

Gruver 2019 Grain Sorghum Performance Trial

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (bu/acre)
Agronomic information		Mean	63	38	1	0.0	51.7	45
Plant Date	6/11/2019	C.V. %	2.3	6.6	52.8	9.7	5.6	23.6
Harvest Date	10/17/2019	P>f (hybrid)	0.000	0.000		20.2	0.251	0.000
Irrigated	Yes	L.S.D.	2.0	3.5		0.101		15.3
Row Spacing (in)	30	Trial Notes						
Number of Rows	2	*Hybrid yield data will not be published due to a high variance of data across plots.						
Seeds per Acre	60,000							
N (lb/ac)	140	Cooperator: Dustin Borden 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						
P2O5 (lb/ac)	0							
K2O (lb/ac)	0							
Precipitation (in)	23.25							
Irrigation (in)	8							
Herbicide		Soil Type	Silty clay loam					
		Tillage	Strip-tilled in April					
		Previous Crop	Forage sorghum, grazed out					

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