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## Arkansas Corn and Grain Sorghum Performance Tests 2020

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# Arkansas

# Corn and Grain Sorghum Performance Tests 2020



J.F. Carlin, R.D. Bond,  
and R.B. Morgan

**U***of***A**  
DIVISION OF AGRICULTURE  
RESEARCH & EXTENSION  
*University of Arkansas System*



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# **Arkansas Corn and Grain Sorghum Performance Tests**

**2020**

J.F. Carlin  
R.D. Bond  
R.B. Morgan



**Arkansas Agricultural Experiment Station  
University of Arkansas System  
Division of Agriculture  
Fayetteville, Arkansas 72704**

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Special thanks to Davis Bell for allowing us to conduct corn tests at the Bell Farming Company.



## Report Statement

This Arkansas Agricultural Experiment Station (AAES) publication summarizes variety trial research conducted by the Arkansas Crop Variety Improvement Program. Variety trial information presented here furthers the AAES mission of conducting research that benefits the citizens of Arkansas by expanding agricultural profitability and strengthening local and state economies. This information is not a recommendation or an endorsement of any product by the University of Arkansas System Division of Agriculture or AAES. Recommendations interpreted from this information are made and presented by the Arkansas Cooperative Extension Service.



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# Arkansas Corn and Grain Sorghum Performance Tests<sup>1</sup>

## 2020

J.F. Carlin,<sup>2</sup> R.D. Bond,<sup>2</sup> and R.B. Morgan<sup>2</sup>

### Introduction

Corn and grain sorghum performance tests are conducted each year in Arkansas by the University of Arkansas System Division of Agriculture. The tests provide information to companies marketing seed within the state and aid the Arkansas Cooperative Extension Service in formulating recommendations for producers.

The 2020 corn performance tests contained 85 hybrids and were conducted at the Northeast Research and Extension Center (NEREC) at Keiser, the Lon Mann Cotton Research Station (LMCRS) near Marianna, the Bell Farming Company (BFC) near Des Arc, the Pine Tree Research Station (PTRS) near Colt, the Rohwer Research Station (RRS) near Rohwer, and the Rice Research and Extension Center (RREC) near Stuttgart. The 2020 grain sorghum performance tests contained 15 hybrids and were conducted at the NEREC, the LMCRS, the RRS, and the RREC. Test location maps for grain sorghum and corn can be found on page 36 and inside the back cover, respectively.

### Materials and Methods

Both corn and grain sorghum trials were designed as randomized complete blocks with four replications. Plots were two rows wide and 20–21 feet long depending on location. Seeding rates for grain sorghum hybrids at all locations as well as corn hybrids at the Keiser and Rohwer locations were based on the recommendations of the originating company. A vacuum-type planter was used to plant the corn tests at the Stuttgart and Pine Tree locations which required a single seeding rate. A seeding rate of 33,000 plants per acre averaged from all participant-requested plant populations was used to plant these locations. Specific location and management practice information accompany each table. Statistical analysis for grain yield (bu./ac) was conducted using Duncan's Multiple Range Test (MRT) with GENOVIX® (AGRONOMIX Software).

Multiple location mean averages were calculated using combined analysis of variance for variety × environment with GENOVIX®.

### Grain Sorghum Performance Measurements

**Yield:** Yields were calculated from the weight of threshed grain from each plot and are expressed as bushels per acre (bu./ac) at 14% moisture.

**Grain Moisture:** Expressed as a percent moisture of grain at harvest.

**Plant Height:** Average height in inches from the soil surface to the top of the grain head.

**Head Exertion:** Average distance in inches from the flag leaf to the base of panicle.

**Bird Damage:** A visual estimate of total percent grain loss from each plot.

#### Head Compactness Scale

1 = Head short and oval. Rachis branches intermediate in length.

2 = Head long and slender. Rachis branches strong and short.

3 = Head elongated and oval. Rachis branches beginning to weaken and intermediate in length.

4 = Head elongated and rectangular. Rachis branches intermediate in strength and length.

5 = Head open and elongated. Rachis branches weak.

<sup>1</sup> Use of products and trade names in this report does not constitute a guarantee or warranty of the products named and does not signify that those products are approved to the exclusion of comparable products.

<sup>2</sup> Program Director, Program Associate, and Program Technician, University of Arkansas System Division of Agriculture, Arkansas Agricultural Experiment Station, Fayetteville.

## Corn Performance Measurements

**Yield:** Yields were calculated from the weight of shelled corn harvested from each plot and are expressed as bushels per acre (bu./ac) at 15.5% moisture.

**Grain Moisture:** Expressed as percent moisture of shelled grain at harvest.

**Root Lodging:** Average number of plants leaning more than 40 degrees from vertical at harvest.

**Stalk Lodging:** Average number of plants broken below an ear at harvest.

**Plants/Acre:** The plant population expressed in the number of plants per acre.

**Ear Height:** The average distance in inches from the soil surface to the point of attachment of the upper ear.

**Tip Cover:** Tip cover was rated as good (1), average (2), or poor (3). A rating of good was given when the husks reached well beyond the end of the ear and fit tightly. A rating of average was given when the husks reached the tip of the ear or fit loosely. A rating of poor was given when the ears were open to the weather.

### Variety Testing Website

This report and other information about variety testing for corn, cotton, grain sorghum, rice, small grains, and soybean can be found at:

<https://aaes.uark.edu/variety-testing/>

Disease ratings that do not appear in this or other reports may also be found on this website.



# Arkansas Corn and Grain Sorghum Performance Tests 2020

**Table 1. Summary of Grain Sorghum and Corn Hybrid Arkansas Performance Tests, 2020.**

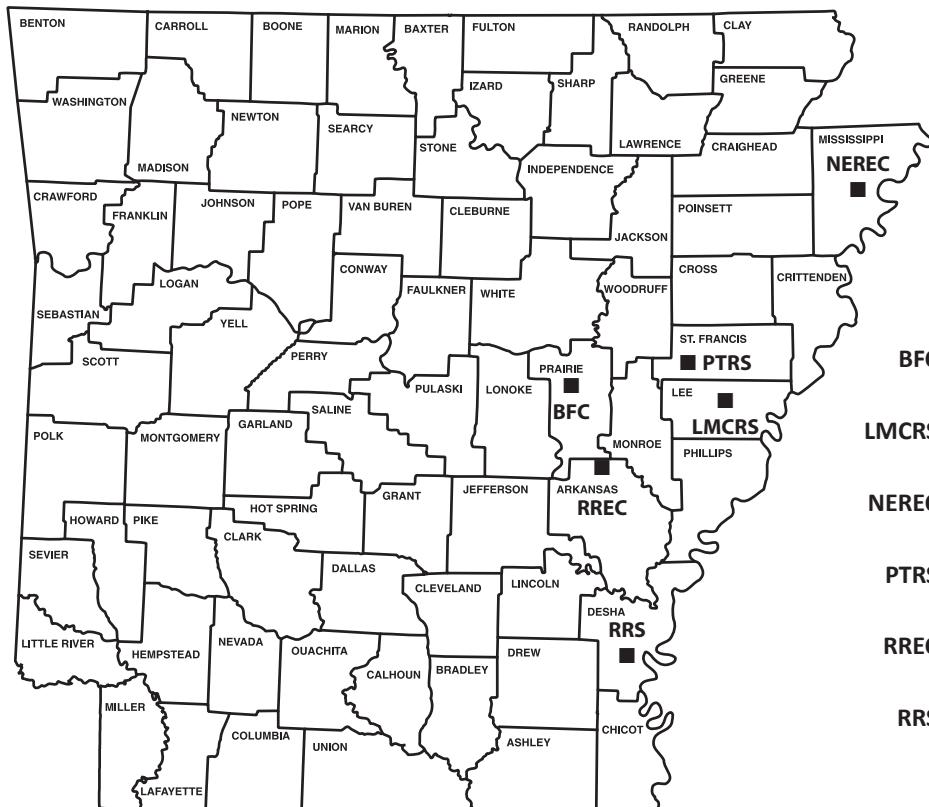
Location	Irrigation	Row Spacing (in.)	Soil Type	Planting Date	Harvest Date	Trial Mean (bu./ac)
<b>2020 Grain Sorghum Hybrid Performance Trial Summary</b>						
NEREC, Keiser, Ark.	Irrigated	38	Sharkey clay	5/19	9/14	164.9
NEREC, Keiser, Ark.	Non-Irrigated	38	Sharkey clay	5/19	9/14	120.7
LMCRS, Marianna, Ark. <sup>a</sup>	Irrigated	38	Calloway silt loam	•	•	•
RREC, Stuttgart, Ark.	Irrigated	30	Crowley silt loam	5/3	9/11	137.3
RRS, Rohwer, Ark.	Irrigated	38	Herbert silt loam	5/6	8/24	126.7
RRS, Rohwer, Ark.	Non-Irrigated	38	Herbert silt loam	5/6	8/24	115.4
<b>2020 Corn Hybrid Performance Trial Summary</b>						
NEREC, Keiser, Ark.	Irrigated	38	Sharkey clay	4/21	9/19	182.0
LMCRS, Marianna, Ark.	Irrigated	38	Calloway silt loam	4/21	9/15	226.9
RREC, Stuttgart, Ark. <sup>b</sup>	Irrigated	30	Crowley silt loam	•	•	•
RRS, Rohwer, Ark.	Irrigated	38	Herbert silt loam	5/3	9/11	231.2
PTRS, Colt, Ark. <sup>c</sup>	Irrigated	30	Calhoun silt loam	•	•	•

<sup>a</sup> The grain sorghum trial at Marianna was discarded due to low yielding results attributable to poor stands.

<sup>b</sup> The corn trial at Stuttgart was ultimately discarded due to severe lodging from sequential tropical storms/hurricanes. Lodging was sporadic throughout the trial resulting in data not representative of yield potential.

<sup>c</sup> Due to site limitations at Bell Farm, the corn trial was replanted at the Pine Tree Research Station near Colt, Ark. on 5/2/2020. Subsequently, the trial was discarded due to wild pig damage and lodging from sequential tropical storms/hurricanes.

