



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 * (lbs/acre)	
Agronomic information		Mean	63	38	1	0.0	9.7	51.7	2,527
Plant Date	6/11/2019	C.V. %	2.3	6.6	52.8		20.2	5.6	23.6
Harvest Date	10/17/2019	P>f (hybrid)	0.000	0.000			0.101	0.251	0.000
Irrigated	Yes	L.S.D.	2.0	3.5					855.9
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Number of Rows	2	*Hybrid yield data will not be published due to a high variance of data across plots.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.