

# Thrall

## 2017 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)
REV	9924	77	52	1	N/A	13.3	56.5	5,285
Pioneer	84P80	74	51	3	N/A	13.5	57.3	5,247
DEKALB	DKS 51-01	74	54	5	N/A	13.0	57.5	5,208
NuTech	GS663	69	50	5	N/A	12.7	56.2	5,145
DEKALB	DKS 45-23	73	51	5	N/A	13.1	58.5	5,037
DEKALB	DKS 53-53	75	53	3	N/A	12.9	58.0	4,913
Integra	G3670	73	51	4	N/A	12.6	55.9	4,888
Golden Acres	5613	70	52	5	N/A	12.5	55.6	4,735
Integra	G3630	70	49	6	N/A	12.1	57.2	4,708
NuTech	GS693	72	51	4	N/A	12.8	56.6	4,603
Sorghum Partners	SP73B12	75	51	4	N/A	13.4	57.6	4,585
DEKALB	DKS 38-16	72	56	6	N/A	12.9	58.6	4,582
B-H Genetics	4100	72	49	5	N/A	12.7	57.0	4,554
Golden Acres	3960B	73	49	5	N/A	13.0	57.0	4,508
Dyna-Gro	M60GB31	72	50	4	N/A	12.8	55.8	4,387
Alta Seeds	AG1203	73	49	4	N/A	12.7	56.9	4,340
NuTech	GS725	73	54	5	N/A	13.6	58.8	4,320
NuTech	GS636	72	48	5	N/A	12.9	53.2	4,240
Dyna-Gro	GX16833	75	49	2	N/A	13.0	58.1	4,194
Texas A&M AgriLife Research	ATx2752xRTx430	75	49	2	N/A	13.7	56.0	4,187
Dyna-Gro	M73GR55	77	52	1	N/A	12.6	57.2	4,073

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



Department of Soil and Crop Sciences

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Golden Acres	X2703	69	54	7	N/A	12.5	58.8	3,875
Dyna-Gro	GX17818	75	49	4	N/A	13.1	57.1	3,789
Integra	G3701	75	55	3	N/A	12.8	58.6	3,666
REV	9562	73	49	4	N/A	13.3	56.3	3,638
Dyna-Gro	M74GB17	77	51	5	N/A	13.6	56.3	3,602
DEKALB	DKS 37-07	71	52	5	N/A	13.0	56.6	3,505
Dyna-Gro	GX16855	76	58	3	N/A	13.8	58.0	3,489
Texas A&M AgriLife Research	ATx378xRTx430	73	55	4	N/A	13.3	54.6	3,221
REV	9782	72	46	4	N/A	13.3	57.1	3,146
Golden Acres	5515	73	49	4	N/A	13.5	55.7	3,114
Texas A&M AgriLife Research	ATx399xRTx430	73	46	4	N/A	12.6	54.6	3,038

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<b>Agronomic information</b>		Mean	73	51	4	13.0	56.8	4,244
Plant Date	3/28/2017	C.V. %	1.9	6.3	26.8	10.6	9.4	20.5
Harvest Date	8/16/2017	P>f (hybrid)	0.000	0.000		0.511	0.424	0.001
Irrigated	No	L.S.D.	1.9	4.5				1,258.5
Row Spacing (in)	30	<b>Trial Notes</b>						
Number of Rows	2	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
Seeds per Acre	65,000							
N (lb/ac)								
P2O5 (lb/ac)								
K2O (lb/ac)		<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
Precipitation (in)	23.21							
Irrigation (in)								
Herbicide								
		Soil Type						
		Tillage						
		Previous Crop						
		<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
		<b>Cooperator:</b> 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 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: Dr. Ronnie Schnell ronschnell@tamu.edu 979-845-2935						

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