## Test Locations 2020



- BFC - Bell Farming Company, Des Arc, Arkansas
- LMCRS - Lon Mann Cotton Research Station, Marianna, Arkansas
- NEREC - Northeast Research and Extension Center, Keiser, Arkansas
- PTRS - Pine Tree Research Station, Colt, Arkansas
- RREC - Rice Research and Extension Center, Stuttgart, Arkansas
- RRS - Rohwer Research Station, Rohwer, Arkansas

**Table 2.** Yields of Grain Sorghum Hybrids in Arkansas Performance Tests, 2020.<sup>a,b</sup>

Hybrid Name	Keiser		Rohwer		Non-		Non-Irrigated Mean <sup>c</sup>
	Irrigated	Non-Irrigated	Irrigated	Irrigated	Non-Irrigated	Irrigated	
	(bu./ac)	(bu./ac)	(bu./ac)	(bu./ac)	(bu./ac)	(bu./ac)	(bu./ac)
DEKALB DKC 37-07	138.6	109.5	145.7	116.8	107.3	120.5	108.4
DEKALB DKC 45-23	163.4	130.9	131.2	146.0	116.7	132.9	123.8
DEKALB DKC 51-01	170.1	114.9	138.7	142.2	126.2	135.1	120.6
DEKALB DKC 53-53	180.9	140.8	143.1	134.8	129.0	135.4	134.9
Dyna-Gro GX19981	176.9	129.0	137.1	125.9	120.1	135.1	124.6
Dyna-Gro M60GB31	135.4	102.4	151.6	125.6	126.3	123.0	114.3
Dyna-Gro M62GB77	144.3	130.1	131.3	110.5	106.0	114.6	118.0
Dyna-Gro M69GB38	177.5	118.7	138.1	144.2	126.8	134.4	122.7
Dyna-Gro M69GR88	151.7	109.7	136.4	118.3	116.6	122.7	113.2
Dyna-Gro M71GR91	178.3	140.1	142.8	136.3	122.6	136.1	131.4
Dyna-Gro M72GB71	181.2	131.1	124.3	135.9	108.5	133.2	119.8
Local LGS12R19	165.2	119.0	135.0	134.1	113.3	128.5	116.2
SP 74C40	177.5	117.9	127.7	115.5	99.5	122.4	108.7
SP 74M21	151.0	96.1	129.3	103.0	110.9	113.0	103.5
SP 7715	181.7	120.0	147.5	110.8	101.0	128.3	110.5
GRAND MEAN	164.9	120.7	137.3	126.7	115.4	127.7	118.0
LSD (5%)	14.7	15.9	17.0	10.4	14.8	8.0	12.6
C.V.	7.5	11.1	10.4	6.9	10.3	9.0	10.7

<sup>a</sup> Keiser = Northeast Research and Extension Center, Keiser, Ark.

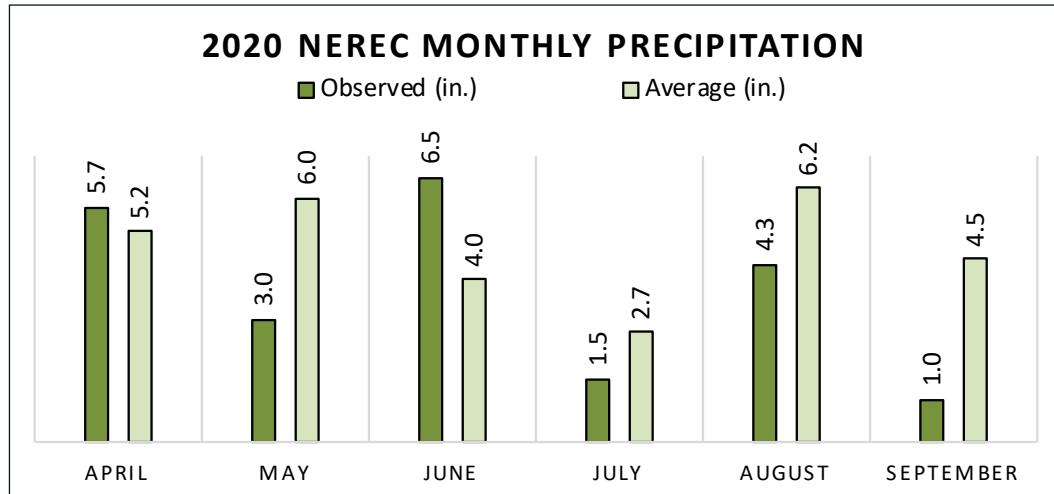
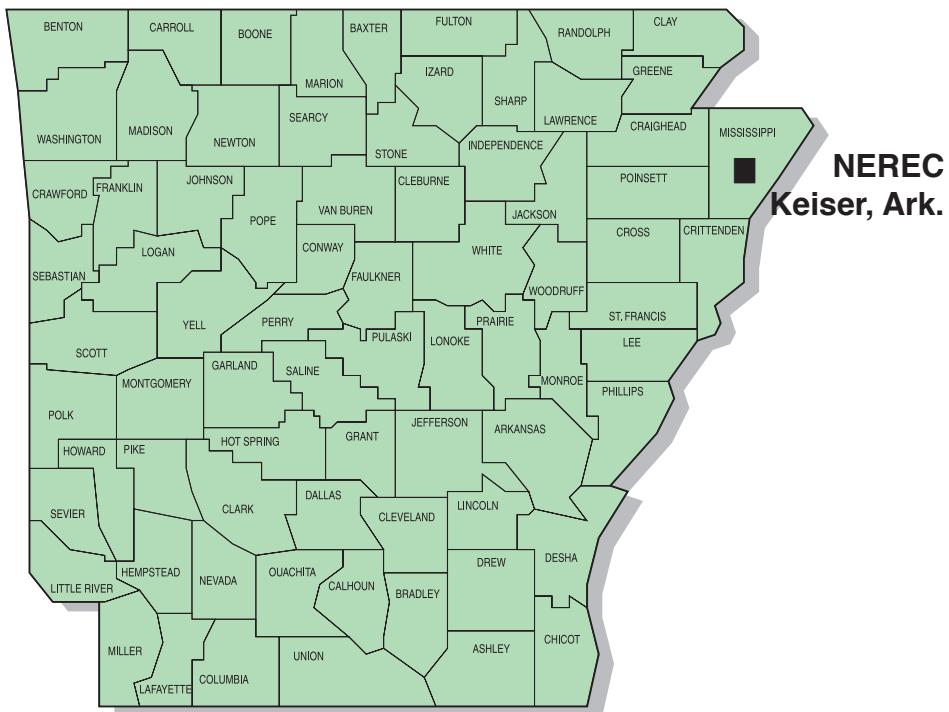
Stuttgart = Rice Research and Extension Center, Stuttgart, Ark.

Rohwer = Rohwer Research Station, Rohwer, Ark.

<sup>b</sup> The grain sorghum trial at Marianna was discarded due to low yielding results attributable to poor stands.<sup>c</sup> Averages were calculated using a multi-location analysis of variance.

## Keiser: Northeast Research and Extension Center (NEREC)

### Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2020



**Soil Series:** Sharkey clay

**Previous Crop:** Soybean

**Soil pH** 7.0

**Row Spacing:** 38 in.

**Planting Date:** May 19

**Irrigation Dates:** July 10

**Harvest Date:** September 14

**Fertilizer Application(s):** 150 lb/ac N June 18

**Herbicide Application(s):** Gramaxone + Atrazine + Charger Basic May 20

Defol

September 8

**Insecticide(s):** Sivanto September 8

**Table 3. Performance of Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2020.**

Hybrid Name	Yield (bu./ac)	2-Year <sup>a</sup> (bu./ac)	3-Year <sup>b</sup> (bu./ac)	Plant Height (in.)	Head Exertion (in.)	Head <sup>c</sup> Comp.	Bird Damage (%)
SP 7715	181.7	164.8	153.2	51.0	7.0	4.0	30.0
Dyna-Gro M72GB71	181.2	•	•	52.0	4.0	3.0	13.8
DEKALB DKC 53-53	180.9	157.5	150.3	54.0	9.0	4.0	10.0
Dyna-Gro M71GR91	178.3	•	•	54.0	8.0	3.0	7.5
SP 74C40	177.5	144.5	•	54.0	5.0	2.0	10.0
Dyna-Gro M69GB38	177.5	153.6	142.6	50.0	7.0	4.0	10.0
Dyna-Gro GX19981	176.9	149.1	•	53.0	7.0	4.0	28.8
DEKALB DKC 51-01	170.1	150.1	149.9	55.0	7.0	2.0	11.3
Local LGS12R19	165.2	•	•	53.0	10.0	2.0	6.3
DEKALB DKC 45-23	163.4	•	•	55.0	8.0	3.0	12.5
Dyna-Gro M69GR88	151.7	•	•	57.0	6.0	2.0	3.8
SP 74M21	151.0	126.7	•	52.0	3.0	1.0	12.5
Dyna-Gro M62GB77	144.3	121.3	•	56.0	5.0	1.0	1.3
DEKALB DKC 37-07	138.6	•	•	52.0	6.0	3.0	11.3
Dyna-Gro M60GB31	135.4	•	•	53.0	6.0	2.0	17.5
GRAND MEAN	164.9	•	•	53.4	6.5	2.7	12.4
LSD (5%)	14.7	•	•	•	•	•	•
C.V.	7.5	•	•	•	•	•	•

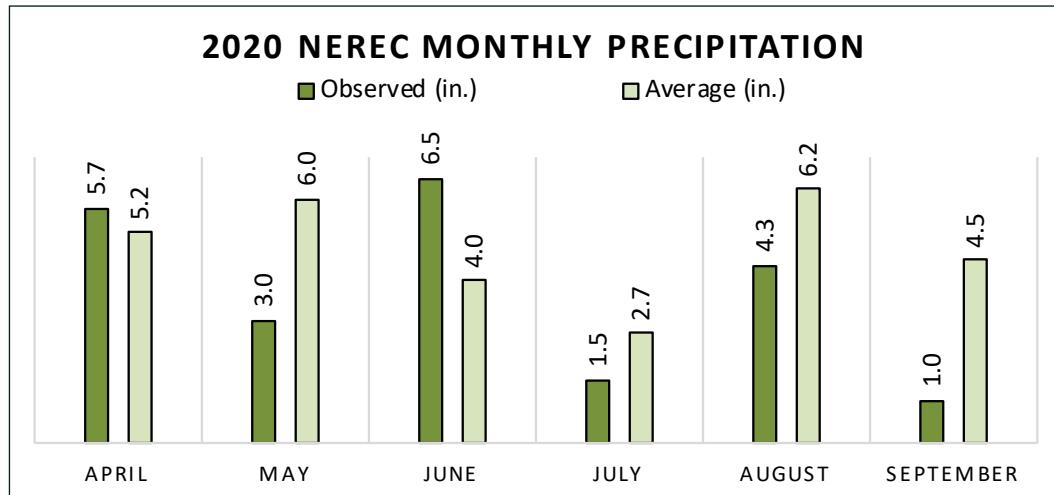
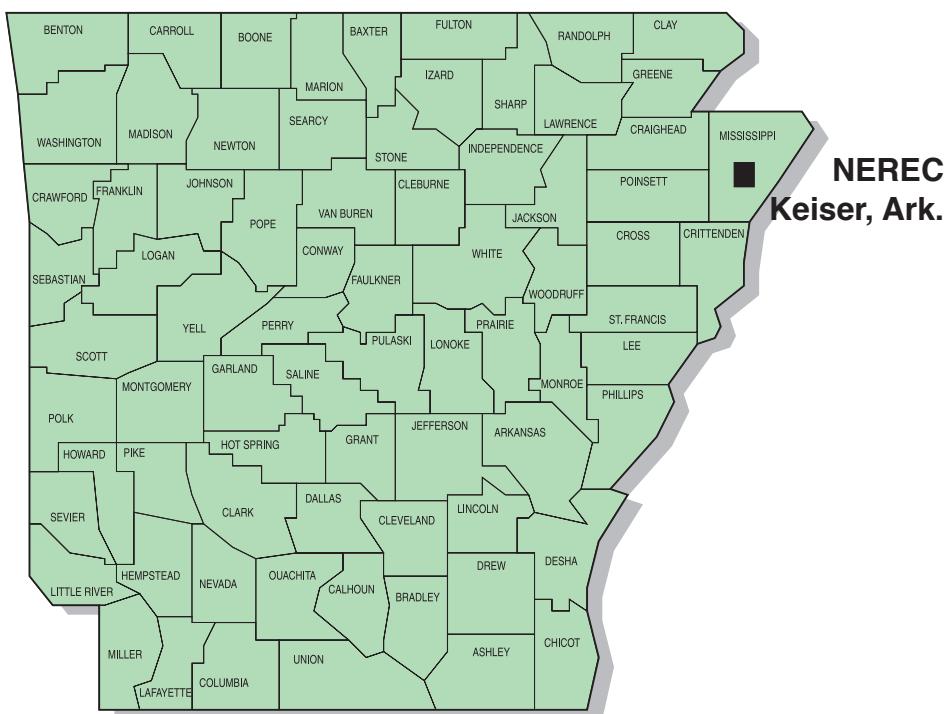
<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.<sup>c</sup> 1 = Head short and oval, rachis branches intermediate in length; 2 = Head long and slender, rachis branches strong and short; 3 = Head elongated and oval, rachis branches beginning to weaken and intermediate in length;

4 = Head elongated and rectangular in shape, rachis branches intermediate in strength and length;

5 = Head open and elongated, rachis branches weak.

