

# Bushland

## 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)
Dyna-Gro	M74GB17	N/A	58	4	0	12.4	59.9	10,149
NuTech	GS636	N/A	50	4	0	11.4	60.7	9,867
Golden Acres	3020B	N/A	51	3	0	11.6	60.2	9,825
Dyna-Gro	M60GB31	N/A	52	5	0	11.3	61.0	9,803
Dyna-Gro	GX16833	N/A	51	2	0	12.4	61.7	9,656
Dyna-Gro	M73GR55	N/A	59	4	0	12.5	61.8	9,613
Dyna-Gro	M69GB38	N/A	58	7	0	12.0	61.6	9,397
DEKALB	DKS 53-53	N/A	52	4	0	12.2	60.9	9,105
DEKALB	DKS 37-07	N/A	49	4	0	11.3	60.7	9,088
DEKALB	DKS 51-01	N/A	53	5	0	11.7	60.1	9,048
Texas A&M AgriLife Research	ATx645xRTx2783	N/A	55	3	0	11.8	60.9	9,047
Dyna-Gro	GX17962	N/A	52	3	0	11.5	60.4	8,962
Dyna-Gro	GX17379	N/A	52	3	0	12.2	60.7	8,915
NuTech	GS663	N/A	47	2	0	11.3	59.7	8,877
DEKALB	DKS 45-23	N/A	51	2	0	11.7	60.2	8,650
Dyna-Gro	GX17227	N/A	56	3	0	12.2	60.7	8,623
Dyna-Gro	GX17948	N/A	51	4	0	12.1	62.8	8,519
B-H Genetics	4100	N/A	47	3	0	11.8	61.7	8,361
S&W Seed	SG11268	N/A	53	5	0	12.3	58.9	8,327
NuTech	GS693	N/A	50	4	0	11.3	59.8	8,203
Golden Acres	2840B	N/A	52	5	0	11.5	60.3	8,042

\*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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REV	9782	N/A	51	4	0	11.4	59.3	8,008
Sorghum Partners	SP73B12	N/A	49	2	0	12.7	61.9	7,938
Texas A&M AgriLife Research	ATx2928xRTx436	N/A	50	3	0	11.3	59.9	7,894
S&W Seed	SG11670	N/A	44	4	0	12.1	60.8	7,824
NuTech	GS725	N/A	54	4	0	11.9	61.1	7,621
DEKALB	DKS 38-16	N/A	54	4	0	11.5	60.2	7,569
Texas A&M AgriLife Research	ATx378xRTx430	N/A	56	2	0	11.4	59.2	7,550
S&W Seed	SG11668	N/A	50	2	0	12.1	59.8	7,444
REV	9562	N/A	48	4	0	11.3	60.8	6,961
Texas A&M AgriLife Research	ATx399xRTx430	N/A	47	3	0	11.4	59.2	6,877
MOJO Seed	EXP 36	N/A	38	0	0	10.3	55.0	3,005

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<b>Agronomic information</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Mean</td> <td style="width: 15%;"></td> <td style="width: 10%; text-align: center;">51</td> <td style="width: 10%; text-align: center;">3</td> <td style="width: 10%; text-align: center;">0.0</td> <td style="width: 10%; text-align: center;">11.7</td> <td style="width: 10%; text-align: center;">60.4</td> <td style="width: 10%; text-align: center;">8,399</td> </tr> <tr> <td>C.V. %</td> <td></td> <td style="text-align: center;">7.5</td> <td style="text-align: center;">47.3</td> <td></td> <td style="text-align: center;">1.9</td> <td style="text-align: center;">2.2</td> <td style="text-align: center;">9.7</td> </tr> <tr> <td>P&gt;f (hybrid)</td> <td></td> <td style="text-align: center;">0.000</td> <td></td> <td></td> <td style="text-align: center;">0.000</td> <td style="text-align: center;">0.000</td> <td style="text-align: center;">0.000</td> </tr> <tr> <td>L.S.D.</td> <td></td> <td style="text-align: center;">5.4</td> <td></td> <td></td> <td style="text-align: center;">0.3</td> <td style="text-align: center;">2.1</td> <td style="text-align: center;">1,239.7</td> </tr> </table>							Mean		51	3	0.0	11.7	60.4	8,399	C.V. %		7.5	47.3		1.9	2.2	9.7	P>f (hybrid)		0.000			0.000	0.000	0.000	L.S.D.		5.4			0.3	2.1	1,239.7
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Harvest Date	10/3/2018																																							
Irrigated	Yes																																							
Row Spacing (in)	30																																							
Number of Rows	2																																							
Seeds per Acre	65,000																																							
N (lb/ac)																																								
P2O5 (lb/ac)																																								
K2O (lb/ac)																																								
Precipitation (in)	10.46																																							
Irrigation (in)	12.75																																							
Herbicide	Bicep applied pre-plant @ 1.5 pt/ac																																							
		<p><b>Cooperator:</b> Michael Menke</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 &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. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>																																						

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