

Arkansas **Corn and Grain Sorghum Performance Tests 2024**

**J.F. Carlin,
R.D. Bond,
J.C. McCoy, and
T.D. Swanson**

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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 Tests¹ 2024

J.F. Carlin,² R.D. Bond,² J.C. McCoy,² and T.D. Swanson²

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 2024 corn performance tests contained 44 hybrids and were conducted at the Northeast Rice Research and Extension Center (NERREC) at Harrisburg, the Lon Mann Cotton Research Station (LMCRS) near Marianna, the Rohwer Research Station (RRS) near Rohwer, and the Rice Research and Extension Center (RREC) near Stuttgart. The 2024 grain sorghum performance tests contained 16 hybrids and were conducted at the NERREC, the NEREC, the LMCRS, the RRS, and the RREC locations. The test location map for grain sorghum and corn can be found on page 42.

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 Harrisburg, Marianna, and Stuttgart 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).

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.

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.

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.

¹ 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.

² Program Director, Program Associate, Program Associate, and Program Associate, respectively, University of Arkansas System Division of Agriculture, Arkansas Agricultural Experiment Station, Fayetteville.

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.uada.edu/variety-testing/>

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

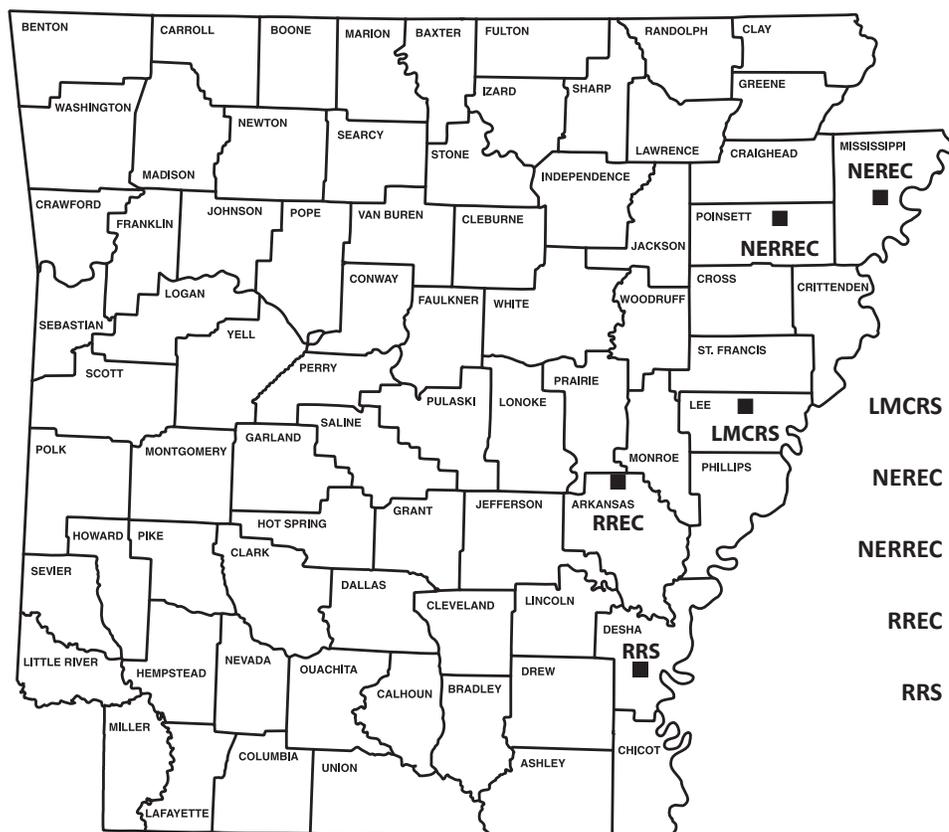
Table 1. Summary of Grain Sorghum and Corn Hybrid Arkansas Performance Tests, 2024.

Location	Irrigation	Row Spacing (in.)	Soil Type	Planting Date	Harvest Date	Trial Mean (bu./ac)
2024 Grain Sorghum Hybrid Performance Trial Summary						
NERREC, Harrisburg ^a	Irrigated	30	Henry silt loam	5/29	•	•
LMCRS, Marianna	Irrigated	38	Calloway silt loam	4/22	8/26	103.3
RRS, Rohwer	Irrigated	38	Hebert silt loam	4/16	8/22	116.4
RREC, Stuttgart	Irrigated	30	Crowley silt loam	5/20	10/9	118.3
RREC, High Density Population, Stuttgart	Irrigated	30	Crowley silt loam	5/16	10/9	114.6

Location	Irrigation	Row Spacing (in.)	Soil Type	Planting Date	Harvest Date	Trial Mean (bu./ac)
2024 Corn Hybrid Performance Trial Summary						
NERREC, Harrisburg	Irrigated	30	Henry silt loam	4/24	9/5	242.3
LMCRS, Marianna	Irrigated	38	Calloway silt loam	4/22	8/28	180.5
LMCRS, Marianna, Late Planted	Irrigated	38	Calloway silt loam	5/20	9/24	195.5
RRS, Rohwer	Irrigated	38	Hebert silt loam	4/16	8/28	216.6
RRS, Rohwer, Late Planted	Irrigated	38	Hebert silt loam	5/22	10/3	194.2
RREC, Stuttgart	Irrigated	30	Crowley silt loam	4/16	9/11	187.1
RREC, Stuttgart, Late Planted	Irrigated	30	Crowley silt loam	5/21	9/11	186.0

^a Data not provided due to poor stands and high test variability.

