

Cameron

County

Grain Sorghum Hybrid Trial 2017



Department of Soil and Crop Sciences

Company	Brand	Hybrid	Moisture %	Test Weight (lb/bu)	Yield (lbs/acre)
Monsanto	Dekalb	DKS 53-53	15.3	58.67	6,210
B-H Genetics	B-H Genetics	BH 4100	15.0	58.67	6,110
CPS Dyna-Gro	Dyna-Gro	M74GB17	15.6	57.67	6,052
Advanta	Alta	XG3203	15.4	57.33	5,990
Golden Acres Genetics	Golden Acres	3960B	15.4	58.67	5,932
Chromatin Inc.	Sorghum Partners	SP 7715	15.8	58.33	5,541
Anzu	Anzu	AG 4333	15.5	58.67	5,417
Chromatin Inc.	Sorghum Partners	SP 78M30	16.1	57.00	5,376

Agronomic Information

Plant Date	<input type="text" value="3/8/2017"/>
Harvest Date	<input type="text" value="6/29/2017"/>
Irrigated	<input type="text" value="No"/>
Row Spacing (in)	<input type="text" value="38"/>
Number of Rows	<input type="text" value="12"/>
Seeds per Acre	<input type="text"/>
Nitrogen (lb N/ac)	<input type="text"/>
Phosphorus (lb P2O5/ac)	<input type="text"/>
Potassium (lb K2O/ac)	<input type="text"/>
Precipitation (inches)	<input type="text"/>
Soil Type	<input type="text"/>
SCA Sprayed	<input type="text" value="No"/>
SCA Rating	<input type="text" value="2"/>
Herbicide Insecticides	<input type="text" value="Verdict @ 10 oz per acre"/>

Mean	<input type="text" value="15.51"/>	<input type="text" value="58.13"/>	<input type="text" value="5,828"/>
C.V. (%)	<input type="text" value="3.000"/>	<input type="text" value="1.000"/>	<input type="text" value="2.050"/>
L.S.D.	<input type="text"/>	<input type="text" value="0.80"/>	<input type="text" value="208.9"/>
Pr>F (hybrid)	<input type="text" value="0.219"/>	<input type="text" value="0.001"/>	<input type="text" value="0.000"/>

Cooperator:

Agent:

Other Agronomic Info

Model : yield = hybrid + blk. LSD provided when hybrid significant at p < 0.05 (SAS 9.4). Yields highlighted in yellow are not statistically different from the top ranked hybrid. Weather data provided by © 2016 The Climate Corporation. For additional information contact your local county extension agent or:

Dr. Ronnie Schnell
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979-845-2935

Sugarcane Aphid (SCA) Site Assessment

- 1 – no SCA present
- 2 – SCA present below minimum threshold (<50 per leaf)
- 3 – SCA below maximum threshold (<125 per leaf)
- 4- SCA above maximum threshold (>125 per leaf)
- 5- Large SCA colonies common (>300 per leaf).

Hidalgo

County

Grain Sorghum Hybrid Trial 2017



Department of Soil and Crop Sciences

Company	Brand	Hybrid	Moisture %	Test Weight (lb/bu)	Yield (lbs/acre)
CPS Dyna-Gro	Dyna-Gro	M74GB17	13.4	56.00	6,807
Monsanto	Dekalb	DKS 53-53	13.1	57.67	6,511
Golden Acres Genetics	Golden Acres	3960B	12.7	57.00	6,419
B-H Genetics	B-H Genetics	BH 4100	13.9	56.67	6,141
Chromatin Inc.	Sorghum Partners	SP 78M30	13.3	56.67	5,261
Chromatin Inc.	Sorghum Partners	SP 7715	14.3	58.33	4,787
Advanta	Alta	XG3203	13.3	57.33	4,696

Agronomic Information

Plant Date	<input type="text" value="2/15/2017"/>
Harvest Date	<input type="text" value="6/22/2017"/>
Irrigated	<input type="text" value="No"/>
Row Spacing (in)	<input type="text" value="40"/>
Number of Rows	<input type="text" value="12"/>
Seeds per Acre	<input type="text"/>
Nitrogen (lb N/ac)	<input type="text"/>
Phosphorus (lb P2O5/ac)	<input type="text"/>
Potassium (lb K2O/ac)	<input type="text"/>
Precipitation (inches)	<input type="text"/>
Soil Type	<input type="text"/>
SCA Sprayed	<input type="text" value="No"/>
SCA Rating	<input type="text" value="3"/>
Herbicide Insecticides	<input type="text"/>

Mean	<input type="text" value="13.42"/>	<input type="text" value="57.10"/>	<input type="text" value="5,803"/>
C.V. (%)	<input type="text" value="7.000"/>	<input type="text" value="2.000"/>	<input type="text" value="6.670"/>
L.S.D.	<input type="text"/>	<input type="text"/>	<input type="text" value="688.2"/>
Pr>F (hybrid)	<input type="text" value="0.485"/>	<input type="text" value="0.142"/>	<input type="text" value="0.000"/>

Cooperator:

Agent:

Other Agronomic Info

Model : yield = hybrid + blk. LSD provided when hybrid significant at p < 0.05 (SAS 9.4). Yields highlighted in yellow are not statistically different from the top ranked hybrid. Weather data provided by © 2016 The Climate Corporation. For additional information contact your local county extension agent or:

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