## Keiser: Northeast Research and Extension Center (NEREC)

### Non-Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2020



**Soil Series:** Sharkey clay

**Previous Crop:** Soybean

**Soil pH** 7.0

**Row Spacing:** 38 in.

**Planting Date:** May 19

**Harvest Date:** September 14

**Fertilizer Application(s):** 150 lb/ac N June 18

**Herbicide Application(s):** Gramaxone + Atrazine + Charger Basic Defol May 20 September 8

**Insecticide(s):** Sivanto September 8

**Table 4. Performance of Non-Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2020.**

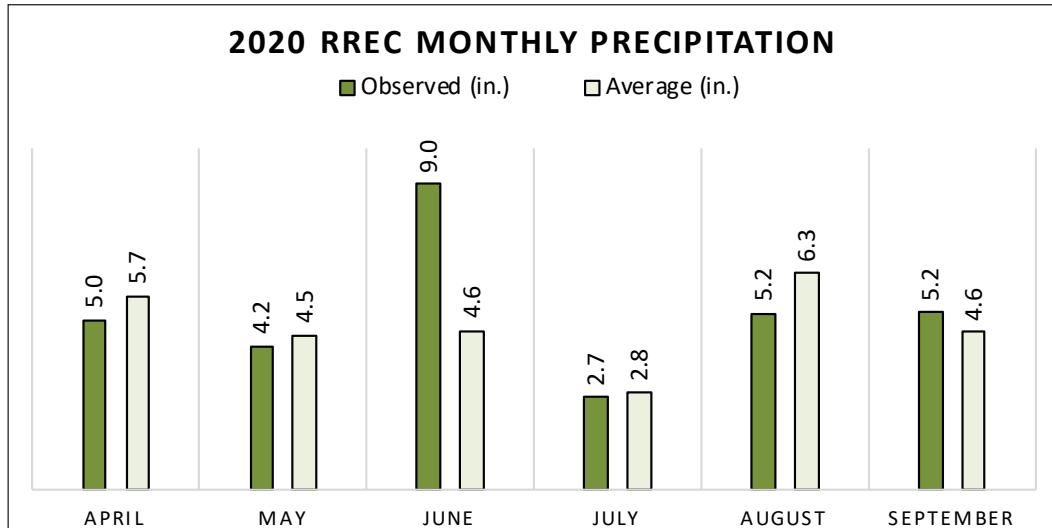
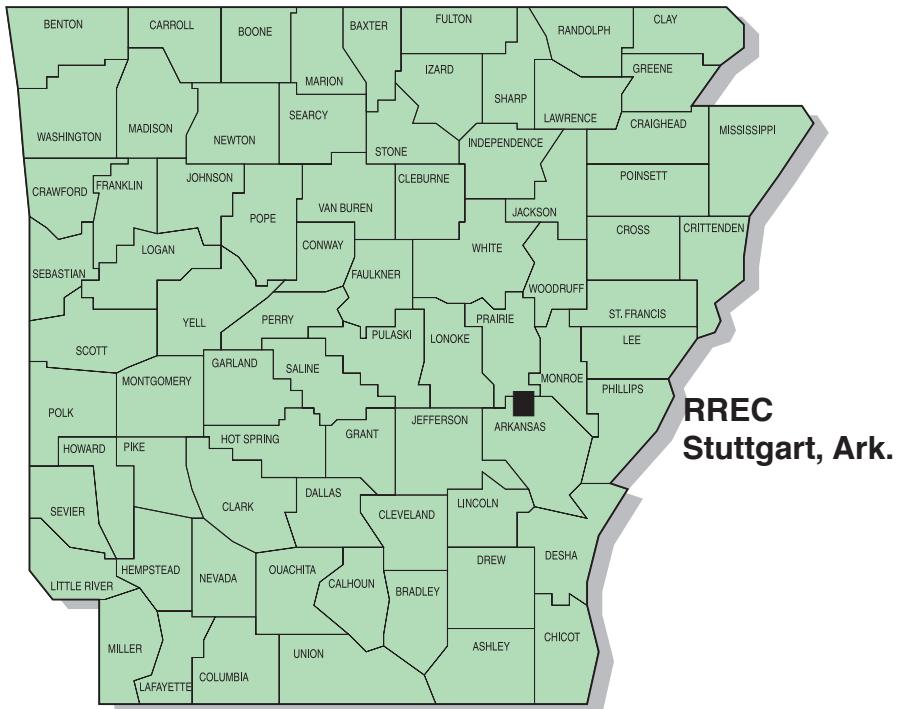
Hybrid Name	Yield	2-Year <sup>a</sup>	3-Year <sup>b</sup>	Plant Height	Head Exertion	Head <sup>c</sup> Comp.
	(bu./ac)	(bu./ac)	(bu./ac)	(in.)	(in.)	
DEKALB DKC 53-53	140.8	134.5	137.5	50.5	7.0	2.5
Dyna-Gro M71GR91	140.1	•	•	53.5	6.0	2.5
Dyna-Gro M72GB71	131.1	•	•	54.0	5.0	2.5
DEKALB DKC 45-23	130.9	•	•	51.5	3.5	3.0
Dyna-Gro M62GB77	130.1	117.4	•	52.5	6.5	3.0
Dyna-Gro GX19981	129.0	122.3	•	50.0	7.0	1.5
SP 7715	120.0	135.7	123.5	52.0	5.0	2.0
Local LGS12R19	119.0	•	•	50.5	2.5	2.0
Dyna-Gro M69GB38	118.7	121.3	125.9	52.0	7.5	2.5
SP 74C40	117.9	111.2	•	54.0	4.0	1.0
DEKALB DKC 51-01	114.9	122.2	132.1	53.0	7.5	4.0
Dyna-Gro M69GR88	109.7	•	•	51.5	8.0	1.5
DEKALB DKC 37-07	109.5	•	•	49.5	7.5	4.0
Dyna-Gro M60GB31	102.4	•	•	48.5	6.0	3.5
SP 74M21	96.1	107.1	•	50.5	6.0	3.5
GRAND MEAN	120.7	•	•	51.6	5.9	2.6
LSD (5%)	15.9	•	•	•	•	•
C.V.	11.1	•	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.

<sup>c</sup> 1 = Head short and oval, rachis branches intermediate in length; 2 = Head long and slender, rachis branches strong and short; 3 = Head elongated and oval, rachis branches beginning to weaken and intermediate in length; 4 = Head elongated and rectangular in shape, rachis branches intermediate in strength and length; 5 = Head open and elongated, rachis branches weak.

## Stuttgart: Rice Research and Extension Center (RREC)

### Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2020



**Soil Series:** Dewitt silt loam

**Previous Crop:** Soybean

**Soil pH:** 6.2

**Row Spacing:** 30 in.

**Planting Date:** April 23

**Irrigation Dates:** July 19  
August 8

**Harvest Date:** September 11

**Fertilizer Application(s):** 37 lb/ac N, 42 lb/ac P<sub>2</sub>O<sub>5</sub>, 54 lb/ac K<sub>2</sub>O, 24 lb/ac S, 10 lb/ac Zn