Test Locations 2024



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

Table 2. Yields (bu./ac) of Grain Sorghum Hybrids in the Arkansas Performance Tests, 2024.^{a,b}

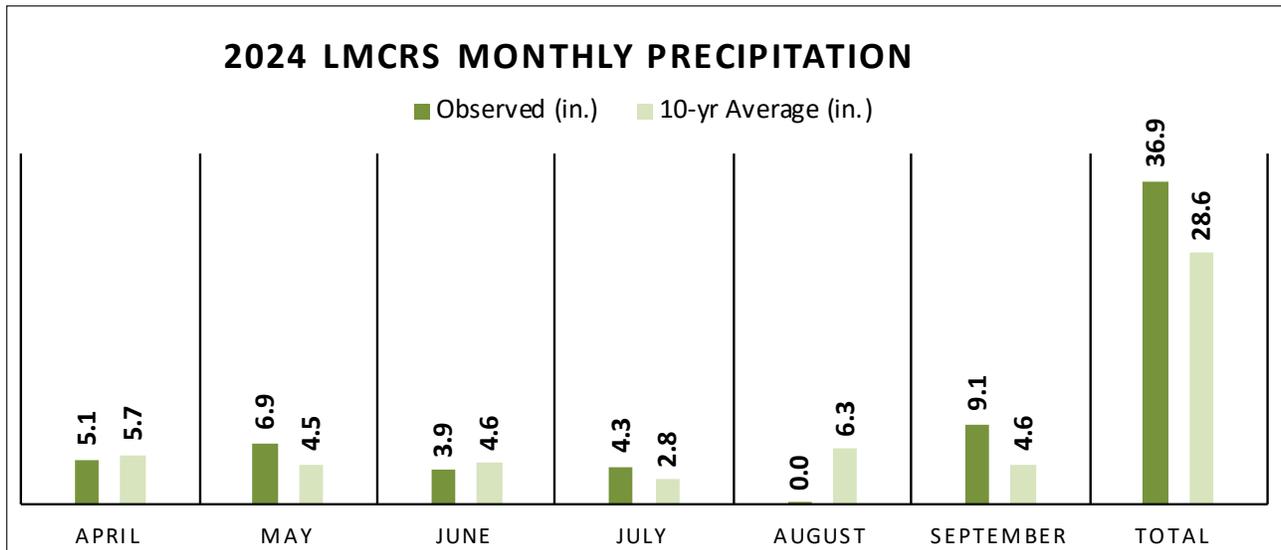
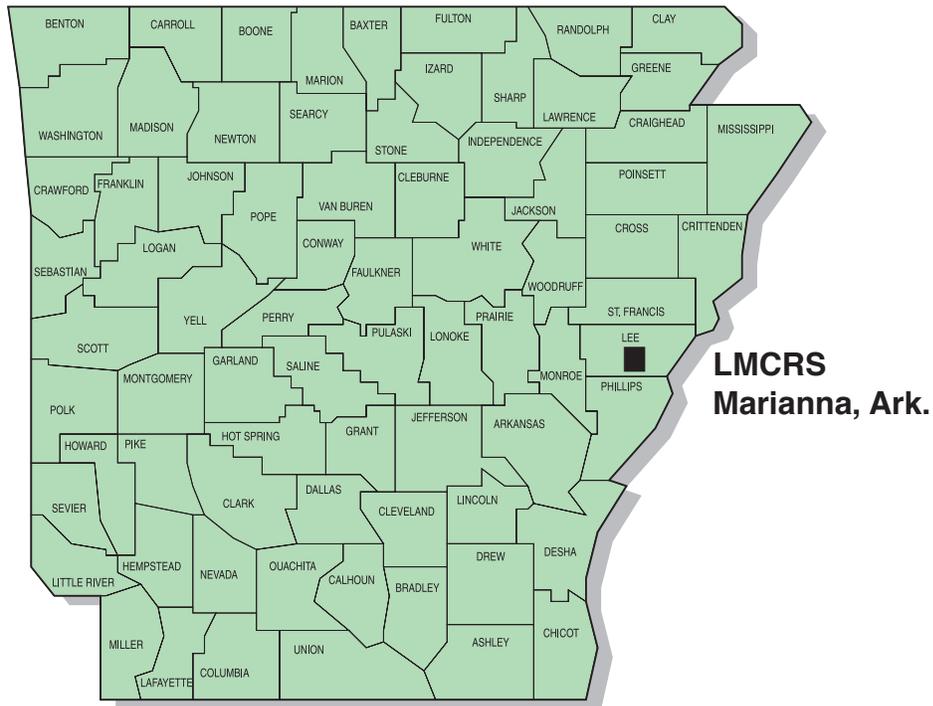
Hybrid Name	Stuttgart High				Mean
	Marianna	Rohwer	Stuttgart	Density Population	
	-----bu./ac-----				
BH 4041	117.5	115.6	108.9	109.5	112.9
BH 4220	111.0	117.9	94.8	127.2	114.4
BH 5755	104.3	125.0	117.9	113.3	115.1
DEKALB DKS 51-01	96.1	110.5	124.1	109.4	110.0
DEKALB DKS 54-07	105.6	117.1	123.9	109.8	114.1
Dyna-Gro M60GB31	91.3	90.7	107.8	110.5	100.1
Dyna-Gro M62GB36	100.3	116.3	108.2	111.4	109.1
Dyna-Gro M63GB78	96.7	103.9	111.5	114.6	106.7
Dyna-Gro M66GR32	100.0	110.9	129.0	113.2	113.3
Dyna-Gro M67GB87	110.2	117.5	121.0	130.8	119.8
Dyna-Gro M70GR37	105.9	126.1	126.5	111.5	117.5
Dyna-Gro M71GB91	104.9	130.4	122.8	110.2	117.1
Dyna-Gro M72GR71	105.7	115.9	128.5	120.8	117.7
Pioneer 82P22	99.5	117.3	121.7	114.0	113.1
Pioneer 83G19	105.6	126.1	121.4	121.0	120.8
Pioneer 83P38(2072A175-01)	99.1	121.6	125.2	105.8	112.9
GRAND MEAN	103.3	116.4	118.3	114.6	113.4
LSD (5%)	13.5	8.1	9.7	12.7	6.0
C.V.	11.0	5.8	6.9	9.4	9.1

^a Marianna = Lon Mann Cotton Research Station, Marianna, Ark.; Rohwer = Rohwer Research Station, Rohwer Ark.; Stuttgart = Rice Research and Extension Center, Stuttgart, Ark.

^b Data at the Harrisburg location is not provided due to poor stands and high test variability.

Lon Mann Cotton Research Station (LMCRS), Marianna, Ark.

