	0	10.7	55.1	5,275
B-H Genetics	4100	63	44	6	0	11.0	54.6	5,268
REV	9562	62	44	6	0	11.1	55.0	5,182
Integra	G3630	62	43	6	0	10.9	54.3	5,136
Integra	G3670	61	42	7	0	11.4	53.7	5,120
Golden Acres	3960B	63	44	5	0	11.3	53.4	5,104
Gayland Ward	EXP 9127	63	48	8	1	11.9	54.9	4,988
Texas A&M AgriLife Research	ATx378xRTx430	61	51	6	5	11.5	53.5	4,873

*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 (Limited Irrigated) 2018 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)
Texas A&M AgriLife Research	ATx399xRTx430	58	45	8	1	10.7	52.6	4,689

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

Monte Alto (Limited Irrigated)

2018 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	64	48	6	0.2	11.5	55.3	5,967
Plant Date	2/22/2018	C.V. %	1.7	3.8	17.7	523.5	4.8	1.8	10.0
Harvest Date	7/2/2018	P>f (hybrid)	0.000	0.000	0.000		0.000	0.000	0.000
Irrigated	Yes	L.S.D.	1.5	2.6	1.5		0.8	1.4	842.1
Row Spacing (in)	30	Trial Notes							
Number of Rows	2								
Seeds per Acre	55,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)									
Precipitation (in)	8.79								
Irrigation (in)									
Herbicide									
		Soil Type	Willacy Fine Sandy Loam						
		Tillage							
		Previous Crop	Grain Sorghum						
		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 / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505							

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