April 10  
May 26

June 19

**Herbicide Application(s):** Dual Magnum + Atrazine

May 7

**Insecticide Application(s):** Prevathon + Ravege + Trevo TRZ  
Prevathon + Ravege  
Transform + Ravege

July 7

July 14

July 22

**Table 5. Performance of Irrigated Grain Sorghum Hybrids, Stuttgart, Ark., 2020.**

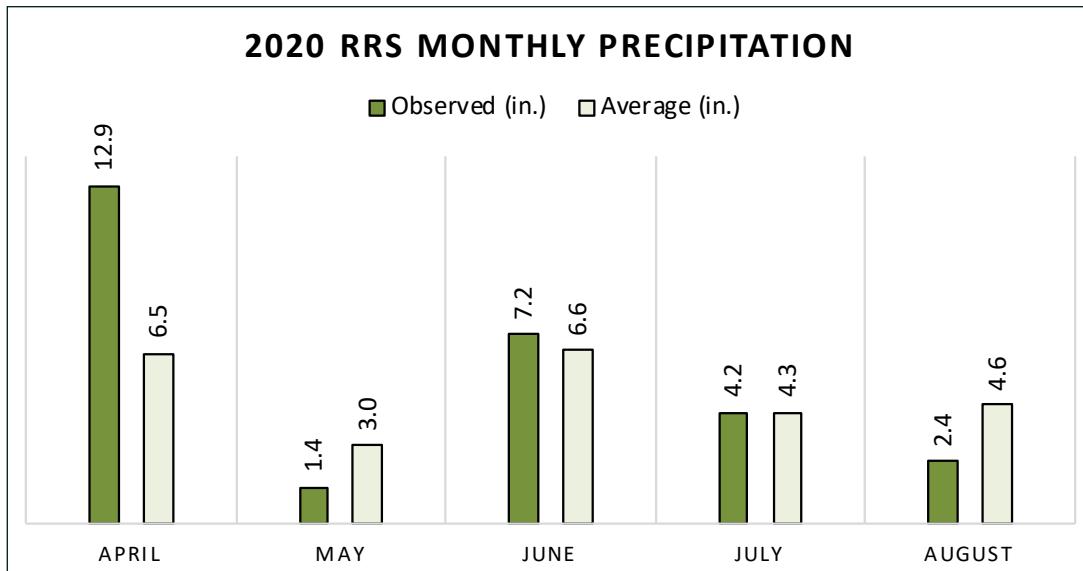
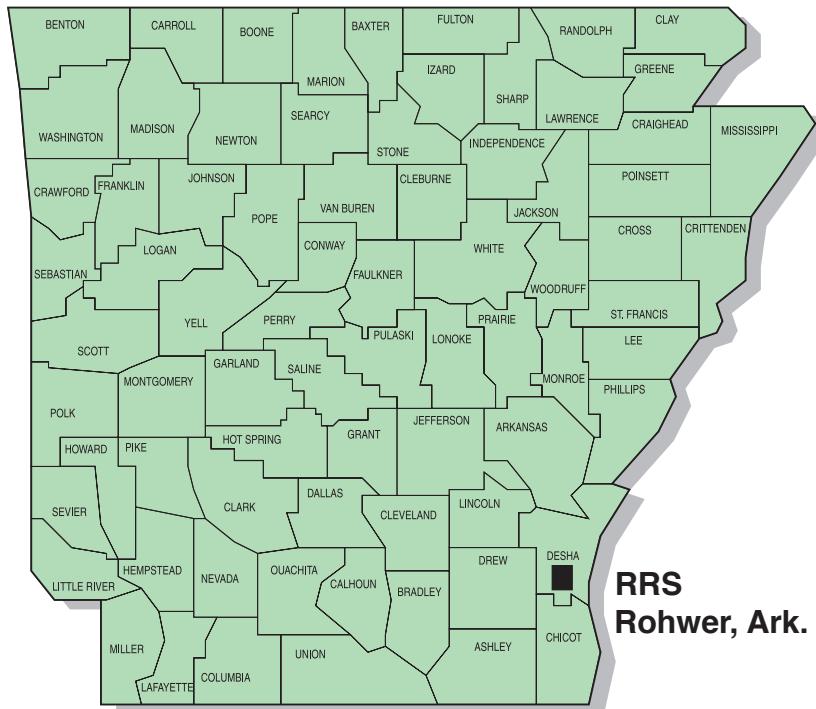
Hybrid Name	Yield (bu./ac)	2-Year <sup>a</sup>		Plant Height (in.)	Head Exertion (in.)	Head Comp. <sup>c</sup>
		Avg. (bu./ac)	3-year <sup>b</sup> Avg. (bu./ac)			
Dyna-Gro M60GB31	151.6	•	•	50.0	4.0	2.0
SP 7715	147.5	129.2	123.5	54.0	6.0	1.0
DEKALB DKC 37-07	145.7	•	•	52.0	2.0	1.0
DEKALB DKC 53-53	143.1	149.8	137.5	52.0	2.0	1.0
Dyna-Gro M71GR91	142.8	•	•	57.0	5.0	1.0
DEKALB DKC 51-01	138.7	138.3	132.1	59.0	10.0	1.0
Dyna-Gro M69GB38	138.1	150.1	125.9	59.0	7.0	1.0
Dyna-Gro GX19981	137.1	145.2	•	55.0	3.0	1.0
Dyna-Gro M69GR88	136.4	•	•	51.0	3.0	1.0
Local LGS12R19	135.0	•	•	54.0	4.0	2.0
Dyna-Gro M62GB77	131.3	104.0	•	50.0	4.0	1.0
DEKALB DKC 45-23	131.2	•	•	56.0	3.0	1.0
SP 74M21	129.3	132.8	•	54.0	8.0	1.0
SP 74C40	127.7	120.5	•	57.0	4.0	1.0
Dyna-Gro M72GB71	124.3	•	•	57.0	3.0	2.0
GRAND MEAN	137.3	•	•	54.5	4.5	1.2
LSD (5%)	17.0	•	•	•	•	•
C.V.	10.4	•	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.

<sup>c</sup> 1 = Head short and oval, rachis branches intermediate in length; 2 = Head long and slender, rachis branches strong and short; 3 = Head elongated and oval, rachis branches beginning to weaken and intermediate in length; 4 = Head elongated and rectangular in shape, rachis branches intermediate in strength and length; 5 = Head open and elongated, rachis branches weak.

## Rohwer: Rohwer Research Station (RRS)

### Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2020



**Soil Series:** Herbert silt loam

**Previous Crop:** Soybean

**Row Spacing:** 38 in.

**Planting Date:** April 30

**Irrigation Dates:** June 17  
July 3  
July 31

**Harvest Date:** August 21

**Fertilizer Application(s):** 90 lb/ac K<sub>2</sub>O  
125 units N 32% liquid N  
125 units N 32% liquid N

**Herbicide Application(s):** Dual II Magnum + Atrazine  
Huskie  
Dual II Magnum + Atrazine

**Insecticide Application(s):** Sivanto  
Sivanto + Prevathon

April 29  
May 28  
June 3

April 30  
May 30  
June 3

July 9  
July 25

**Table 6. Performance of Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2020.**

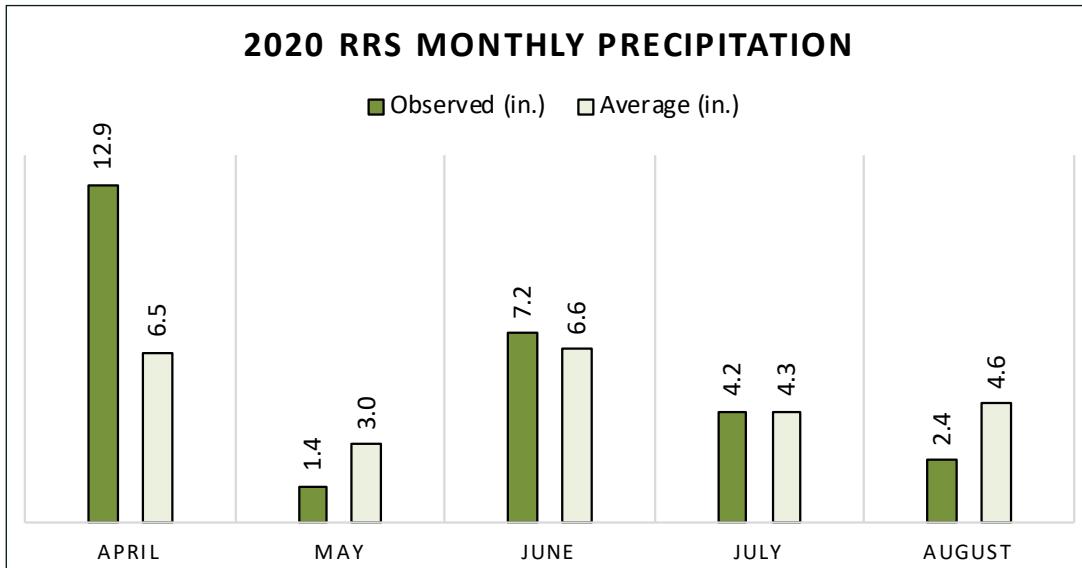
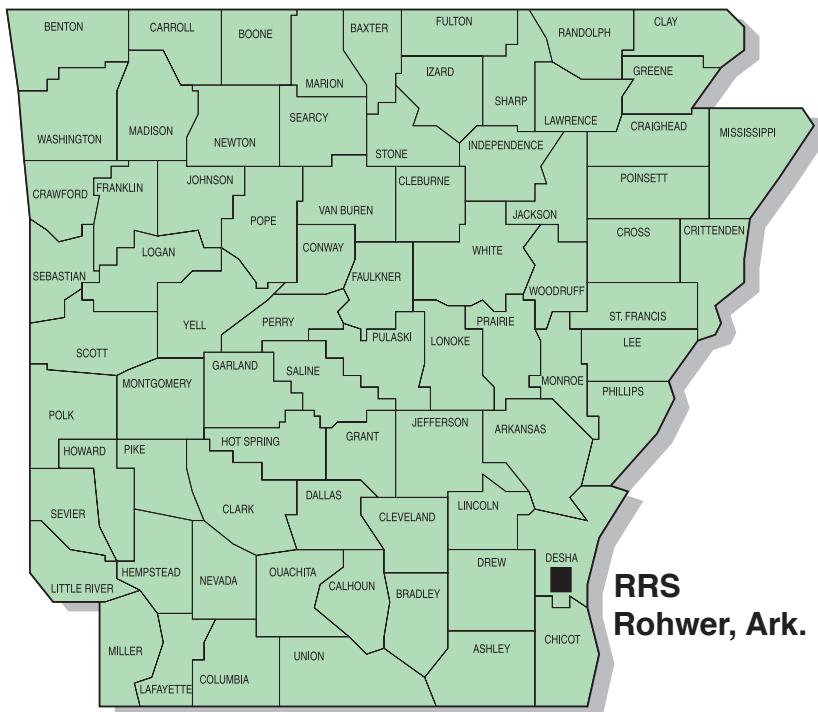
Hybrid Name	2-Year <sup>a</sup>		Plant		Head	Head <sup>c</sup>
	Yield (bu./ac)	Avg. (bu./ac)	3-Year <sup>b</sup> Avg. (bu./ac)	Height (in.)	Exertion (in.)	Comp.
DEKALB DKC 45-23	146.0	•	•	70.0	12.0	3.0
Dyna-Gro M69GB38	144.2	150.1	152.4	70.0	8.0	3.0
DEKALB DKC 51-01	142.2	138.3	143.7	67.0	10.0	3.0
Dyna-Gro M71GR91	136.3	•	•	69.0	8.0	3.0
Dyna-Gro M72GB71	135.9	•	•	70.0	10.0	3.0
DEKALB DKC 53-53	134.8	149.8	151.5	71.0	8.0	3.0
Local LGS12R19	134.1	•	•	63.0	8.0	3.0
Dyna-Gro GX19981	125.9	145.2	•	70.0	12.0	3.0
Dyna-Gro M60GB31	125.6	•	•	68.0	8.0	3.0
Dyna-Gro M69GR88	118.3	•	•	66.0	8.0	2.0
DEKALB DKC 37-07	116.8	•	•	70.0	10.0	3.0
SP 74C40	115.5	120.5	•	70.0	10.0	3.0
SP 7715	110.8	129.2	118.0	65.0	10.0	3.0
Dyna-Gro M62GB77	110.5	104.0	•	70.0	10.0	3.0
SP 74M21	103.0	132.8	•	69.0	12.0	3.0
GRAND MEAN	126.7	•	•	68.5	9.6	2.9
LSD (5%)	10.4	•	•	•	•	•
C.V.	6.9	•	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.

<sup>c</sup> 1 = Head short and oval, rachis branches intermediate in length; 2 = Head long and slender, rachis branches strong and short; 3 = Head elongated and oval, rachis branches beginning to weaken and intermediate in length; 4 = Head elongated and rectangular in shape, rachis branches intermediate in strength and length; 5 = Head open and elongated, rachis branches weak.

