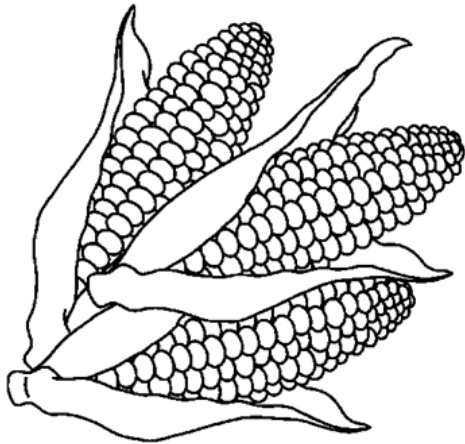


# 2021 Hill County Preliminary Report Corn & Grain Sorghum



**Preliminary Data Compiled by:**

**Zach Davis, County Extension Agent – Agriculture & Natural Resources**

**Tyler Mays, Extension Agent—Integrated Pest Management (Hill & McLennan Counties)**

*Trade names of commercial products used in this report are included only for better understanding and clarity.*

*Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas A&M University is implied.*

*Readers should realize that results from one experiment do not represent conclusive evidence that the same response would occur where conditions vary.*

October 18, 2021

Dear Producers,

This preliminary report contains information on applied research in corn and grain sorghum conducted over the past growing season. It is always good to review several years of data before making conclusions, especially when considering strip trial data as conditions may vary across a field.

Please visit the website [varietytesting.tamu.edu](http://varietytesting.tamu.edu) for more information on additional crops and locations.

Results from our replicated trials include a statistical analysis. Significant differences among data means will be marked with a letter. Means that are not significantly different are considered equal; i.e. the difference in their values is because of random chance and not because of variety differences or trial variables.

We would like to thank all of the producers that cooperated with the Texas A&M AgriLife Extension Service on these trials. We truly could not do our work without the help of Hill County producers. Please do not hesitate to contact us with any questions or comments.

Sincerely,



Zach Davis, CEA-AG/NR  
Hill County



Tyler Mays, EA-IPM  
Hill & McLennan Counties

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*The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating*

# Hill County Corn Hybrid Trial 2021



Department of Soil and Crop Sciences

Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
B-H Genetics	B-H Genetics	BH 8590	GEN VT2P	12.7	58.0	122.7
Nutrien Ag Solutions	Dyna-Gro	D57TC29	Trecepta	12.6	57.3	122.0
B-H Genetics	B-H Genetics	BH 8412		12.4	59.1	118.9
Bayer	Dekalb	DKC 65-99	Trecepta	12.5	58.9	117.8
Nutrien Ag Solutions	Dyna-Gro	D54VC14	GEN VT2P	12.6	58.8	113.2
Axis Seed	Axis	65T29		12.7	59.9	111.1
Axis Seed	Axis	64B28		12.4	58.5	109.5

### Agronomic information

Plant Date

Harvest Date

Irrigated

Row Spacing (in)

Number of Rows

Seeds per Acre

Nitrogen (lb N/ac)

Phosphorus (lb P2O5/ac)

Potassium (lb K2O/ac)

Precipitation (inches)

Soil Type

Herbicide

Insecticides

Mean	<input type="text" value="12.55"/>	<input type="text" value="58.61"/>	<input type="text" value="116.5"/>
C.V. (%)	<input type="text" value="1.000"/>	<input type="text" value="1.000"/>	<input type="text" value="4.1"/>
L.S.D.	<input type="text"/>	<input type="text" value="0.65"/>	<input type="text" value="8.2"/>
Pr>F (hybrid)	<input type="text" value="0.096"/>	<input type="text" value="0.000"/>	<input type="text" value="0.009"/>

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. For additional information contact your local county extension agent or:  
 Dr. Ronnie Schnell  
 ronschnell@tamu.edu  
 979-845-2935

# Hill County Grain Sorghum Hybrid Trial 2021



Department of Soil and Crop Sciences

Company	Brand	Hybrid	Moisture %	Test Weight (lb/bu)	Yield (lbs/acre)
B-H Genetics	B-H Genetics	BH XPS 4055	15.0	55.70	2,356
S&W Seeds	Sorghum Partners	SP 68M57	14.7	57.47	2,324
Nutrien Ag Solutions	Dyna-Gro	M71GR91	15.0	57.80	1,815
Nutrien Ag Solutions	Dyna-Gro	M72GB71	18.5	51.77	1,673
B-H Genetics	B-H Genetics	BH 5755	15.7	56.47	1,649
S&W Seeds	Sorghum Partners	SP 7715	18.2	52.30	1,633

### Agronomic Information

Plant Date	3/19/2021
Harvest Date	8/6/2021
Irrigated	No
Row Spacing (in)	30
Number of Rows	8
Seeds per Acre	88,000
Nitrogen (lb N/ac)	
Phosphorus (lb P2O5/ac)	
Potassium (lb K2O/ac)	
Precipitation (inches)	62.2"
Soil Type	
Herbicide Insecticides	

Mean	16.18	55.25	1,909
C.V. (%)	9.000	5.000	13.990
L.S.D.	2.65		485.8
Pr>F (hybrid)	0.026	0.128	0.016

**Cooperator:** Paul Gerik

**Agent:** Zach Davis

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. For additional information contact your local county extension agent or:  
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