

Gregory

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)
DEKALB	DKS 51-01	72	46	5	40	13.0	56.8	5,192
DEKALB	DKS 53-53	73	45	3	9	13.4	57.3	5,158
Dyna-Gro	GX16833	71	48	3	18	13.7	58.8	5,061
Integra	G3630	68	40	4	3	13.3	58.0	4,964
Pioneer	84P80	70	43	2	16	13.4	56.4	4,795
REV	9924	69	46	3	14	13.4	55.4	4,748
DEKALB	DKS 45-23	70	45	2	25	13.8	56.5	4,736
DEKALB	DKS 38-16	68	47	5	46	13.7	56.6	4,680
Dyna-Gro	M60GB31	68	43	4	5	13.9	57.8	4,622
REV	9562	69	43	4	8	13.4	56.6	4,603
Integra	G3670	67	45	5	11	13.3	55.0	4,547
B-H Genetics	4100	69	45	5	1	13.4	57.5	4,545
Dyna-Gro	GX16855	73	48	2	21	13.7	57.3	4,537
Dyna-Gro	GX17818	77	41	4	0	13.3	57.9	4,535
Dyna-Gro	M73GR55	76	44	2	4	13.4	57.2	4,495
DEKALB	DKS 37-07	65	46	5	10	13.5	57.0	4,403
Integra	G3701	72	45	3	48	13.5	57.3	4,402
Alta Seeds	AG1203	69	41	3	1	13.5	56.6	4,347
Texas A&M AgriLife Research	ATx2752xRTx430	68	44	3	55	13.5	54.5	4,206
REV	9782	69	43	2	16	13.4	57.6	4,203
Texas A&M AgriLife Research	ATx378xRTx430	68	47	4	31	13.1	53.4	4,157

*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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Dyna-Gro	M74GB17	76	44	5	9	14.0	56.8	4,030
Sorghum Partners	SP73B12	75	41	3	0	14.0	57.3	3,761
Texas A&M AgriLife Research	ATx399xRTx430	65	46	6	8	12.8	52.4	3,382

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Agronomic information		Mean	70	44	4	16.6	13.5	56.6	4,505
Plant Date	3/1/2017	C.V. %	1.8	4.3	29.9	79.7	3.3	1.6	9.3
Harvest Date	7/20/2017	P>f (hybrid)	0.000	0.000			0.045	0.000	0.000
Irrigated	No	L.S.D.	1.8	2.7			0.6	1.2	591.9
Row Spacing (in)	30	Trial Notes							
Number of Rows	2	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Cooperator: Joel Hoskinson</p> <p>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</p> </div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> <p style="font-size: small;">*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.</p> </div> </div>							
Seeds per Acre	60,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)		Soil Type							
Precipitation (in)	15.17	Tillage							
Irrigation (in)		Previous Crop							
Herbicide									

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