

# Monte Alto (Full) 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)	
<b>Agronomic information</b>		Mean	73	54	6	59.4	14.5	55.3	2,157
Plant Date	2/27/2019	C.V. %	1.5	3.6	23.4	33.1	6.2	4.0	46.2
Harvest Date	7/11/2019	P>f (hybrid)	0.000	0.000			0.001	0.350	
Irrigated	Yes	L.S.D.	1.5	2.8			1.5		
Row Spacing (in)	30	<b>Trial Notes</b>							
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 Hybrid yield data will not be published.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	80,000	<b>Cooperator:</b> Texas AgriScience 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							
N (lb/ac)	130	Soil Type	Clay loam						
P2O5 (lb/ac)	55	Tillage	Conventional; cultivated 4/20						
K2O (lb/ac)	0	Previous Crop	Corn						
Precipitation (in)	18.18								
Irrigation (in)	12								
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.