

Cameron

County

Grain Sorghum Hybrid Trial 2018



Department of Soil and Crop Sciences

Company	Brand	Hybrid	Moisture %	Test Weight (lb/bu)	Yield (lbs/acre)
Monsanto	Dekalb	DKS 45-23	12.8	56.33	5,117
CPS Dyna-Gro	Dyna-Gro	M74GB17	11.7	55.33	4,950
Advanta	Alta	AG3247	11.7	54.67	4,944
Chromatin Inc.	Sorghum Partners	SP 7715	12.6	55.33	4,914
Golden Acres Genetics	Golden Acres	3020B	13.3	55.33	4,712
Chromatin Inc.	Sorghum Partners	SP 68M57	12.6	55.67	4,441
Monsanto	Dekalb	DKS 38-16	12.3	54.33	4,263

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

SCA Sprayed

SCA Rating

Herbicide

Insecticides

Mean	12.43	55.29	4,763
C.V. (%)	8.000	4.000	16.100
L.S.D.			
Pr>F (hybrid)	0.450	0.938	0.806

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

Sugarcane Aphid (SCA) Site Assessment

* Tolerant Hybrids Bold Green Print

- 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)