

Sunray

2019 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 54-07	71	56	6	0	12.4	56.2	7,844
Dyna-Gro	M60GB31	67	49	5	0	12.6	54.9	7,437
B-H Genetics	4100	67	51	5	0	11.6	54.4	7,303
Alta Seeds	ADV G3247	71	53	6	0	11.6	54.6	7,130
Dyna-Gro	M71GR91	70	55	5	0	13.4	57.5	7,101
Golden Acres	4880R	69	56	6	0	13.4	57.4	7,058
DEKALB	DKS 46-60	67	50	8	0	12.0	55.2	7,024
Dyna-Gro	M62GB77	65	48	7	0	11.4	54.8	7,009
Dyna-Gro	M69GR88	72	50	4	0	13.8	53.3	6,993
Dyna-Gro	GX17457	70	51	2	0	11.1	54.3	6,986
Dyna-Gro	M68GB18	72	56	4	0	13.1	54.8	6,913
Dyna-Gro	GX17973	70	56	5	0	10.1	51.2	6,876
DEKALB	DKS 53-53	71	50	6	0	12.5	54.8	6,775
Pioneer	84P80	71	51	2	0	11.7	55.1	6,773
Dyna-Gro	GX19981	70	49	4	0	13.2	57.3	6,753
Dyna-Gro	M60GB88	66	48	5	0	11.4	54.1	6,733
Dyna-Gro	GX18395	67	51	5	0	12.9	55.1	6,698
Alta Seeds	ADV G2275	70	53	6	0	14.5	56.3	6,663
Golden Acres	3020B	67	50	6	0	12.3	54.1	6,638
Dyna-Gro	M71GR04	71	56	1	0	11.1	53.4	6,579
DEKALB	DKS 37-07	66	47	4	0	11.2	54.0	6,541

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

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Sorghum Partners	SP74M21	72	50	6	0	11.6	53.9	6,522
Alta Seeds	ADV G2106	67	48	5	0	11.6	54.8	6,496
Dyna-Gro	M69GB38	70	54	7	0	11.8	53.9	6,440
Texas A&M AgriLife Research	ATx2752xRTx2783	72	55	2	0	12.1	54.3	6,335
REV	9620	72	55	5	0	12.5	52.6	6,296
DEKALB	DKS 38-16	66	50	6	0	11.3	54.9	6,143
Dyna-Gro	M74GB17	70	53	4	0	11.8	53.7	6,067
DEKALB	DKS 51-01	68	52	6	0	10.2	54.4	5,759
REV	9924	73	56	3	0	10.4	51.9	5,652
Texas A&M AgriLife Research	ATx2752xRTx430	71	49	3	0	11.8	53.4	5,648
Texas A&M AgriLife Research	ATx378xRTx430	69	58	4	0	11.3	52.7	5,583
Texas A&M AgriLife Research	ATx631xRTx436	72	56	5	0	13.3	53.1	4,870

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Agronomic information		Mean	69	52	5	0.0	12.0	54.4	6,595
Plant Date	6/25/2019	C.V. %	1.2	4.0	27.7		10.1	2.3	7.9
Harvest Date	10/23/2019	P>f (hybrid)	0.000	0.000	0.000		0.000	0.000	0.000
Irrigated	No	L.S.D.	1.1	3.0	1.8		1.7	1.8	732.3
Row Spacing (in)	30	Trial Notes							
Number of Rows	2	<p>Cooperator: Lone Star Family Farms</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 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: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>							
Seeds per Acre	40,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)		Soil Type	Silty clay loam						
Precipitation (in)	26.38	Tillage							
Irrigation (in)		Previous Crop							
Herbicide									

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