Irrigated Grain Sorghum Hybrids Trial Summary, 2024



Soil Series
Calloway silt loam
Row Spacing
38 in.
Planting Date
April 22
Harvest Date
August 26

Irrigation Dates	July 5, August 5
Fertilizer Application(s)	Date
150 lb/ac 46-0-0	May 13
100 lb/ac 46-0-0	June 3
Herbicide Application(s)	Date
1.0 oz/ac Permit Plus®	May 22
4.0 pt/ac Atrazine®	May 22
2.0 pt/ac Atrazine®	June 6
1.0 oz/ac Gambit®	June 6
4.0 oz/ac Mustang Maxx®	July 2

Table 3. Performance of Irrigated Grain Sorghum Hybrids, Marianna, Ark., 2024.

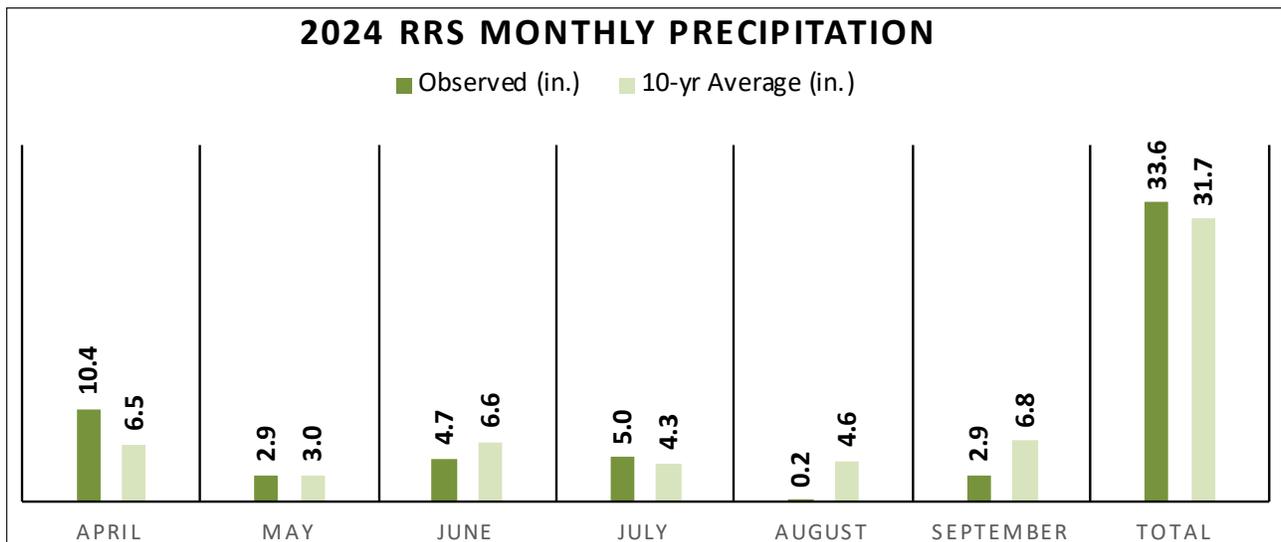
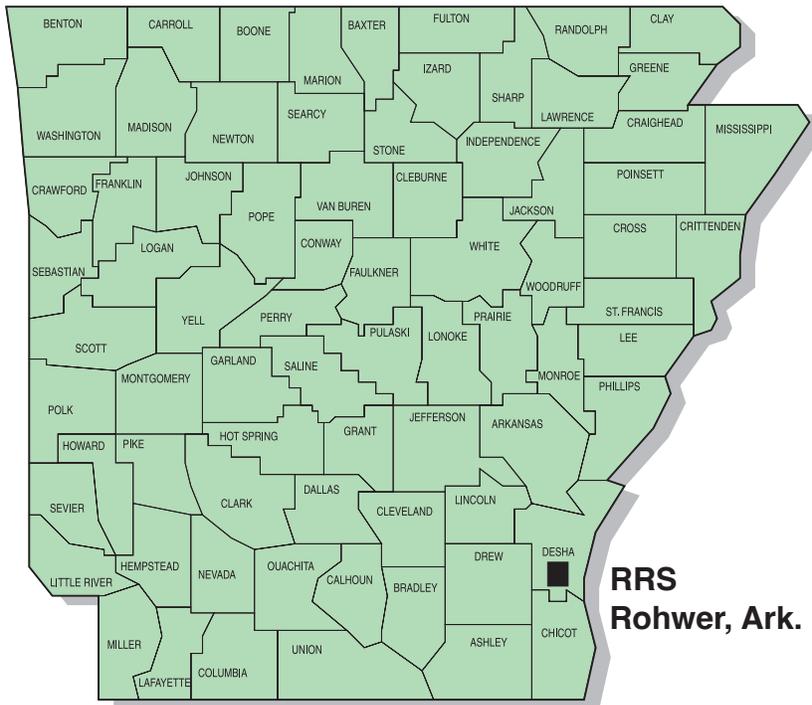
Brand/Hybrid	Yield	2-Year^a	3-Year^b	Moisture
	(bu./ac)	Avg.	Avg.	(%)
	(bu./ac)	(bu./ac)	(bu./ac)	(%)
BH 4041	117.5	•	•	12.9
BH 4220	111.0	•	•	14.4
Dyna-Gro M67GB87	110.2	103.3	112.4	12.7
Dyna-Gro M70GR37	105.9	•	•	13.3
Dyna-Gro M72GB71	105.7	107.0	116.8	13.1
Pioneer 83G19	105.6	•	•	15.5
DEKALB DKS 54-07	105.6	109.6	122.1	13.6
Dyna-Gro M71GR91	104.9	102.8	114.2	13.4
BH 5755	104.3	•	•	13.5
Dyna-Gro M62GB36	100.3	•	•	12.2
Dyna-Gro M66GR32	100.0	•	•	15.1
Pioneer 82P22	99.5	•	•	12.8
Pioneer 83P38(2072A175-01)	99.1	•	•	13.2
Dyna-Gro M63GB78	96.7	94.5	110.9	12.3
DEKALB DKS 51-01	96.1	98.2	111.4	13.0
Dyna-Gro M60GB31	91.3	96.2	106.2	12.4
GRAND MEAN	103.3	•	•	13.3
LSD (5%)	13.5	•	•	1.9
C.V.	11.0	•	•	11.9

^a Average yield for 2022 and 2024.