## Rohwer: Rohwer Research Station (RRS)

### Non-Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2020



**Soil Series:** Herbert silt loam

**Previous Crop:** Soybean

**Row Spacing:** 38 in.

**Planting Date:** April 30

**Harvest Date:** August 21

**Fertilizer Application(s):** 90 lb/ac K<sub>2</sub>O  
125 units N 32% liquid N  
125 units N 32% liquid N

**Herbicide Application(s):** Dual II Magnum + Atrazine  
Huskie  
Dual II Magnum + Atrazine

**Insecticide Application(s):** Sivanto  
Sivanto + Prevathon

April 29  
May 28  
June 3

April 30  
May 30  
June 3

July 9  
July 25

**Table 7. Performance of Non-Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2020.**

Hybrid Name	Yield	2-Year <sup>a</sup>	3-Year <sup>b</sup>	Plant	Head	Head <sup>c</sup>
	(bu./ac)	Avg. (bu./ac)	Avg. (bu./ac)	Height (in.)	Exertion (in.)	Comp.
DEKALB DKC 53-53	129.0	142.8	144.9	69.0	7.0	3.0
Dyna-Gro M69GB38	126.8	144.4	136.4	68.5	9.0	3.0
Dyna-Gro M60GB31	126.3	•	•	68.0	8.0	3.0
DEKALB DKC 51-01	126.2	132.1	136.1	68.5	10.0	3.0
Dyna-Gro M71GR91	122.6	•	•	69.0	8.0	3.0
Dyna-Gro GX19981	120.1	136.7	•	70.0	11.0	3.0
DEKALB DKC 45-23	116.7	•	•	68.0	8.0	2.5
Dyna-Gro M69GR88	116.6	•	•	64.0	8.0	2.5
Local LGS12R19	113.3	•	•	66.0	7.0	3.0
SP 74M21	110.9	123.6	•	69.0	10.0	3.0
Dyna-Gro M72GB71	108.5	•	•	69.0	9.0	3.0
DEKALB DKC 37-07	107.3	•	•	69.0	10.0	2.5
Dyna-Gro M62GB77	106.0	91.3	•	70.0	9.0	3.0
SP 7715	101.0	106.0	101.1	67.5	11.0	3.0
SP 74C40	99.5	106.4	•	69.0	8.0	2.5
GRAND MEAN	115.4	•	•	68.3	8.9	2.9
LSD (5%)	14.8	•	•	•	•	•
C.V.	10.3	•	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.

<sup>c</sup> 1 = Head short and oval, rachis branches intermediate in length; 2 = Head long and slender, rachis branches strong and short; 3 = Head elongated and oval, rachis branches beginning to weaken and intermediate in length; 4 = Head elongated and rectangular in shape, rachis branches intermediate in strength and length; 5 = Head open and elongated, rachis branches weak.

**Table 8. Yields of Irrigated Corn Hybrids in Arkansas Performance Tests, 2020.<sup>a,b,c</sup>**

Hybrid Name	Keiser (bu./ac)	Marianna (bu./ac)	Rohwer (bu./ac)	Mean <sup>d</sup> (bu./ac)
AgriGold A645-16VT2PRO	184.2	225.7	231.6	213.8
AgriGold A647-35-3330	172.0	236.3	242.4	216.9
AgriGold A6544VT2RIB	184.7	228.8	244.1	219.2
AgriGold A6572VT2RIB	189.4	229.9	224.1	214.5
AgriGold A6659VT2RIB	187.1	248.3	244.0	226.5
Augusta A1367	187.6	225.4	240.8	217.9
Axis Seed 63D28RIB	171.9	221.4	230.4	207.9
Axis Seed 63K29RIB	174.6	235.3	226.7	212.2
Axis Seed 65T29RIB	180.9	213.1	227.8	207.3
Axis Seed 66A26RIB	174.1	209.1	244.3	209.2
Axis Seed 67K27RIB	173.6	235.7	239.1	216.1
Axis Seed 68P28RIB	188.6	238.3	229.2	218.7
BH 8555DG2P	189.9	217.2	228.3	211.8
BH 8721VT2P	179.1	237.3	234.0	216.8
BH X18053VT2P	174.3	225.4	230.3	210.0
CP5335/VT2P	190.9	238.0	237.0	222.0
CP5340/VT2P	181.5	223.6	193.9	199.7
CP5370/VT2P	189.9	237.3	222.8	216.7
CP5550/VT2P	183.9	246.5	242.2	224.2
CPX19115B/VT2P	189.3	231.6	227.7	216.2
DEKALB DKC 62-53	198.0	240.4	239.7	226.0
DEKALB DKC 65-95	192.2	250.1	247.1	229.8
DEKALB DKC 65-99	187.4	228.8	235.8	217.3
DEKALB DKC 66-18	185.4	238.7	237.6	220.5
DEKALB DKC 66-75	168.8	227.5	243.9	213.4
DEKALB DKC 67-37	187.5	223.9	247.4	219.6
DEKALB DKC 67-44	167.7	228.1	230.1	208.6
DEKALB DKC 68-69	194.2	239.4	254.3	229.3
DEKALB DKC 70-27	203.1	238.9	228.1	223.4
Dyna-Gro D54VC34	187.3	260.9	238.1	228.8
Dyna-Gro D55VC45	184.8	225.9	233.1	214.6
Dyna-Gro D55VC80	183.2	241.7	231.8	218.9
Dyna-Gro D57VC51	186.5	247.1	228.6	220.7
Dyna-Gro D58VC65	179.7	237.1	237.6	218.1
Hefty H6524	183.4	202.5	202.2	217.1
Hefty H6525	172.3	199.6	226.2	199.4
Hefty H6532	168.5	210.0	209.1	195.9
Hefty H6624	179.0	214.5	197.7	197.1
Hefty H6635	176.8	207.7	227.7	204.1
Hi-Fidelity HFG1111	171.5	232.2	220.1	207.9
Hi-Fidelity HFG1152	180.6	239.3	217.2	211.4
Hi-Fidelity HFG1161	176.8	216.1	213.0	201.9
Hi-Fidelity HFG1162	163.9	217.5	221.5	201.0
LG5650VT2Pro	177.9	221.9	227.3	209.0
LG66C32VT2Pro	169.2	204.6	212.3	195.4
LG66C44VT2Pro	185.0	217.2	220.6	207.6
LG68C22VT2Pro	176.0	217.6	215.3	203.0
Local LC1307 TC	194.4	242.0	259.5	232.0
Local LC1289 VT2P	184.9	234.4	234.3	217.9
Local LC1398 VT2P	163.9	243.6	229.3	212.3

*Continued*

**Table 8. Yields of Irrigated Corn Hybrids in Arkansas Performance Tests, 2020.<sup>a,b,c</sup>, continued.**

Hybrid Name	Keiser (bu./ac)	Marianna (bu./ac)	Rohwer (bu./ac)	Mean <sup>d</sup> (bu./ac)
Local LC1497 DGVT2P	182.9	247.3	242.4	224.2
Local LC1577 VT2P	188.3	238.6	245.1	224.0
Local LC1697 VT2P	176.9	228.1	230.6	211.9
Local LC1898 TC	190.6	228.4	253.8	224.3
Local LC1987 VT2P	189.8	207.3	222.3	206.5
Local LC1407 VT2P	178.4	210.1	228.5	205.6
Local LC1506 VT2P	181.6	231.9	233.4	215.6
Local LC1707 VT2P	192.7	226.6	235.8	218.3
Local LC1806 VT2P	183.1	221.8	212.5	205.8
Mission A1257VT2P	170.5	220.1	221.7	204.1
Mission A1477DGVT2P	193.7	236.5	248.8	226.3
Mission A1548DGVT2P	177.9	213.8	228.5	206.7
Mission A1657VT2P	188.9	230.0	228.2	215.7
Mission A1798VT2P	175.8	229.7	236.3	213.9
Mission AV7516Q	186.3	230.3	233.5	216.7
Mission AV8216YHB	181.4	221.2	224.3	208.9
Pioneer P1464VYHR	186.2	241.3	244.2	223.9
Pioneer P1847VYHR	187.7	240.6	258.0	228.8
Progeny EXP1912	168.3	218.1	218.9	201.8
Progeny EXP1913	169.0	196.8	220.5	195.5
Progeny EXP1915	191.1	236.4	228.5	218.7
Progeny EXP2010	192.0	222.3	251.7	222.0
Progeny EXP2013	189.0	208.8	232.9	210.2
Progeny EXP2014	185.8	233.2	242.3	220.4
Progeny EXP1917TRE	164.1	179.7	197.0	180.3
Progeny EXP2018	181.7	234.0	255.3	223.7
Progeny PGY2012VT2P	186.5	229.2	236.2	217.3
Progeny PGY2015VT2P	188.2	193.7	233.2	205.0
Progeny PGY2025DG	178.3	224.8	233.6	212.2
Progeny PGY8116SS	187.1	224.4	215.6	209.0
Progeny PGY9114VT2P	171.8	219.5	227.7	206.3
Progeny PGY9117VT2P	171.9	231.6	229.9	211.1
Taylor T-8680VT2PRO	181.7	231.9	228.1	213.9
Taylor T-8561VT2PRO	185.6	209.0	217.6	204.1
Taylor T-8824VT2PRO	181.2	212.0	222.6	205.3
GRAND MEAN	182.0	226.9	231.2	213.3
LSD (5%)	15.0	13.8	18.3	18.5
C.V.	7.0	5.2	6.8	12.9

<sup>a</sup> Keiser = Northeast Research and Extension Center, Keiser, Ark.

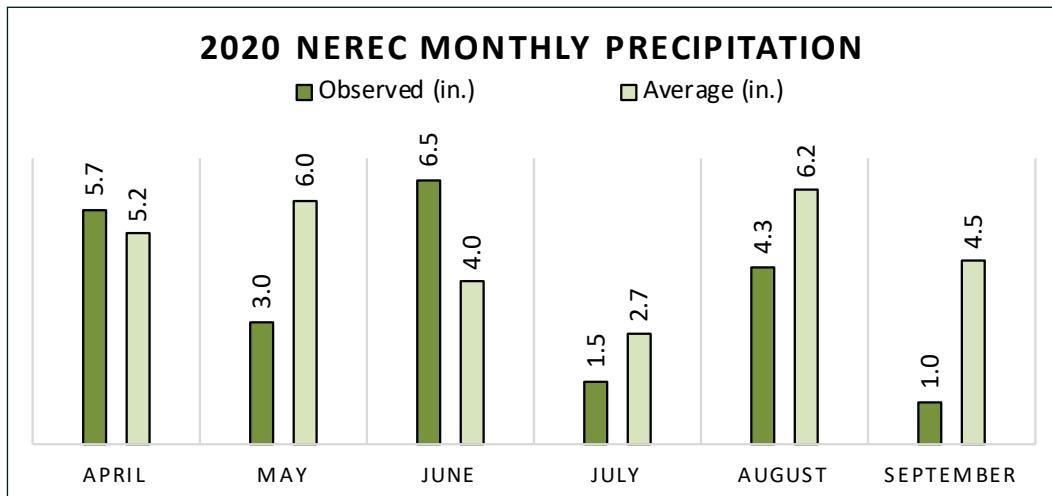
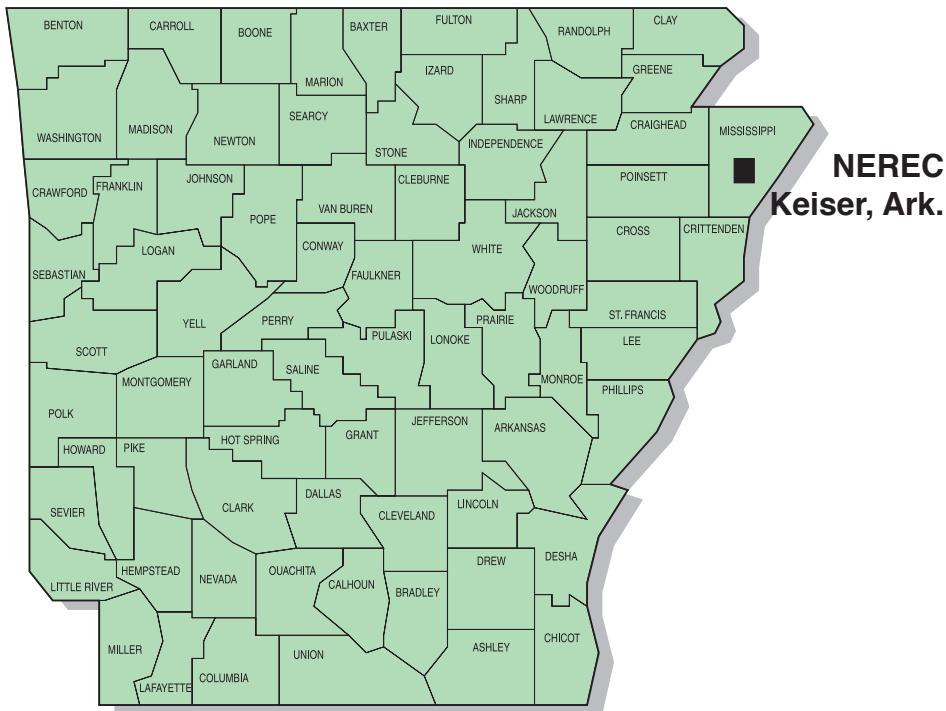
Marianna = Lon Mann Cotton Research Station, Marianna, Ark.

