

Monte Alto (Limited) 2019 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	73	55	4	45.6	55.6	2,620
Plant Date	3/3/2019	C.V. %	1.0	2.7	26.7	46.4	3.7	35.1
Harvest Date	7/10/2019	P>f (hybrid)	0.000	0.000		0.775	0.008	
Irrigated	Yes	L.S.D.	1.4	2.1			3.6	
Row Spacing (in)	30	Trial Notes						
Number of Rows	2	*A single weather event with 60+ mph winds and 10"+ of rain on June 23 contributed to severe lodging and high variability within the test. Hybrid yield data will not be published.						
Seeds per Acre	55,000	<p>Cooperator: Texas AgriScience</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 < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem 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>						
N (lb/ac)	130	Soil Type	Clay loam					
P2O5 (lb/ac)	55	Tillage	Conventional; cultivated on 4/20					
K2O (lb/ac)	0	Previous Crop	Corn					
Precipitation (in)	18.18							
Irrigation (in)	6							
Herbicide	1.6 pt/ac Dual & 1.5 lb/ac Atrazine applied pre-emerge							

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