^b Average yield for 2021, 2022, and 2024.

Rohwer: Rohwer Research Station (RRS)

Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2024



Soil Series
Hebert silt loam
Previous Crop
Soybean
Row Spacing
38 in.
Planting Date
April 16
Harvest Date
August 28

Irrigation Dates	June 14, 24; July 3, 15; August 5
Fertilizer Application(s)	Date
218 lb/ac N as 32% UAN	May 10
2.4 qt/ac Zn	May 10
Herbicide Application(s)	Date
1 qt/ac Reckon®	April 17
1 qt/ac Glyphosate®	April 17
1 qt/ac Atrazine®	April 17
1.5 pt/ac Priority®	April 17
1.0 qt/ac Atrazine®	May 11
1.0 pt/ac Priority®	May 11

Table 4. Performance of Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2024.

Hybrid Name	Yield	2-Year ^a	3-Year ^b	Moisture	Plant ^c	Head ^d	Head ^e	Test	Bird ^f
		Avg.	Avg.		Height	Exertion	Comp.		
		------(bu./ac)-----		(%)	------(in.)-----			(lb/bu.)	
Dyna-Gro M71GR91	130.4	•	•	15.7	59.3	4.3	2.8	53.9	0.3
Dyna-Gro M70GR37	126.1	•	•	15.8	55.3	5.5	3.5	53.4	0.3
Pioneer 83G19	126.1	•	•	17.2	59.0	3.3	4.0	52.4	0.5
BH 5755	125.0	•	•	16.2	58.5	2.8	2.8	53.7	0.5
Pioneer 83P38(2072A175-01)	121.6	109.2	•	15.7	62.5	5.8	2.8	50.4	1.5
BH 4220	117.9	•	•	14.3	54.0	5.3	4.3	53.6	1.0
Dyna-Gro M67GB87	117.5	107.9	113.9	15.0	57.0	3.5	2.5	53.1	0.5
Pioneer 82P22	117.3	•	•	16.1	62.0	3.8	2.8	52.0	0.8
DEKALB DKS 54-07	117.1	114.4	124.2	15.9	58.8	4.3	3.0	53.2	1.3
Dyna-Gro M62GB36	116.3	•	•	14.9	54.5	6.3	4.5	52.8	2.0
Dyna-Gro M72GB71	115.9	•	•	15.0	62.3	3.0	2.3	53.4	0.3
BH 4041	115.6	•	•	13.9	54.5	3.0	2.3	51.3	0.0
Dyna-Gro M66GR32	110.9	•	•	15.2	55.3	4.0	2.3	53.4	1.3
DEKALB DKS 51-01	110.5	109.9	121.8	14.2	63.0	6.0	3.3	54.3	1.3
Dyna-Gro M63GB78	103.9	98.5	108.3	13.6	51.8	4.8	4.8	51.6	2.5
Dyna-Gro M60GB31	90.7	94.1	101.8	16.4	52.8	5.3	3.8	52.5	0.8
GRAND MEAN	116.4	•	•	15.3	57.5	4.4	3.2	52.8	0.9
LSD (5%)	8.1	•	•	1.1	2.1	1.7	0.6	0.9	0.8
C.V.	5.8	•	•	6.3	3.0	31.9	14.5	1.4	0.8

^aAverage yield for 2023 and 2024.

^bAverage yield for 2022, 2023, and 2024.

^cAverage height in inches from the soil surface to the top of the grain head.

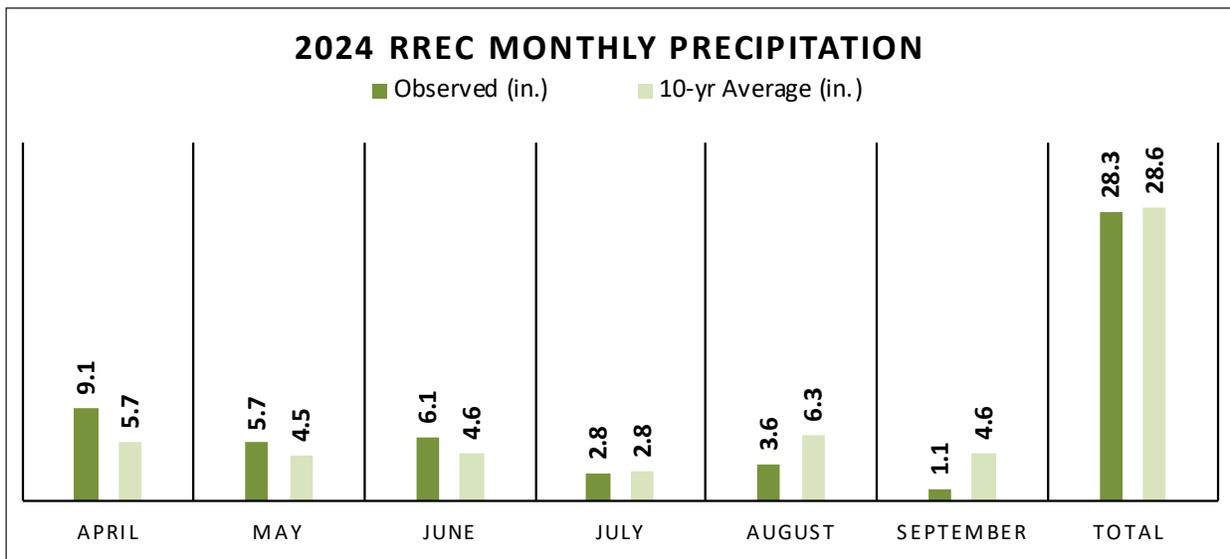
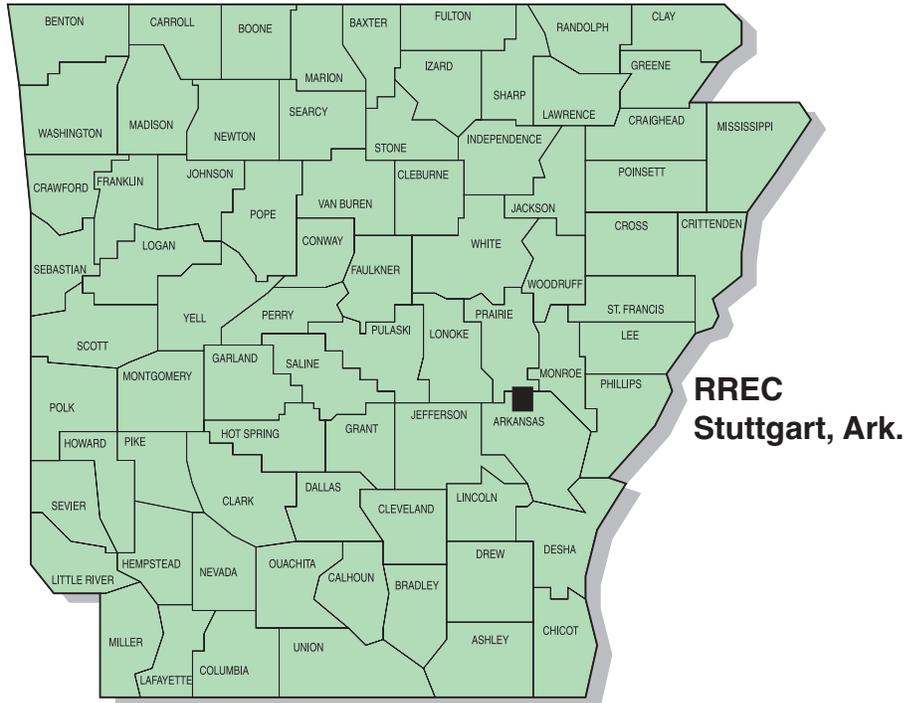
^dAverage distance in inches from the flag leaf to base of panicle.