Rohwer = Southeast Research and Extension Center - Rohwer Division, Rohwer, Ark.

<sup>b</sup> The corn trial at Stuttgart was ultimately discarded due to severe lodging from sequential tropical storms/hurricanes. Lodging was sporadic throughout the trial resulting in data not representative of yield potential.<sup>c</sup> Due to site limitations at Des Arc, this trial was replanted at the Pine Tree Research Station near Colt, Ark. on 5/2/2020. Subsequently, the trial was discarded due to wild pig damage and lodging from sequential tropical storms/hurricanes.<sup>d</sup> Averages were calculated using a multi-location analysis of variance.

## Keiser: Northeast Research and Extension Center (NEREC)

### Irrigated Corn Hybrids Trial Summary, 2020



**Soil Series:** Sharkey clay

**Previous Crop:** Fallow

**Soil pH** 7.0

**Row Spacing:** 38 in.

**Planting Date:** April 21

**Irrigation Date(s):** June 18  
July 9, 30  
August 20

**Harvest Date:** September 20

**Fertilizer** 100 lb/ac N

**Application(s):** 92 lb/ac N

May 21

June 7

**Herbicide** Atrazine + Charger Basic

**Application(s):** Herbivore  
Acuron

April 21

May 16

May 21

**Other** Besiege + Trivapro

**Application(s):**

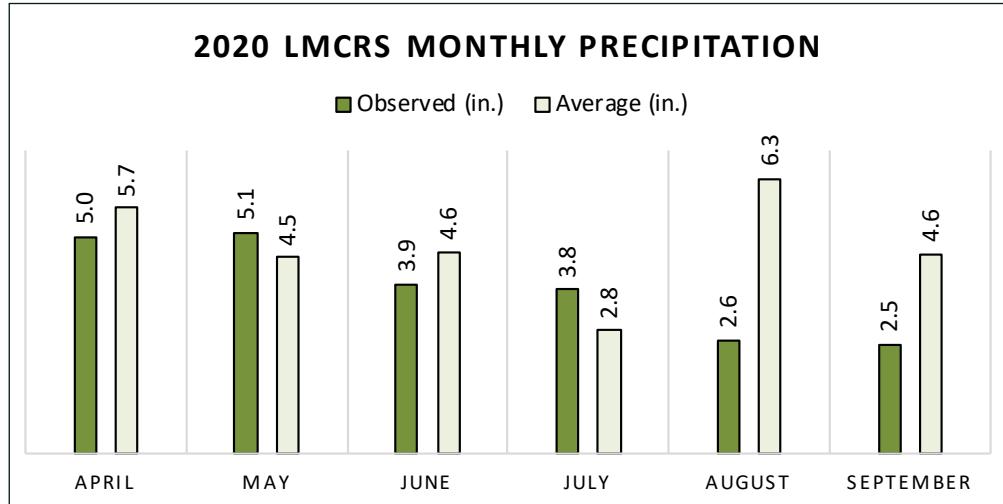
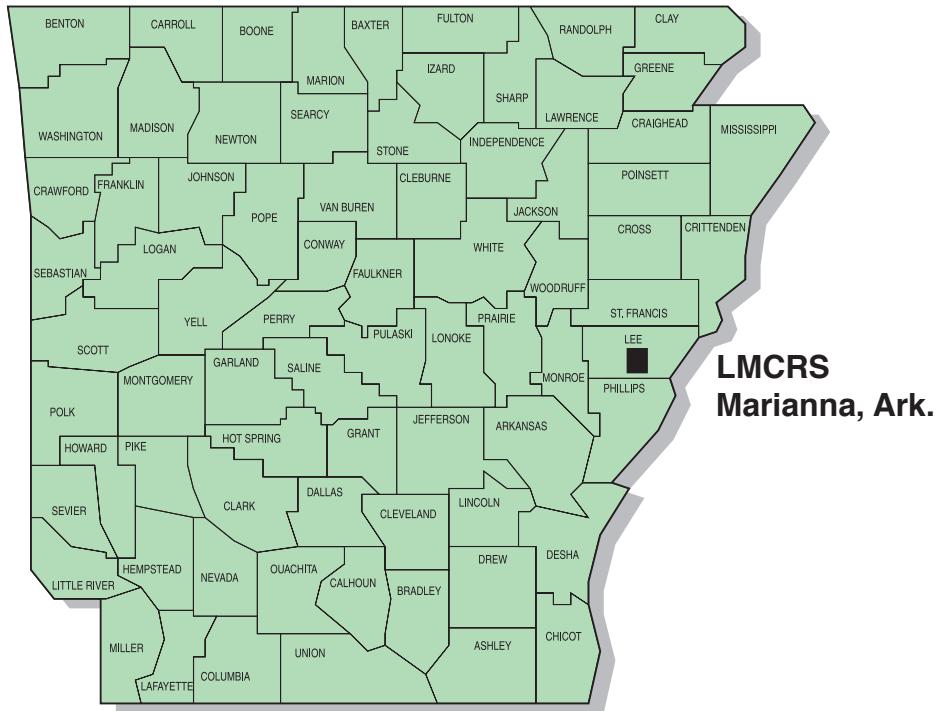
August 13





## Lon Mann Cotton Research Center (LMCRS), Marianna, Ark.

### Irrigated Corn Hybrids Trial Summary, 2020



**Soil Series:** Calloway silt loam

**Previous Crop:** Corn

**Row Spacing:** 38 in.

**Planting Date:** April 21

**Irrigation Dates:** July 1, 13, 23, 30  
August 6

**Harvest Date:** September 11

**Fertilizer Application(s):** 46 lb/ac P<sub>2</sub>O<sub>5</sub>  
90 lb/ac K<sub>2</sub>O  
24 lb/ac S  
85 lb/ac N  
10 lb/ac Zn  
184 lb/ac N

**Herbicide Application(s):** Dual II Magnum  
Dual II Magnum + Atrazine

**Other Application(s):** Besiege + Trivapro

} April 10

May 28

April 21  
June 3

August 3



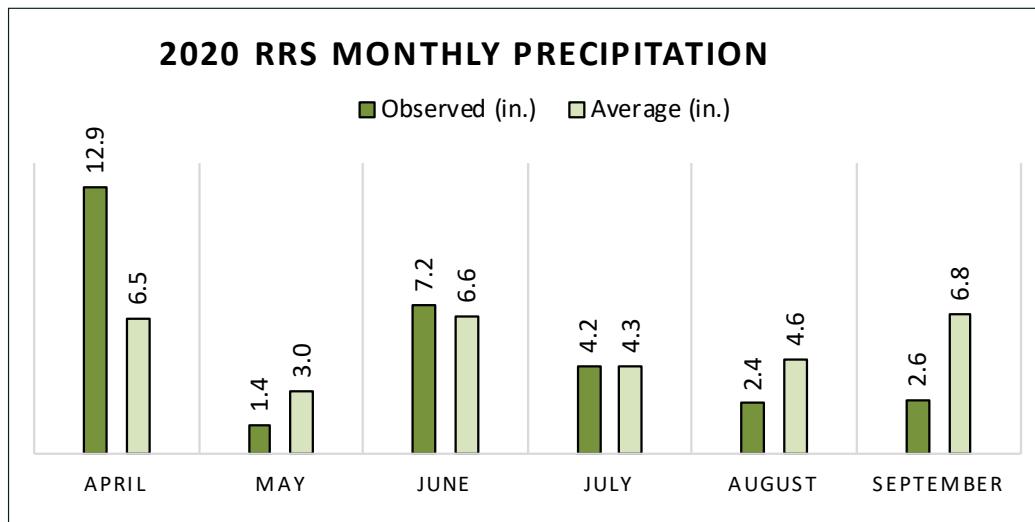
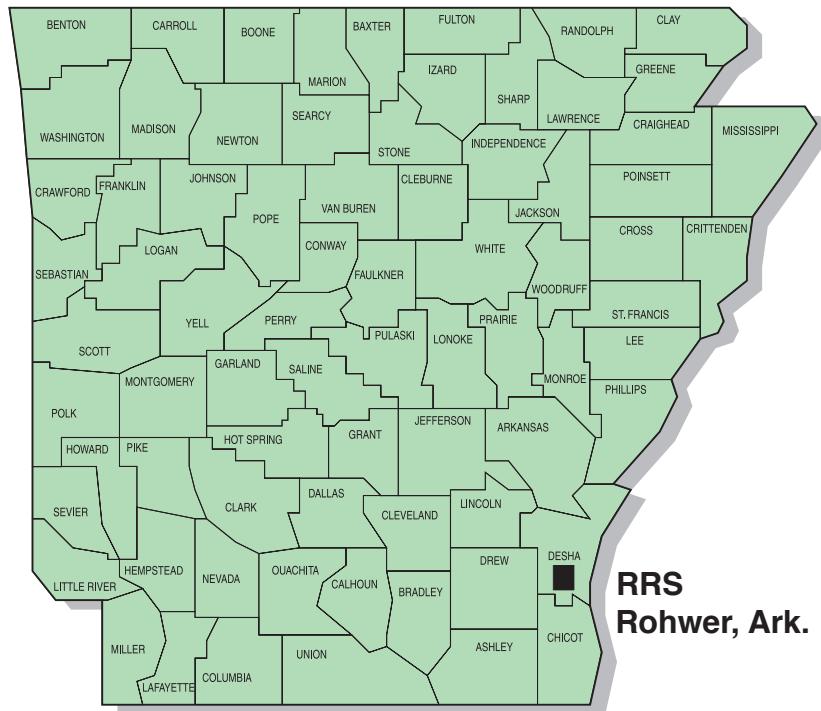
**Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2020, continued.**

