AGRICULTURE & LIFE SCIENCES
TEXAS A&M UNIVERSITY

Department of Soil and Crop Sciences

Danevang
2017 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
REV	9924	N/A	55	4	N/A	14.8	59.3	8,290
Dyna-Gro	GX16855	N/A	57	4	N/A	15.8	60.0	8,250
Integra	G3701	N/A	55	4	N/A	15.4	61.9	8,205
DEKALB	DKS 51-01	N/A	57	6	N/A	15.6	60.5	8,204
NuTech	GS693	N/A	53	5	N/A	15.6	59.5	8,161
Texas A&M AgriLife Research	ATx378xRTx430	N/A	56	4	N/A	14.7	58.4	7,932
Alta Seeds	AG1203	N/A	48	5	N/A	14.6	59.7	7,911
REV	9562	N/A	53	5	N/A	14.8	59.7	7,849
NuTech	GS663	N/A	50	4	N/A	15.0	58.4	7,823
Integra	G3670	N/A	52	4	N/A	15.4	57.9	7,649
Pioneer	84P80	N/A	52	2	N/A	15.4	60.1	7,637
NuTech	GS725	N/A	57	6	N/A	15.6	62.2	7,623
Golden Acres	3960B	N/A	48	5	N/A	15.4	59.5	7,603
Dyna-Gro	M60GB31	N/A	48	5	N/A	14.8	60.0	7,571
REV	9782	N/A	49	4	N/A	14.6	60.7	7,559
DEKALB	DKS 45-23	N/A	52	4	N/A	15.1	60.4	7,376
Dyna-Gro	GX16833	N/A	54	5	N/A	15.8	61.1	7,365
NuTech	GS636	N/A	48	5	N/A	15.2	58.6	7,324
Dyna-Gro	M74GB17	N/A	54	4	N/A	15.5	60.4	7,292
DEKALB	DKS 38-16	N/A	56	5	N/A	15.2	60.4	7,182
DEKALB	DKS 53-53	N/A	52	4	N/A	15.4	60.1	7,137

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

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Texas A&M AgriLife Research	ATx2752xRTx430	N/A	53	4	N/A	14.9	58.8	6,992
Dyna-Gro	GX17818	N/A	50	5	N/A	15.4	60.0	6,929
B-H Genetics	4100	N/A	47	5	N/A	14.2	59.6	6,921
DEKALB	DKS 37-07	N/A	50	5	N/A	15.3	61.5	6,861
Sorghum Partners	SP73B12	N/A	45	4	N/A	16.1	59.8	6,732
Golden Acres	3545	N/A	50	5	N/A	14.6	58.6	6,703
Integra	G3630	N/A	48	6	N/A	14.7	59.3	6,640
Texas A&M AgriLife Research	ATx399xRTx430	N/A	50	4	N/A	14.6	57.3	6,405
Dyna-Gro	M73GR55	N/A	54	4	N/A	15.8	59.6	5,795

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Mean			52	4		15.2	59.8	7,397
C.V. %			3.3	20.4		5.6	1.6	8.8
P>f (hybrid)			0.000			0.378	0.000	0.000
L.S.D.			2.4				1.4	975.2

Agronomic information

Plant Date	3/20/2017
Harvest Date	7/20/2017
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Seeds per Acre	80,000
N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
Precipitation (in)	24.2
Irrigation (in)	

Herbicide

Trial Notes

Soil Type	
Tillage	
Previous Crop	

Cooperator: Dean Hansen

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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