^e1 = 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.

^f1 = 10%; 2 = 20%, 3 = 30%, 4 = 40%, 5 = 50%, 6 = 60%, 7 = 70%, 8 = 80%, 9 = 90%.

Stuttgart: Rice Research and Extension Center (RREC)

Irrigated Grain Sorghum (GS) Hybrids Trial Summary, 2024



Soil Series
Crowley silt loam
Previous Crop
Rice
Row Spacing
30 in.
Planting/Harvest Date
May 20/October 9

Irrigation Dates	July 3, 17; August 4, 25
Fertilizer Application(s)	Date
80-70-70-24S-10Zn	April 3
200 lb/ac 46-0-0	May 22
200 lb/ac 46-0-0	June 28
Herbicide Application(s)	Date
1 qt/ac Roundup® + 1.5 pt/ac Dual Magnum®	May 16
2 qt/ac Atrazine®	May 16

Table 5. Performance of Irrigated Grain Sorghum Hybrids, Stuttgart, Ark., 2024.

Hybrid Name	Yield	2-Year ^a	3-Year ^b	Moisture	Plant ^c	Head ^d	Head ^e
		Avg.			Height	Exertion	Comp.
		------(bu./ac)-----		(%)	------(in.)-----		
Dyna-Gro M66GR32	129.0	•	•	13.1	60.3	7.5	2.0
Dyna-Gro M72GB71	128.5	130.6	124.0	12.8	59.3	6.5	2.3
Dyna-Gro M70GR37	126.5	•	•	13.0	56.8	7.0	1.8
Pioneer 83P38(2072A175-01)	125.2	123.2	•	12.2	58.3	7.5	2.3
DEKALB DKS 51-01	124.1	127.9	124.5	12.5	59.0	7.5	2.0
DEKALB DKS 54-07	123.9	130.0	126.3	13.4	60.8	7.0	2.3
Dyna-Gro M71GR91	122.8	116.4	125.1	13.1	62.5	6.3	1.8
Pioneer 82P22	121.7	•	•	13.1	61.5	6.0	2.0
Pioneer 83G19	121.4	•	•	12.0	55.8	6.0	2.8
Dyna-Gro M67GB87	121.0	127.6	127.5	12.8	59.5	7.0	1.0
BH 5755	117.9	•	•	13.5	62.8	7.5	1.8
Dyna-Gro M63GB78	111.5	112.1	115.5	11.9	51.3	6.3	3.8
BH 4041	108.9	•	•	11.6	56.0	7.3	1.0
Dyna-Gro M62GB36	108.2	•	•	12.2	52.0	6.8	3.5
Dyna-Gro M60GB31	107.8	106.0	109.8	12.3	57.5	6.3	2.5
BH 4220	94.8	•	•	12.2	52.8	6.3	3.3
GRAND MEAN	118.3	•	•	12.6	57.9	6.8	2.2
LSD (5%)	9.7	•	•	0.3	1.9	0.8	0.6
C.V.	6.9	•	•	2.3	2.7	9.4	24.5

^a Average yield for 2023 and 2024.

^b Average yield for 2022, 2023, and 2024.