Brand/Hybrid	Yield (bu./ac)	2-Year <sup>a</sup>	3-Year <sup>b</sup>	Tip <sup>c</sup>	Ear Height
		Avg. (bu./ac)	Avg. (bu./ac)	Cover	(in.)
Augusta A1367	225.4	•	•	3.0	55.0
Progeny PGY2025DG	224.8	•	•	3.0	52.0
Progeny PGY8116SS	224.4	206.2	219.1	2.0	54.0
DEKALB DKC 67-37	223.9	•	•	2.0	51.0
CP5340/VT2P	223.6	•	•	3.0	42.0
Progeny EXP2010	222.3	•	•	3.0	51.0
LG5650VT2Pro	221.9	210.2	224.0	3.0	49.0
Local LC1806 VT2P	221.8	•	•	3.0	47.0
Axis Seed 63D28RIB	221.4	•	•	2.0	49.0
Mission AV8216YHB	221.2	•	•	3.0	54.0
Mission A1257VT2P	220.1	•	•	1.0	51.0
Progeny PGY9114VT2P	219.5	190.1	126.7	3.0	49.0
Progeny EXP1912	218.1	198.7	132.5	2.0	50.0
LG68C22VT2Pro	217.6	•	•	2.0	52.0
Hi-Fidelity HFG1162	217.5	•	•	1.0	51.0
BH 8555DG2P	217.2	•	•	3.0	46.0
LG66C44VT2Pro	217.2	•	•	3.0	50.0
Hi-Fidelity HFG1161	216.1	•	•	2.0	57.0
Hefty H6624	214.5	•	•	2.0	43.0
Mission A1548DGVT2P	213.8	•	•	1.0	55.0
Axis Seed 65T29RIB	213.1	•	•	2.0	52.0
Taylor T-8824VT2PRO	212.0	•	•	3.0	50.0
Local LC1407 VT2P	210.1	•	•	3.0	52.0
Hefty H6532	210.0	187.7	125.1	1.0	49.0
Axis Seed 66A26RIB	209.1	•	•	3.0	45.0
Taylor T-8561VT2PRO	209.0	•	•	2.0	49.0
Progeny EXP2013	208.8	•	•	3.0	54.0
Hefty H6635	207.7	189.9	126.6	3.0	48.0
Local LC1987 VT2P	207.3	200.3	208.0	2.0	53.0
LG66C32VT2Pro	204.6	•	•	1.0	50.0
Hefty H6524	202.5	•	•	3.0	47.0
Hefty H6525	199.6	•	•	2.0	49.0
Progeny EXP1913	196.8	176.2	117.4	2.0	51.0
Progeny PGY2015VT2P	193.7	•	•	3.0	53.0
Progeny EXP1917TRE	179.7	•	•	2.0	50.0
GRAND MEAN	226.9	•	•	2.2	50.3
LSD (5%)	13.8	•	•	•	•
C.V.	5.2	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.<sup>b</sup> Average yield for 2018, 2019, and 2020.<sup>c</sup> Ear tip cover rated as good (1), average (2), or poor (3). Ear tip cover rated as "good" had husks reaching well-beyond the end of the ear and fit tightly. An "average" rating was given when husks reached to the tip of the ear and fit loosely. A "poor" rating was given when ears were open to the weather.

## Rohwer: Rohwer Research Station (RRS)

### Irrigated Corn Hybrids Trial Summary, 2020



**Soil Series:** Desha silt loam  
**Previous Crop:** Soybean  
**Row Spacing:** 38 in.  
**Planting Date:** May 1  
**Irrigation Dates:** June 2, 18  
                     July 18, 24  
                     August 4, 11  
**Harvest Date:** September 11

<b>Fertilizer Application(s):</b> 125 units N 32% liquid N	May 21
<b>Herbicide Application(s):</b> Dual II Magnum + Atrazine + Roundup	April 24
Halex GT + Atrazine	May 31



**Table 11. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2020, continued.**

Brand/Hybrid	Yield	2-Year <sup>a</sup>	3-Year <sup>b</sup>	Tip <sup>c</sup>	Ear
	(bu./ac)	Avg.	(bu./ac)	Cover	Height (in.)
Local LC1407 VT2P	228.5	•	•	2.0	44.0
BH 8555DG2P	228.3	•	•	3.0	40.0
Mission A1657VT2P	228.2	•	•	1.0	44.0
DEKALB DKC 70-27	228.1	236.9	221.6	2.0	46.0
Taylor T-8680VT2PRO	228.1	•	•	3.0	42.0
Axis Seed 65T29RIB	227.8	•	•	1.0	42.0
Progeny PGY9114VT2P	227.7	229.3	•	2.0	40.0
CPX19115B/VT2P	227.7	•	•	2.0	56.0
Hefty H6635	227.7	215.0	•	2.0	44.0
LG5650VT2Pro	227.3	233.3	223.3	2.0	50.0
Axis Seed 63K29RIB	226.7	•	•	3.0	44.0
Hefty H6525	226.2	•	•	1.0	46.0
Mission AV8216YHB	224.3	•	•	3.0	44.0
AgriGold A6572VT2RIB	224.1	231.7	224.4	3.0	46.0
CP5370/VT2P	222.8	•	•	3.0	40.0
Taylor T-8824VT2PRO	222.6	•	•	3.0	42.0
Local LC1987 VT2P	222.3	214.5	203.6	2.0	42.0
Mission A1257VT2P	221.7	•	•	2.0	42.0
Hi-Fidelity HFG1162	221.5	•	•	3.0	44.0
LG66C44VT2Pro	220.6	•	•	2.0	44.0
Progeny EXP1913	220.5	217.5	•	1.0	44.0
Hi-Fidelity HFG1111	220.1	•	•	2.0	44.0
Progeny EXP1912	218.9	223.0	•	1.0	42.0
Taylor T-8561VT2PRO	217.6	•	•	2.0	42.0
Progeny PGY8116SS	215.6	223.0	215.4	2.0	43.0
LG68C22VT2Pro	215.3	•	•	2.0	44.0
Hi-Fidelity HFG1152	214.3	•	•	3.0	46.0
Hi-Fidelity HFG1161	213.0	•	•	2.0	46.0
Local LC1806 VT2P	212.5	•	•	3.0	46.0
LG66C32VT2Pro	212.3	•	•	2.0	44.0
Hefty H6532	209.1	208.2	•	2.0	40.0
Hefty H6524	202.2	•	•	3.0	39.0
Hefty H6624	197.7	•	•	2.0	38.0
Progeny EXP1917TRE	197.0	•	•	1.0	38.0
CP5340/VT2P	193.9	•	•	1.0	46.0
GRAND MEAN	231.2	•	•	1.8	43.7
LSD (5%)	18.3	•	•	•	•
C.V.	6.8	•	•	•	•

<sup>a</sup> Average yield for 2019 and 2020.

<sup>b</sup> Average yield for 2018, 2019, and 2020.

<sup>c</sup> Average number of plants broken below an ear at harvest.

<sup>d</sup> Ear tip cover rated as good (1), average (2), or poor (3). Ear tip cover rated as "good" had husks reaching well-beyond the end of the ear and fit tightly. An "average" rating was given when husks reached to the tip of the ear and fit loosely. A "poor" rating was given when ears were open to the weather.

**Participants and Entries  
2020 Grain Sorghum Tests**

<u>Company</u>	<u>Hybrids</u>
<b>Bayer Crop Science</b> 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKS 51-01 DEKALB DKS 53-53 DEKALB DKS 45-23 DEKALB DKS 37-07
<b>Local Seed Co.</b> 802 Rozelle St. Memphis, TN 38104	LGS12R19
<b>Nutrien Ag Solutions</b> 3005 Rocky Mountain Ave. Loveland, CO 80538	Dyna-Gro GX19981 Dyna-Gro M60GB31 Dyna-Gro M62GB77 Dyna-Gro M69GB38 Dyna-Gro M69GR88 Dyna-Gro M71GR91 Dyna-Gro M72GB71
<b>S&amp;W Seed Co.</b> 1309 East 50th St. Lubbock, TX 79404	SP 74C40 SP 74M21 SP 7715

**Participants and Entries  
2020 Corn Tests**

<u>Company</u>	<u>Hybrids</u>
<b>Agri Technology Solutions</b> 3940 St. Johns Pkway Sanford, Florida 32771	Taylor T-8680VT2PRO Taylor T-8561VT2PRO Taylor T-8824VT2PRO
<b>AgriGold Hybrids</b> 5381 Akin Rd St. Francisville, IL 62460	AgriGold A645-16VT2PRO AgriGold A647-35-3330 AgriGold A6544VT2RIB AgriGold A6572VT2RIB AgriGold A6659VT2RIB
<b>Augusta Seed Corporation</b> P.O. Box 899 Verona, VA 24482	Augusta A1367
<b>BH Genetics</b> 5933 FM 1157 Ganado, TX 77962	BH 8555DG2P BH 8721VT2P BH X18053VT2P
<b>Bayer Crop Science</b> 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKC 62-53 DEKALB DKC 65-95 DEKALB DKC 65-99 DEKALB DKC 66-18 DEKALB DKC 66-75 DEKALB DKC 67-37 DEKALB DKC 67-44 DEKALB DKC 68-69 DEKALB DKC 70-27
<b>Hefty Seed Co.</b> 47504 252 <sup>nd</sup> St. Baltic, SD 57003	Hefty H6524 Hefty H6525 Hefty H6532 Hefty H6624 Hefty H6635
<b>Hi Fidelity Genetics</b> 326 West Geer St Durham, NC 27701	Hi-Fidelity HFG1111 Hi-Fidelity HFG1152 Hi-Fidelity HFG1161 Hi-Fidelity HFG1162

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**Participants and Entries  
2020 Corn Tests, Continued**

<u>Company</u>	<u>Hybrids</u>
<b>LG Seeds Inc.</b> 1122 E. 169th Street Westfield, IN 46074	LG5650VT2Pro LG66C32VT2Pro LG66C44VT2Pro LG68C22VT2Pro
<b>Local Seed Co.</b> 802 Rozelle St. Memphis, TN 38104	Local LC1307 TC Local LC1289 VT2P Local LC1398 VT2P Local LC1497 DGVT2P Local LC1577 VT2P Local LC1697 VT2P Local LC1898 TC Local LC1987 VT2P Local LC1407 VT2P Local LC1506 VT2P Local LC1707 VT2P Local LC1806 VT2P
<b>Mayberry Seed Co.</b> 22985 State Hwy. D Essex, MO 63846	Axis Seed 63D28RIB Axis Seed 63K29RIB Axis Seed 65T29RIB Axis Seed 66A26RIB Axis Seed 67K27RIB Axis Seed 68P28RIB
<b>Mission Seed Solutions</b> 516 N. Sharpe Ave. Cleveland, MS 38732	Mission A1257VT2P Mission A1477DGVT2P Mission A1548DGVT2P Mission A1657VT2P Mission A1798VT2P Mission AV7516Q Mission AV8216YHB
<b>Nutrien Ag Solutions</b> 3005 Rocky Mountain Ave. Loveland, CO 80538	Dyna-Gro D54VC34 Dyna-Gro D55VC45 Dyna-Gro D55VC80 Dyna-Gro D57VC51 Dyna-Gro D58VC65
<b>Pioneer Hi-Bred International</b> 7300 NW 62nd Ave. Johnston, IA 50131	Pioneer P1464VYHR Pioneer P1847VYHR

