

Damon

2020 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 44-07	66	57	6	0	15.1	59.7	8,443
Dyna-Gro	M71GR91	68	62	6	0	15.0	59.9	8,291
Pioneer	83G19	64	62	7	0	14.2	58.1	8,022
DEKALB	DKS 54-07	69	63	8	0	14.4	60.2	7,926
Pioneer	82P83	68	61	6	0	13.5	57.7	7,808
Dyna-Gro	GX19981	68	56	4	0	14.6	60.1	7,537
DEKALB	DKS 46-60	67	61	7	0	14.7	59.5	7,520
Golden Acres	4880R	69	62	5	0	14.8	60.6	7,518
Pioneer	83P27	63	61	8	0	14.3	57.7	7,480
DEKALB	DKS 45-60	66	61	8	0	14.3	59.8	7,456
Pioneer	83P11	65	61	7	0	14.4	57.7	7,321
Dyna-Gro	M72GB71	69	61	7	0	14.2	59.6	7,237
Texas A&M AgriLife Research	ATx378xRTx430	64	63	8	0	13.1	56.2	7,010
Dyna-Gro	M69GB38	68	63	10	0	14.2	57.2	6,623
Texas A&M AgriLife Research	ATx399xRTx430	63	56	7	0	13.8	54.8	6,328
Golden Acres	3020B	67	58	5	0	14.1	57.7	6,319
Alta Seeds	ADV G2275	66	58	5	0	14.7	58.5	6,192
DEKALB	DKS 36-07	64	57	7	0	15.2	57.3	5,983
Dyna-Gro	M74GB17	70	56	4	0	14.5	57.9	5,925
Dyna-Gro	M60GB31	65	53	5	0	13.9	56.6	5,774
Dyna-Gro	M69GR88	66	56	7	0	13.9	56.4	5,683

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



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

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Dyna-Gro	M62GB77	66	57	8	0	14.9	58.7	5,104
Texas A&M AgriLife Research	ATx631xRTx436	71	63	7	0	14.7	56.3	4,519

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Agronomic information		Mean	67	59	7	0.0	58.2	6,870
Plant Date	3/13/2020	C.V. %	1.3	4.2	20.7	6.6	1.6	5.1
Harvest Date	7/14/2020	P>f (hybrid)	0.000	0.000		0.362	0.000	0.000
Irrigated	No	L.S.D.	1.2	3.5			1.3	493.8
Row Spacing (in)	40	Trial Notes						
Number of Rows	2	<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>						
Seeds per Acre	65,000							
Precipitation (in)	25.79							
Irrigation (in)								
Herbicide		Fertilizer Applied		Soil Analysis Report**				
Soil Type	Clay	N (lb/ac)		NO3-N (ppm)	15	pH		5.5
Tillage	Conventional	P2O5 (lb/ac)		P (ppm)*	69	Conductivity (umho/cm)		229
Previous Crop	Cotton	K2O (lb/ac)		K (ppm)*	217	Ca (ppm)*		3,958
		S (lb/ac)		S (ppm)*	11	Mg (ppm)*		980
		Zn (lb/ac)				Na (ppm)*		32

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