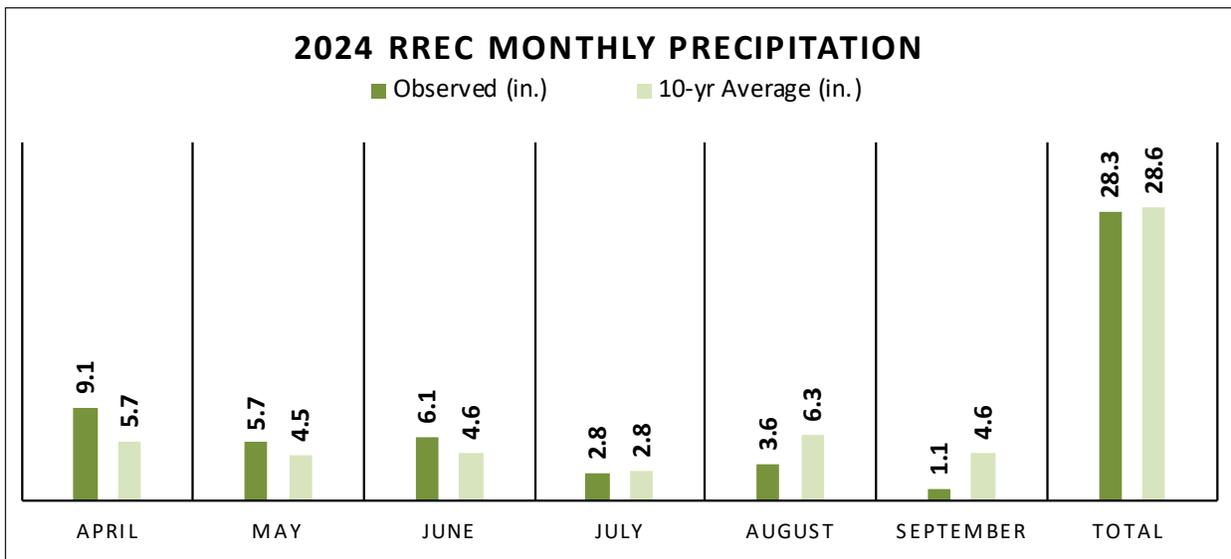
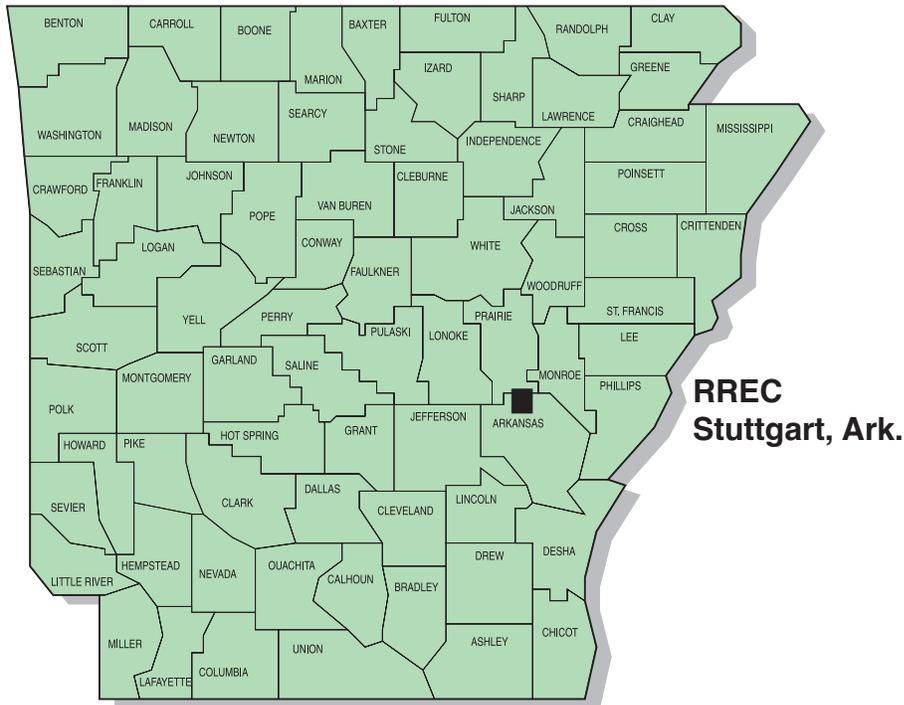
^c Average height in inches from the soil surface to the top of the grain head.

^d Average distance in inches from the flag leaf to base of panicle.

^e 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 High Density Population Grain Sorghum (GS) Hybrids Trial Summary, 2024



Soil Series
Crowley silt loam
Previous Crop
Rice
Row Spacing
30 in.
Planting/Harvest Date
May 16/October 9

Irrigation Dates	July 3, 17; August 4, 25
Fertilizer Application(s)	Date
80-70-70-24S-10Zn	April 3
200 lb/ac 46-0-0	May 22
200 lb/ac 46-0-0	June 28
Herbicide Application(s)	Date
1 qt/ac Roundup® + 1.5 pt/ac Dual Magnum®	May 16
2 qt/ac Atrazine®	May 16

Table 6. Performance of Irrigated High Density Population Grain Sorghum Hybrids, Stuttgart, Ark., 2024.

Hybrid Name	Yield (bu./ac)	Moisture (%)	Plant ^a	Head ^b	Head ^c
			Height	Exertion	Comp.
			------(in.)-----		
Dyna-Gro M67GB87	130.8	12.4	62.8	7.3	1.5
BH 4220	127.2	12.4	60.5	6.3	1.8
Pioneer 83G19	121.0	12.0	61.5	6.5	2.5
Dyna-Gro M72GB71	120.8	12.2	63.0	7.8	2.0
Dyna-Gro M63GB78	114.6	12.4	63.8	7.3	2.0
Pioneer 82P22	114.0	12.2	59.8	6.8	1.3
BH 5755	113.3	12.5	61.5	6.8	2.5
Dyna-Gro M66GR32	113.2	12.3	57.0	7.0	1.8
Dyna-Gro M70GR37	111.5	12.7	61.3	8.5	1.8
Dyna-Gro M62GB36	111.4	12.0	59.8	7.8	1.8
Dyna-Gro M60GB31	110.5	11.7	58.5	7.3	3.3
Dyna-Gro M71GR91	110.2	12.5	61.3	6.8	2.5
DEKALB DKS 54-07	109.8	12.3	59.8	7.0	2.0
BH 4041	109.5	12.0	61.3	6.5	1.5
DEKALB DKS 51-01	109.4	12.0	56.8	7.5	2.5
Pioneer 83P38(2072A175-01)	105.8	12.6	63.0	7.3	2.0
GRAND MEAN	114.6	12.3	60.7	7.1	2.0
LSD (5%)	12.7	0.7	4.6	1.3	1.0
C.V.	9.4	4.5	6.4	16.0	40.2

^a Average height in inches from the soil surface to the top of the grain head.

^b Average distance in inches from the flag leaf to base of panicle.

