

# Monte Alto - Limited Irrigated 2016 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)
<b>Agronomic information</b>		Mean	60	48	7	12.9	55.3	3,156
Plant Date	2/18/2016	C.V. %	1.8	3.6	18.3	108.2	2.3	21.2
Harvest Date	6/23/2016	P>f (hybrid)	0.000	0.000	0.000		0.000	
Irrigated	Yes	L.S.D.	1.5	2.4	1.8		2.2	
Row Spacing (in)	30	<b>Trial Notes</b>						
Number of Rows	2	*Additional nutrients: 3/30/16: Broadcast sprayed 2.3 pt/A of FOLIGRO (2- 17-17) & 2 pt/A of Nitrozin (17-0-0-5(Zn))						
Seeds per Acre	55,000	*Test was irrigated once						
N (lb/ac)	133	*Aphids were observed, but no insecticides were applied						
P2O5 (lb/ac)	59	*It has been our policy not to publish results if the test CV is over 20%. Significant lodging in several low performing hybrids contributed to a higher CV.						
K2O (lb/ac)	0	Soil Type: Hidalgo sandy clay loam						
Precipitation (in)	23.15	Tillage: Conventional tillage, planted on raised beds						
Irrigation (in)	3.5	Previous Crop: Soybeans - Fall 2015						
Herbicide	1 qt/A of Outlook pre-emerge	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: Dennis Pietsch, croptest@tamu.edu, 979-845-8505						

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