

Damon

2022 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	59	51	4	0	13.3	59.4	6,572
DEKALB	DKS 50-07	60	50	3	0	13.6	60.7	6,397
Dyna-Gro	M67GB87	60	54	3	0	11.6	56.3	6,349
DEKALB	DKS 45-60	59	50	6	0	13.7	60.5	6,180
Dyna-Gro	GX22934	60	53	3	0	13.8	60.4	6,163
Dyna-Gro	M71GR91	61	55	4	0	13.7	59.8	6,154
DEKALB	DKS 40-76	60	52	4	0	13.4	59.6	5,895
Dyna-Gro	M63GB78	58	50	3	0	13.5	58.9	5,879
Dyna-Gro	GX22932	59	55	5	0	13.7	59.9	5,828
DEKALB	DKS 54-07	62	54	4	0	13.6	59.2	5,686
Dyna-Gro	GX21965	60	52	3	0	13.0	58.2	5,390
Alta Seeds	ADVG 2165	59	50	3	0	13.5	59.0	4,876
Dyna-Gro	M72GB71	61	52	2	0	13.3	59.3	4,734
Dyna-Gro	M60GB31	59	49	4	0	13.0	58.7	4,617
Alta Seeds	ADVG 2168IG	59	48	3	0	12.9	59.2	4,569
DEKALB	DKS 36-07	57	52	4	0	13.6	59.0	4,367
Dyna-Gro	M59GB94	56	52	5	0	13.9	58.9	3,987

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



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Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Dyna-Gro	GX21965	36,100	38,551	56	0.07	0.0	0.14		
Dyna-Gro	GX22932	34,794	46,718	54	0.36	0.0	0.13		
Dyna-Gro	GX22934	40,021	48,025	62	0.21	0.0	0.13		
Dyna-Gro	M59GB94	29,730	36,590	46	0.24	0.0	0.11		
Dyna-Gro	M60GB31	35,774	42,471	55	0.19	0.0	0.11		
Dyna-Gro	M63GB78	34,304	47,535	53	0.40	0.0	0.12		
Dyna-Gro	M67GB87	35,774	55,539	55	0.58	0.0	0.11		
Dyna-Gro	M71GR91	44,105	48,678	68	0.11	0.0	0.13		
Dyna-Gro	M72GB71	33,813	40,347	52	0.21	0.0	0.12		
DEKALB	DKS 36-07	30,220	36,264	46	0.20	0.0	0.12		
DEKALB	DKS 40-76	38,224	45,411	59	0.19	0.0	0.13		
DEKALB	DKS 44-07	37,244	49,005	57	0.31	0.0	0.15		
DEKALB	DKS 45-60	37,080	46,718	57	0.31	0.0	0.13		
DEKALB	DKS 50-07	34,794	47,208	54	0.41	0.0	0.14		
DEKALB	DKS 54-07	34,304	44,431	53	0.32	0.0	0.13		
Alta Seeds	ADVG 2165	33,813	37,571	52	0.12	0.0	0.14		
Alta Seeds	ADVG 2168IG	34,304	36,754	53	0.13	0.0	0.13		



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Mean	35,553	43,989	55	0.26	0.0	0.13		
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Agronomic information

Plant Date:

Harvest Date:

Irrigated:

Row Spacing (in):

Number of Rows:

Target Seeds per Acre:

Precipitation (in):

Irrigation (in):

Herbicide:

Soil Type:

Tillage:

Previous Crop:

Trial Notes

Cooperator:

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:

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** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied		Soil Analysis Report**			
N (lb/ac)	<input type="text"/>	NO3-N (ppm)	<input type="text" value="27"/>	pH	<input type="text" value="5.1"/>
P2O5 (lb/ac)	<input type="text"/>	P (ppm)*	<input type="text" value="74"/>	Conductivity (umho/cm)	<input type="text" value="203"/>
K2O (lb/ac)	<input type="text"/>	K (ppm)*	<input type="text" value="267"/>	Ca (ppm)*	<input type="text" value="2,137"/>
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