^c 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 7. Yields (bu./ac) of Corn Hybrids in the Arkansas Performance Tests, 2024.^a

Hybrid Name	Harrisburg	Marianna	Rohwer	Stuttgart	Mean
Axis Seed 64H70RIB Trecepta	242.1	165.6	201.8	204.6	203.5
Axis Seed 65W75RIB Trecepta	216.7	183.5	212.6	209.8	205.7
Axis Seed 66Z71RIB Trecepta	255.7	187.8	194.9	202.3	210.2
Axis Seed 69A79 Trecepta	262.4	192.7	214.9	161.9	208.0
BH 8939TRE	256.4	192.1	239.4	169.8	214.4
BH X23048VT2P	228.1	188.9	213.6	215.2	211.4
BH X24001TRE	253.7	175.0	232.0	217.7	219.6
BH X24004TRE	250.8	186.5	218.9	178.9	208.8
DEKALB DKC 64-22	241.5	193.8	218.2	212.4	216.5
DEKALB DKC 66-06	232.3	175.5	218.4	188.1	203.6
DEKALB DKC 68-35	237.6	199.1	227.5	201.9	216.5
DEKALB DKC 70-45	223.3	189.7	218.0	209.7	210.2
Dyna-Gro D56TC44	241.3	181.8	218.9	190.0	208.0
Dyna-Gro D57TC29	246.4	165.9	200.0	176.2	197.1
Dyna-Gro D58VC74	246.9	177.1	215.6	186.8	206.6
Dyna-Gro D60TC45	286.8	188.2	242.4	185.6	225.7
Gateway 2716VT2P	229.6	188.8	233.9	212.4	216.2
Gateway 3919TRE	261.9	188.0	243.1	184.2	219.3
Innictis A1312VT2PRIB	240.9	194.0	192.3	195.5	205.7
Innictis A1542T	220.7	180.9	231.8	193.3	206.7
Innictis A1551VT2P	245.0	177.1	220.6	148.6	197.8
Innictis A1689T	244.9	185.5	226.5	• ^b	219.0
Innictis A1792T	262.2	198.2	227.0	186.0	218.4
Innictis A1993T	272.8	201.3	259.8	176.9	227.7
Integra 6342 TRE	223.8	178.7	210.9	185.8	199.8
Integra 6493 VT2P	220.8	166.6	197.4	• ^b	194.9
Integra 6624 TRE	248.6	176.1	228.5	196.2	212.4
Integra 6915 TRE	276.0	183.6	235.3	177.4	218.1
Pioneer P13777PWUE	233.7	175.2	215.3	202.1	206.6
Pioneer P13841PWUE	244.2	193.9	207.0	196.7	210.4
Pioneer P14830VYHR	236.7	172.9	215.7	172.0	199.3
Pioneer P1511YHR	249.3	147.8	208.3	176.9	195.6
Pioneer P1608YHR	212.9	167.6	196.9	162.3	184.9
Pioneer P1718VYHR	241.4	173.0	196.9	138.1	187.4
Pioneer P17677YHR	239.2	164.4	180.6	194.8	194.8
Progeny PGY 2010TRE	218.7	171.6	210.9	• ^b	200.4
Progeny PGY 2118VT2P	205.4	173.2	181.7	• ^b	186.8
Progeny PGY 2215TRE	250.5	159.0	214.9	169.5	198.5
Progeny PGY 2314TRE	243.0	183.4	226.0	215.7	217.0
Progeny PGY 9114VT2P	219.4	182.7	212.5	178.6	198.3

Continued

Table 7. Yields (bu./ac) of Corn Hybrids in the Arkansas Performance Tests, 2024, Continued.^a

Hybrid Name	Harrisburg	Marianna	Rohwer	Stuttgart	Mean
	-----bu./ac-----				
Progeny PGY 9117VT2P	238.9	167.5	208.1	172.6	196.7
Revere 114-P35	221.0	177.9	200.6	156.0	188.9
Revere 1627 TC	257.6	190.0	212.2	211.9	217.9
Revere 1839 TC	281.0	178.3	248.8	169.4	219.4
GRAND MEAN	242.3	180.5	216.6	187.1	207.6
LSD (5%)	21.8	17.9	20.6	19.4	3.1
C.V.	7.7	8.5	8.1	8.9	8.1

^a Harrisburg = Northeast Rice Research and Extension Center, Harrisburg, Ark.

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

Rohwer = Rohwer Research Station, Rohwer Ark.

Stuttgart = Rice Research and Extension Center, Stuttgart Ark.

^b Data not provided due to an insufficient number of replications.

Table 8. Yields (bu./ac) of Late Planted Corn Hybrids in the Arkansas Performance Tests, 2024.^{a,b}

Hybrid Name	Marianna	Rohwer	Stuttgart	Mean
-----bu./ac-----				
Axis Seed 64H70RIB Trecepta	188.1	204.1	195.4	195.9
Axis Seed 65W75RIB Trecepta	185.2	194.6	182.7	187.5
Axis Seed 66Z71RIB Trecepta	196.8	204.9	194.2	198.6
Axis Seed 69A79 Trecepta	198.5	209.2	191.0	199.6
BH 8939TRE	210.7	233.4	200.9	215.0
BH X23048VT2P	191.5	188.0	178.2	185.9
BH X24001TRE	212.0	187.5	191.8	197.1
BH X24004TRE	206.3	202.1	181.8	196.7
DEKALB DKC 64-22	196.6	185.9	181.4	187.9
DEKALB DKC 66-06	200.5	195.8	195.0	197.1
DEKALB DKC 68-35	204.0	202.0	178.6	194.9
DEKALB DKC 70-45	226.6	191.4	196.8	204.9
Dyna-Gro D56TC44	205.0	197.3	197.2	199.9
Dyna-Gro D57TC29	190.9	179.8	188.5	186.4
Dyna-Gro D58VC74	201.3	193.8	194.4	196.5
Dyna-Gro D60TC45	217.7	227.5	198.2	214.4
Gateway 2716VT2P	182.4	183.9	192.6	186.3
Gateway 3919TRE	214.3	232.7	193.5	213.5
Innictis A1312VT2PRIB	188.0	184.7	171.0	181.3
Innictis A1542T	213.9	212.4	199.6	208.6
Innictis A1551VT2P	180.4	181.6	184.1	182.1
Innictis A1689T	194.2	200.3	188.9	194.5
Innictis A1792T	199.6	215.3	187.2	200.7
Innictis A1993T	212.7	242.3	186.5	213.8
Integra 6342 TRE	171.4	176.2	190.0	179.2
Integra 6493	176.9	188.2	172.3	179.1
Integra 6624 TRE	209.9	211.4	193.8	205.1
Integra 6915 TRE	219.0	227.5	196.6	214.4
Pioneer P13777PWUE	189.8	179.4	184.8	184.7
Pioneer P13841PWUE	181.8	189.9	174.6	182.1
Pioneer P14830VYHR	192.9	194.8	184.4	190.7
Pioneer P1511YHR	187.2	192.0	180.7	186.6
Pioneer P1608YHR	189.2	160.7	172.9	174.3
Pioneer P1718VYHR	183.1	186.8	180.7	183.6
Pioneer P17677YHR	183.8	165.9	171.6	173.8
Progeny PGY 2010TRE	174.5	167.8	174.4	172.2
Progeny PGY 2118VT2P	171.9	144.4	167.7	161.3
Progeny PGY 2215TRE	190.1	180.6	181.1	183.9
Progeny PGY 2314TRE	183.8	192.0	194.9	190.2
Progeny PGY 9114VT2P	183.0	164.1	176.9	174.7