*Continued*

*Arkansas Corn and Grain Sorghum Performance Tests 2020*

**Participants and Entries  
2020 Corn Tests, Continued**

<b><u>Company</u></b>	<b><u>Hybrids</u></b>
<b>Progeny Ag Products</b> 1529 Highway 193 Wynne, AR 72396	Progeny EXP1912 Progeny EXP1913 Progeny EXP1915 Progeny EXP2010 Progeny EXP2013 Progeny EXP2014 Progeny EXP1917TRE Progeny EXP2018 Progeny PGY2012VT2P Progeny PGY2015VT2P Progeny PGY2025DG Progeny PGY8116SS Progeny PGY9114VT2P Progeny PGY9117VT2P
<b>WinField United Seed</b> 2532 Alexander Dr. Suite B Jonesboro, AR 72401	CP5335/VT2P CP5340/VT2P CP5370/VT2P CP5550/VT2P CPX19115B/VT2P

**Corn Trait Package Information**

<b>Abbreviations Used:</b>		<b>WBC</b>	<b>Western Bean Cutworm</b>
BCW	Black Cutworm	GT	Glyphosate Tolerant
CEW	Corn Earworm	LL	Liberty Link
ECB	European Corn Borer	RR2	Roundup Ready 2 Yield
FAW	Fall Armyworm	RIB	Refuge in Bag
RW	Corn Rootworm		
SB	Stalk Borer		
SWCB	Southern Corn Borer		
TAW	True Armyworm		

<b>Trait Family</b>	<b>Product</b>	<b>Insects Controlled or Suppressed</b>		<b>Herbicide Tolerance</b>
		<b>(Above Ground)</b>	<b>(In Soil)</b>	
<b>Agrisure</b>	Agrisure 3010, 3010A	<b>ECB SWCB CEW FAW SB</b>	—	GT LL
	Agrisure 3000GT, 3011A	<b>ECB SWCB CEW FAW SB</b>	<b>RW</b>	GT LL
	Agrisure Viptera 3110	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	—	GT LL
	Agrisure Viptera 3111	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	<b>RW</b>	GT LL
	Agrisure 3122 E-Z Refuge	<b>BCW ECB FAW SB SWCB TAW</b> <b>WBC CEW</b>	<b>RW</b>	GT
	Agrisure Viptera 3220 E-Z Refuge	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	—	GT
	Agrisure Duracade 5122 E-Z Refuge	<b>BCW ECB FAW SB SWCB TAW</b> <b>WBC CEW</b>	<b>RW</b>	GT
<b>Herculex</b>	Agrisure 3122 E-Z Refuge	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	<b>RW</b>	GT
	Herculex 1 (HX1)	<b>BCW ECB FAW SB SWCB WBC</b> <b>CEW</b>	—	LL RR2
	Herculex RW (HXRW)	—	<b>RW</b>	LL RR2
<b>Optimum</b>	Herculex XTRA (HXX)	<b>BCW ECB FAW SB SWCB WBC</b> <b>CEW</b>	<b>RW</b>	LL RR2
	Intrasect (YHR)	<b>BCW ECB FAW SB SWCB WBC</b> <b>CEW</b>	—	LL RR2
	AcreMax (AM)	<b>BCW ECB FAW SB SWCB WBC</b> <b>CEW</b>	—	LL RR2
	Leptra (VYHR)	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	—	LL RR2
	AcreMax Leptra (AML)	<b>BCW CEW ECB FAW SB SWCB</b> <b>TAW WBC</b>	—	LL RR2
	AcreMax RW (AMRW)	—	<b>RW</b>	LL RR2

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**Corn Trait Package Information, Continued**

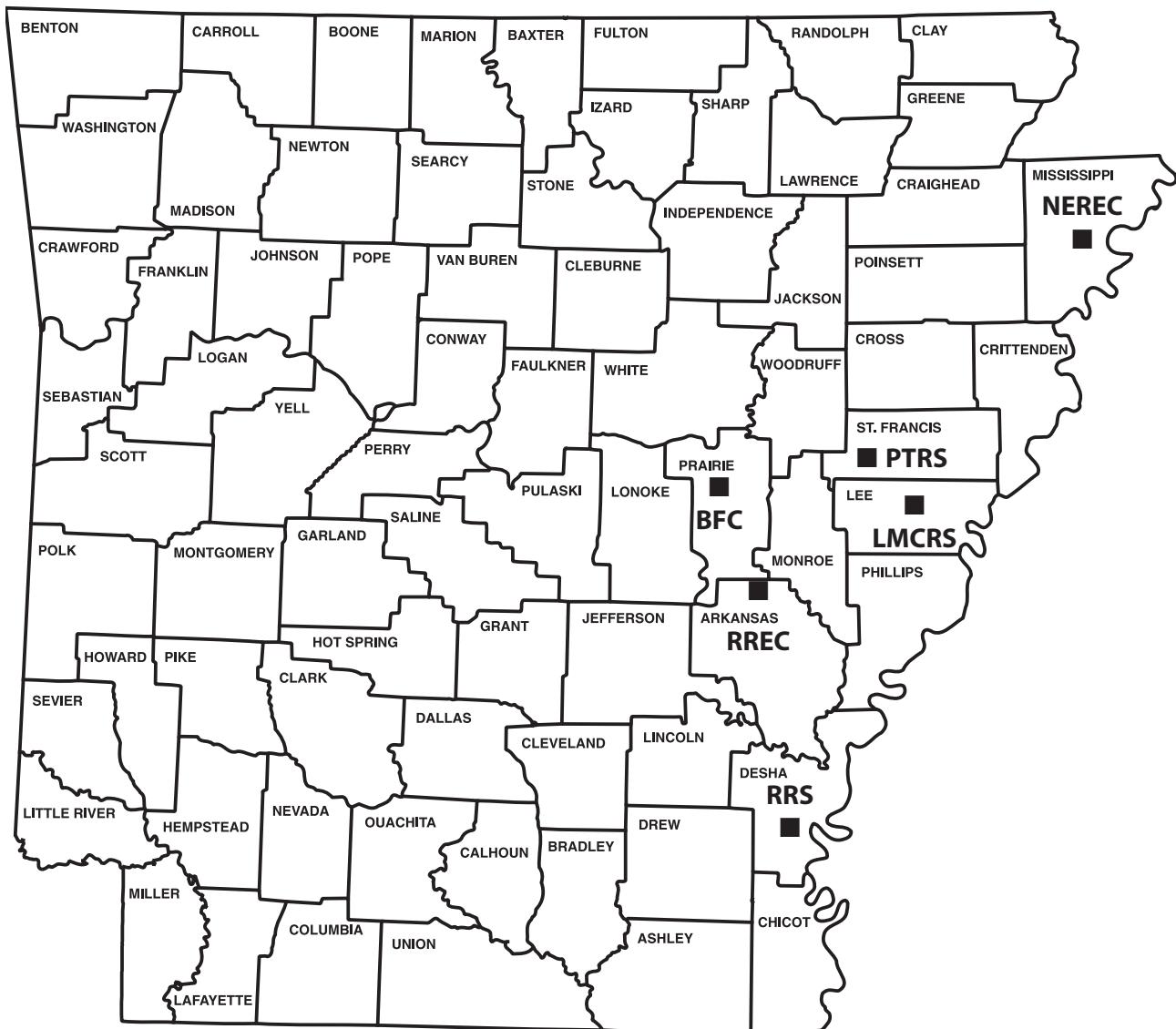
Trait Family	Product	Insects Controlled or Suppressed		Herbicide Tolerance
		(Above Ground)	(In Soil)	
<b>Optimum, cont.</b>	AcreMax1 (AM1)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	TRIsect (CHR)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	Intrasect TRIsect (CYHR)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	AcreMax TRIsect (AMT)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	Intrasect Xtra (YXR)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	AcreMax Xtra (AMX)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	Intrasect Xtreme (CYXR)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
	AcreMax Xtreme (AMXT)	<b>BCW ECB FAW SB SWCB WBC CEW</b>	<b>RW</b>	LL RR2
<b>YieldGard/ Genuity</b>	YieldGard CB (YGCB)	<b>ECB SWCB CEW FAW SB</b>	—	RR2
	YieldGard VT Rootworm	—	<b>RW</b>	RR2
	YieldGard VT Triple	<b>ECB SWCB CEW FAW SB</b>	<b>RW</b>	RR2
	Genuity VT Double PRO	<b>CEW ECB FAW SB SWCB</b>	—	RR2
	Genuity VT Double PRO RIB Complete	<b>CEW ECB FAW SB SWCB</b>	—	RR2
	Genuity VT Triple PRO	<b>CEW ECB FAW SB SWCB</b>	<b>RW</b>	RR2
	Genuity VT Triple PRO RIB Complete	<b>CEW ECB FAW SB SWCB</b>	<b>RW</b>	RR2
	Genuity VT SmartStax	<b>BCW CEW ECB FAW SB SWCB WBC</b>	<b>RW</b>	LL RR2
	Genuity VT SmartStax RIB Complete	<b>BCW CEW ECB FAW SB SWCB WBC</b>	<b>RW</b>	LL RR2
<b>Other Trait Families</b>	Powercore	<b>BCW CEW ECB FAW SB SWCB WBC</b>	—	LL RR2
	Powercore Refuge Advanced	<b>BCW CEW ECB FAW SB SWCB WBC</b>	—	LL RR2
	SmartStax	<b>BCW CEW ECB FAW SB SWCB WBC</b>	<b>RW</b>	LL RR2
	SmartStax Refuge Advanced	<b>BCW CEW ECB FAW SB SWCB WBC</b>	<b>RW</b>	LL RR2

# GRAIN SORGHUM TEST LOCATIONS



- LMCRS** - Lon Mann Cotton Research Station, Marianna, Arkansas
- NEREC** - Northeast Research and Extension Center, Keiser, Arkansas
- RREC** - Rice Research and Extension Center, Stuttgart, Arkansas
- RRS** - Rohwer Research Station, Rohwer, Arkansas

## CORN TEST LOCATIONS



- BFC** - Bell Farming Company, Des Arc, Arkansas
- LMCRS** - Lon Mann Cotton Research Station, Marianna, Arkansas
- NEREC** - Northeast Research and Extension Center, Keiser, Arkansas
- PTRS** - Pine Tree Research Station, Colt, Arkansas
- RREC** - Rice Research and Extension Center, Stuttgart, Arkansas
- RRS** - Rohwer Research Station, Rohwer, Arkansas

