

## Dawson (Limestone County)

### 2017 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 38-16	77	55	7	N/A	12.2	58.0	5,843
DEKALB	DKS 51-01	80	56	6	N/A	12.8	57.3	5,695
B-H Genetics	4100	79	50	5	N/A	12.0	56.5	5,645
Integra	G3670	78	52	4	N/A	12.7	55.8	5,511
NuTech	GS693	79	53	5	N/A	12.1	57.7	5,477
Integra	G3701	81	54	4	N/A	12.5	58.7	5,395
DEKALB	DKS 53-53	80	52	5	N/A	13.2	56.7	5,369
REV	9562	79	52	5	N/A	12.1	57.5	5,199
Dyna-Gro	M60GB31	77	51	7	N/A	12.1	56.4	5,144
Golden Acres	X2703	77	56	7	N/A	12.1	56.5	5,136
Alta Seeds	AG1203	79	51	5	N/A	12.2	56.9	5,057
REV	9924	81	52	5	N/A	12.2	56.7	5,000
NuTech	GS636	79	52	6	N/A	12.4	56.4	4,996
Texas A&M AgriLife Research	A05071/R07178	81	53	6	N/A	11.9	57.1	4,980
Sorghum Partners	SP73B12	79	52	5	N/A	12.9	57.2	4,962
Texas A&M AgriLife Research	ATx378xRTx430	79	55	5	N/A	11.9	54.8	4,947
Integra	G3630	78	50	6	N/A	12.2	55.0	4,896
Dyna-Gro	GX16833	81	54	5	N/A	12.3	55.4	4,883
NuTech	GS725	81	56	6	N/A	12.1	57.8	4,804
Golden Acres	5613	79	51	6	N/A	11.9	56.0	4,787
DEKALB	DKS 45-23	80	54	6	N/A	12.7	57.0	4,742

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



Department of Soil and Crop Sciences

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Golden Acres	3960B	80	48	6	N/A	12.2	56.3	4,717
DEKALB	DKS 37-07	77	52	6	N/A	11.8	57.3	4,698
Pioneer	84P80	81	51	5	N/A	11.8	56.2	4,631
Golden Acres	5515	80	52	7	N/A	12.3	55.8	4,602
REV	9782	78	52	6	N/A	12.0	53.6	4,543
Texas A&M AgriLife Research	ATx2752xRTx430	82	51	4	N/A	12.6	56.4	4,500
Dyna-Gro	M74GB17	80	53	6	N/A	12.7	56.0	4,374
Dyna-Gro	GX16855	82	55	4	N/A	12.4	57.4	4,151
Texas A&M AgriLife Research	ATx399xRTx430	81	50	5	N/A	11.7	54.6	4,031
Dyna-Gro	GX17818	82	52	5	N/A	12.6	55.0	3,952
NuTech	GS663	76	50	5	N/A	12.4	56.9	3,934
Texas A&M AgriLife Research	A_18/R07178	81	54	4	N/A	12.1	56.1	3,754
Dyna-Gro	M73GR55	83	53	5	N/A	12.1	56.4	3,374

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<b>Agronomic information</b>		Mean	80	52	5	12.3	56.5	4,816
Plant Date	<input type="text" value="3/27/2017"/>	C.V. %	2.0	4.1	21.3	4.5	2.6	15.8
Harvest Date	<input type="text" value="8/12/2017"/>	P>f (hybrid)	0.000	0.000		0.095	0.008	0.004
Irrigated	<input type="text" value="No"/>	L.S.D.	2.3	3.1			2.2	1,140.7
Row Spacing (in)	<input type="text" value="30"/>	<b>Trial Notes</b>						
Number of Rows	<input type="text" value="2"/>	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
Seeds per Acre	<input type="text" value="65,000"/>							
N (lb/ac)	<input type="text"/>							
P2O5 (lb/ac)	<input type="text"/>							
K2O (lb/ac)	<input type="text"/>							
Precipitation (in)	<input type="text" value="30.58"/>	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
Irrigation (in)	<input type="text"/>	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>						
Herbicide	<input type="text"/>							
	<input type="text"/>							
		Soil Type						
		Tillage						
		Previous Crop						
		<b>Cooperator:</b> <input type="text" value="Brian Maddox"/>						
		<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 &lt; 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.</p> <p>For additional information contact:            Dr. Ronnie Schnell            ronschnell@tamu.edu            979-845-2935</p>						

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