

## Monte Alto (Full 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)
Gayland Ward	EXP 8016	65	54	8	0	11.3	56.5	7,285
Dyna-Gro	GX17968	63	51	9	0	11.2	56.4	7,197
Dyna-Gro	GX17948	64	48	6	0	11.0	56.9	6,996
REV	9924	64	47	5	0	10.6	54.0	6,981
Dyna-Gro	M73GR55	66	49	6	0	11.1	56.7	6,938
Gayland Ward	EXP 9098	66	51	8	0	10.8	54.9	6,833
Dyna-Gro	GX17227	65	49	6	0	11.2	57.4	6,496
Dyna-Gro	M74GB17	67	50	7	0	11.0	56.2	6,449
Gayland Ward	EXP 9097	68	53	9	0	10.8	54.9	6,163
Gayland Ward	EXP 9134	65	56	11	0	10.8	55.2	6,148
Gold Source	GS7117	68	47	8	0	10.6	52.3	6,124
Dyna-Gro	GX17962	64	45	6	0	10.6	54.4	5,963
REV	9782	61	45	6	0	10.6	56.8	5,937
Gold Source	GS7215	63	51	6	1	10.7	54.8	5,928
Texas A&M AgriLife Research	ATx645xRTx2783	66	53	8	0	11.0	55.5	5,902
Dyna-Gro	GX16833	62	48	6	0	10.6	54.7	5,762
Gayland Ward	EXP 9138	64	58	13	10	10.7	54.8	5,753
Dyna-Gro	GX17379	64	44	7	0	10.9	55.2	5,748
Sorghum Partners	SP73B12	65	46	7	0	11.3	56.3	5,702
Gold Source	GS7016	64	51	6	0	10.7	54.9	5,571
REV	9562	62	43	6	0	10.5	53.8	5,296

\*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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Texas A&M AgriLife Research	ATx2928xRTx436	63	47	5	0	10.2	52.4	5,262
Gayland Ward	EXP 9139	62	45	10	0	11.0	55.8	5,253
B-H Genetics	4100	60	40	7	0	10.5	55.0	5,160
Gayland Ward	EXP 9135	63	49	7	0	10.6	53.5	5,116
Gold Source	GS6717	60	46	7	0	10.4	52.9	5,066
Gayland Ward	1160	62	46	8	0	11.0	55.4	4,999
Dyna-Gro	M60GB31	60	40	7	0	10.5	54.2	4,950
Texas A&M AgriLife Research	ATx378xRTx430	60	49	7	0	10.3	53.5	4,930
Gayland Ward	EXP 9127	59	48	8	0	10.6	55.3	4,930
Texas A&M AgriLife Research	ATx399xRTx430	58	47	8	0	10.2	52.3	4,795

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<b>Agronomic information</b>		Mean	63	48	7	0.4	10.8	54.9	5,859
Plant Date	2/22/2018	C.V. %	1.4	4.6	15.4	123.7	1.3	1.3	9.3
Harvest Date	6/29/2018	P>f (hybrid)	0.000	0.000	0.000		0.000	0.000	0.000
Irrigated	Yes	L.S.D.	1.3	3.1	1.6		0.2	1.0	768.8
Row Spacing (in)	30	<b>Trial Notes</b>							
Number of Rows	2	<p><b>Cooperator:</b> Rio Farms</p> <p>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 &lt; 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</p>							
Seeds per Acre	80,000								
N (lb/ac)		Soil Type	Willacy Fine Sandy Loam						
P2O5 (lb/ac)		Tillage							
K2O (lb/ac)		Previous Crop	Grain Sorghum						
Precipitation (in)	8.79								
Irrigation (in)									
Herbicide									

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