

Danevang

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)
DEKALB	DKS 51-01	75	57	10	6	11.8	60.3	6,659
Integra	G3701	73	57	8	4	12.7	62.4	6,412
Alta Seeds	AG3101	72	58	12	3	11.5	61.5	6,375
REV	9924	75	54	8	8	11.6	59.4	6,317
DEKALB	DKS 53-53	76	53	9	11	12.5	61.2	6,305
REV	9562	73	53	9	0	11.7	60.2	6,236
Alta Seeds	AG2105	72	57	10	1	11.5	60.8	6,215
DEKALB	DKS 45-23	76	53	8	8	12.4	61.6	6,214
Integra	G3630	73	49	9	0	11.4	60.8	6,059
Alta Seeds	AG1203	72	49	9	3	11.4	60.1	6,009
Integra	G3660	72	49	9	5	11.9	60.9	5,744
Golden Acres	3960B	72	49	9	1	12.5	61.2	5,725
Alta Seeds	AG2103	72	49	9	4	11.9	60.2	5,721
Sorghum Partners	SP68M57	72	51	9	0	12.7	60.9	5,707
Texas A&M AgriLife Research	ATx2752xRTx430	72	55	9	0	12.5	60.6	5,698
Sorghum Partners	SP70B17	72	54	9	3	11.5	59.7	5,660
Integra	G3670	72	55	9	9	12.1	59.4	5,513
Alta Seeds	AG3201	71	55	9	8	12.0	59.1	5,474
Sorghum Partners	K73-J6	73	53	10	13	11.9	60.2	5,174
Texas A&M AgriLife Research	ATx378xRTx430	72	60	10	25	12.8	60.3	5,048
REV	9782	73	51	8	39	12.7	60.9	4,346
Texas A&M AgriLife Research	ATx399xRTx430	72	53	9	14	12.5	60.1	4,338

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

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Agronomic information		Mean	73	53	9	7.3	12.1	60.5	5,771
Plant Date	2/29/2016	C.V. %	1.0	2.8	12.0	97.7	9.3	0.9	7.6
Harvest Date	7/13/2016	P>f (hybrid)	0.000	0.000	0.002		0.738	0.000	0.000
Irrigated	No	L.S.D.	1.0	2.1	1.5			0.8	616.9
Row Spacing (in)	40	Trial Notes							
Number of Rows	2	*Glyphosate was applied as a harvest aid on 6/25/16. Due to ongoing combine issues, test was harvested 10 days later than the optimum time. Lodging can be attributed to the delay of harvest							
Seeds per Acre	80,000	*Beneficial rains throughout the growing season contributed to outstanding yields.							
N (lb/ac)	94	*Smut was observed in test. Counts were made prior to harvest from all replications. Smut counts are available upon request.							
P2O5 (lb/ac)	32	Soil Type	Lake Charles clay						
K2O (lb/ac)	14	Tillage	Conventional tillage. Test planted on raised beds.						
Precipitation (in)	27.59	Previous Crop	Cotton						
Irrigation (in)		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: Dennis Pietsch croptest@tamu.edu 979-845-8505							
Herbicide	Applied at planting 12 oz/A of Verdict + 24 oz/A of Touchdown + 0.5 oz/A of Aim								

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