

Lubbock 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)
Agronomic information		Mean	56	41	2	12.3	59.1	2,512
Plant Date	5/27/2016	C.V. %	4.5	12.1	54.8	2.8	2.0	27.5
Harvest Date	10/3/2016	P>f (hybrid)	0.000	0.078		0.000	0.020	
Irrigated	Yes	L.S.D.	4.4			0.5	1.7	
Row Spacing (in)	40	Trial Notes						
Number of Rows	2	*A pre-plant irrigation applied in early May						
Seeds per Acre	52,000	*Applied 1.5 oz/A of Transform on 7/6 for SCA control						
N (lb/ac)	80	*Only 3.83" of rain from June-Aug. Required 2 irrigations to be applied at 30 and 60 days after planting						
P2O5 (lb/ac)	0	*Flash tape & scare eye balloons were used as bird deterrents, but control was very poor						
K2O (lb/ac)	0	*Test was hand-harvested (1/500 acre) & threshed with a Vogel thresher						
Precipitation (in)	11.47	*It has been our policy not to publish results if the test CV is over 20%.						
Irrigation (in)	9	Soil Type	Amarillo loam					
Herbicide	Applied 14 oz/A of Huskie + 1 pt Atrazine, post-plant applied 1 pt/A Dual on 6/24	Tillage	Chiseled, disked, bedded					
		Previous Crop	Fallow					
		Cooperator: Texas A&M AgriLife Research						
		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.