

Damon

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	76	60	5	0	15.3	58.9	7,220
REV	9562	74	53	4	0	13.7	57.7	7,006
DEKALB	DKS 51-01	75	57	5	0	15.6	59.0	6,997
DEKALB	DKS 46-60	75	57	7	0	14.5	59.5	6,904
Pioneer	84P80	75	52	3	0	14.4	57.4	6,860
Dyna-Gro	GX18991	77	59	4	0	15.4	59.9	6,844
Dyna-Gro	GX17457	74	54	4	0	14.8	58.6	6,829
DEKALB	DKS 53-53	76	55	5	0	14.4	56.5	6,756
DEKALB	DKS 38-16	74	58	6	0	14.5	59.5	6,752
Dyna-Gro	M69GB38	74	56	7	0	14.7	58.0	6,676
Dyna-Gro	GX17973	74	60	6	0	14.9	58.4	6,587
Dyna-Gro	M71GR04	76	56	3	0	15.6	59.3	6,469
Texas A&M AgriLife Research	ATx2752xRTx2783	76	56	3	0	14.8	60.5	6,383
Golden Acres	4880R	76	57	5	0	16.2	58.6	6,267
Golden Acres	3020B	74	51	4	0	13.0	53.9	6,244
Integra	G3670	73	54	5	0	14.7	56.4	6,231
Integra	G3665	73	54	4	0	14.6	56.9	6,164
Dyna-Gro	M69GR88	73	51	5	0	15.2	58.1	6,024
Dyna-Gro	GX18395	71	51	4	0	15.3	58.1	6,013
Texas A&M AgriLife Research	ATx378xRTx430	73	62	6	0	15.5	56.2	6,013
Texas A&M AgriLife Research	ATx2752xRTx430	74	53	3	0	15.1	55.8	5,996

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

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REV	9782	74	53	4	0	15.0	58.8	5,995
Dyna-Gro	M68GB18	81	60	4	0	15.7	59.2	5,914
REV	9620	73	57	7	0	14.1	58.0	5,904
Texas A&M AgriLife Research	ATx631xRTx436	77	64	6	0	15.1	56.4	5,878
Dyna-Gro	GX19981	77	55	4	0	16.3	60.0	5,724
Integra	G3630	73	49	3	0	14.2	57.1	5,719
Alta Seeds	ADV G2106	70	48	5	0	14.0	56.4	5,655
Dyna-Gro	M73GR55	81	60	4	0	14.9	58.7	5,625
Dyna-Gro	M62GB77	73	54	6	0	13.2	56.1	5,569
DEKALB	DKS 37-07	71	51	5	0	12.7	53.0	5,439
B-H Genetics	4100	73	50	4	0	14.0	56.4	5,425
Dyna-Gro	M60GB31	74	51	5	0	14.6	56.8	5,373
Dyna-Gro	M74GB17	75	55	4	0	15.6	57.8	5,345
Alta Seeds	ADV G3247	74	55	5	0	15.2	57.8	5,190
Alta Seeds	ADV G2275	76	54	5	0	15.1	57.4	5,044
Sorghum Partners	SP74M21	76	56	6	0	16.5	57.3	4,993

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Agronomic information		Mean	74	55	5	0.0	14.8	57.7	6,109
Plant Date	3/19/2019	C.V. %	2.1	3.8	21.7		7.7	4.1	11.7
Harvest Date	7/22/2019	P>f (hybrid)	0.000	0.000			0.039	0.218	0.004
Irrigated	No	L.S.D.	2.6	2.9			2.0		1,240.9
Row Spacing (in)	40	Trial Notes							
Number of Rows	2	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Cooperator: Mikel Brothers</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> </div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> </div> </div>							
Seeds per Acre	65,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)									
Precipitation (in)	33.26	Soil Type	Clay						
Irrigation (in)		Tillage							
Herbicide		Previous Crop	Cotton						

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