

Thrall

2018 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)
REV	9782	84	38	2	35	12.2	52.9	3,894
Dyna-Gro	M60GB31	85	39	3	5	11.7	53.7	3,851
DEKALB	DKS 37-07	82	38	2	5	12.2	55.0	3,825
Alta Seeds	AG1203	85	39	2	5	11.6	52.6	3,801
Pioneer	84P72	85	40	2	30	12.1	53.2	3,780
Pioneer	83P27	85	41	2	15	11.5	52.7	3,618
Pioneer	84P68	86	39	1	13	12.4	55.0	3,551
Dyna-Gro	GX17962	85	38	3	0	12.4	54.4	3,528
Golden Acres	3960B	84	39	4	8	12.5	53.8	3,479
Integra	G3630	84	40	3	15	11.9	53.3	3,402
Alta Seeds	ADV G2275	86	37	5	5	12.5	53.7	3,349
Dyna-Gro	GX17948	86	40	3	8	12.2	53.6	3,329
Texas A&M AgriLife Research	ATx2928xRTx436	85	40	3	13	11.7	52.9	3,298
NuTech	GS663	82	39	1	10	12.4	53.6	3,258
Dyna-Gro	GX17968	88	41	5	13	12.3	52.8	3,233
DEKALB	DKS 38-16	85	38	2	30	12.7	55.5	3,217
B-H Genetics	4100	84	41	3	10	12.0	52.5	3,217
REV	9924	89	42	3	5	12.8	53.5	3,181
Texas A&M AgriLife Research	ATx399xRTx430	84	36	2	26	11.6	51.4	3,173
Golden Acres	3020B	85	38	4	8	12.7	54.0	3,145
NuTech	GS693	84	41	4	20	13.2	54.5	3,112

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

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NuTech	GS636	85	38	4	8	12.4	52.4	3,067
DEKALB	DKS 45-23	86	42	2	8	12.1	53.9	3,048
Integra	G3670	85	38	3	33	12.2	54.0	3,012
Golden Acres	2840B	81	45	3	20	12.6	53.8	2,986
Sorghum Partners	SP73B12	88	42	3	5	12.6	53.1	2,898
REV	9562	86	39	2	35	11.9	52.2	2,881
DEKALB	DKS 53-53	88	41	2	15	12.3	54.2	2,813
Dyna-Gro	GX17379	90	39	2	20	12.4	53.3	2,799
DEKALB	DKS 51-01	87	42	4	20	12.1	53.3	2,687
Dyna-Gro	M74GB17	87	42	3	15	11.7	52.5	2,678
Pioneer	83P73	92	41	1	5	12.3	52.2	2,579
Gold Source	GS7117	87	36	3	35	12.0	52.2	2,493
NuTech	GS725	85	39	6	35	12.6	52.7	2,312
Gold Source	GS6717	85	40	4	50	12.9	53.6	2,267
Dyna-Gro	GX17227	92	40	3	3	12.0	52.6	2,231
Alta Seeds	ADV G3247	89	39	5	44	12.2	52.7	2,080
Texas A&M AgriLife Research	ATx378xRTx430	85	42	5	66	11.3	53.0	1,954
Gold Source	GS7215	87	41	2	59	12.8	52.7	1,872
Dyna-Gro	M73GR55	92	43	2	8	12.4	53.4	1,850
Dyna-Gro	GX16833	93	35	2	33	12.1	51.7	1,799
Texas A&M AgriLife Research	ATx645xRTx2783	87	43	3	49	12.2	53.3	1,794

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Department of Soil and Crop Sciences

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Integra	G3701	89	40	2	25	12.9	52.1	1,793
Gold Source	GS7016	89	43	3	34	12.3	51.1	1,689

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Agronomic information		Mean	86	40	3	20.4	12.2	53.2	2,905
Plant Date	3/15/2018	C.V. %	1.6	8.7	41.8	66.2	5.6	2.6	21.3
Harvest Date	8/23/2018	P>f (hybrid)	0.000	0.038			0.089	0.020	0.000
Irrigated	No	L.S.D.	2.0	4.8				2.2	868.1
Row Spacing (in)	30	Trial Notes							
Number of Rows	2	Below average rainfall, in particular during critical growth stages resulted in lower than normal yields.							
Seeds per Acre	65,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)		Cooperator: Stiles Farm Foundation 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: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505							
Precipitation (in)	12.7								
Irrigation (in)		Soil Type	Burluson Clay						
Herbicide		Tillage							
		Previous Crop	Corn						

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