



Thrall

2022 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)
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Agronomic information

Plant Date	4/5/2022
Harvest Date	9/7/2022
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	20.7
Irrigation (in)	
Herbicide	
1 qt/ac Roundup pre, 1 qt/ac Dual + 2 lbs/ac Atrazine	
Soil Type	Burleson clay
Tillage	Conventional
Previous Crop	Corn

Mean	77	39	0	0.0	11.3	51.0	969
C.V. %	6.1	8.2	386.4		6.3		33.0
P>f (hybrid)	0.009	0.013			0.462		
L.S.D.	6.7	4.5					

Trial Notes

*Results not published due to high CV.

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

Cooperator: Stiles Farm Foundation

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:

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Fertilizer Applied		Soil Analysis Report**			
N (lb/ac)	100	NO3-N (ppm)		pH	
P2O5 (lb/ac)	0	P (ppm)*		Conductivity (umho/cm)	
K2O (lb/ac)	0	K (ppm)*		Ca (ppm)*	
S (lb/ac)	0	S (ppm)*		Mg (ppm)*	
Zn (lb/ac)	0			Na (ppm)*	

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