Continued

Table 8. Yields (bu./ac) of Late Planted Corn Hybrids in the Arkansas Performance Tests, 2024, Continued.^{a,b}

Hybrid Name	Marianna	Rohwer	Stuttgart	Mean
	-----bu./ac-----			
Progeny PGY 9117VT2P	177.0	172.0	160.7	169.9
Revere 114-P35	194.4	176.8	187.4	186.2
Revere 1627 TC	204.8	200.5	191.8	199.0
Revere 1839 TC	218.8	222.4	195.6	212.3
GRAND MEAN	195.5	194.2	186.0	191.9
LSD (5%)	16.2	27.3	15.1	11.6
C.V.	7.1	12.0	6.9	9.0

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

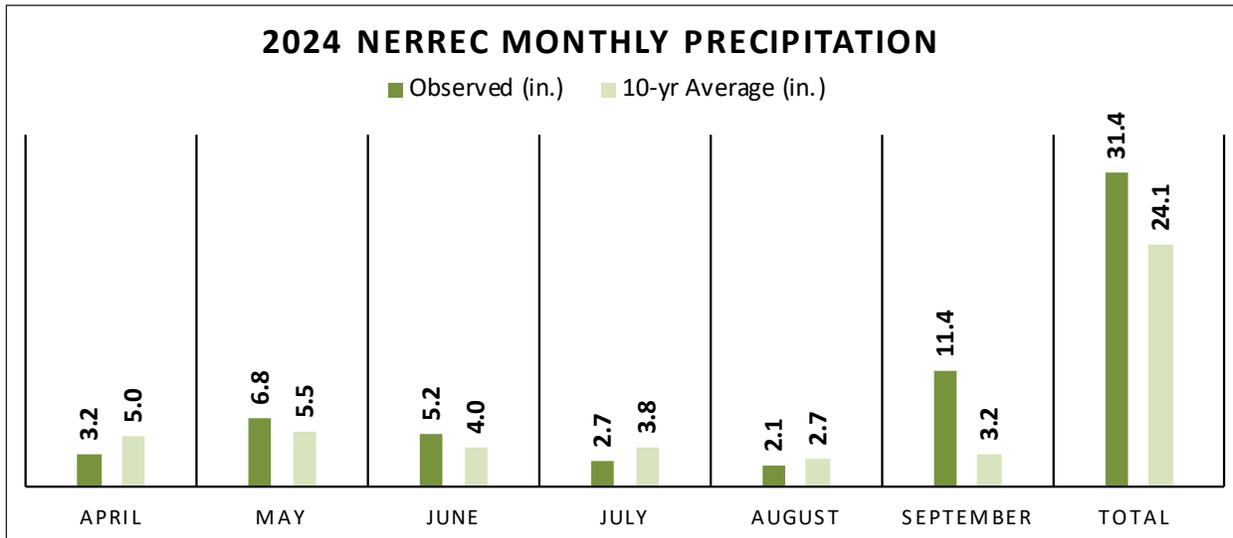
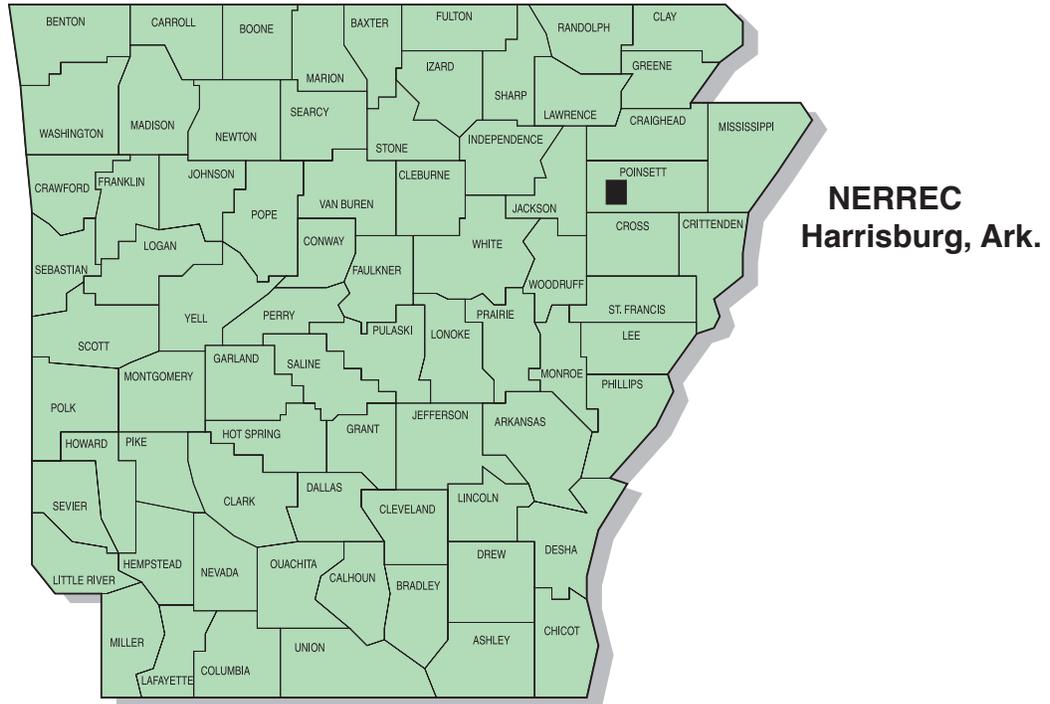
Rohwer = Rohwer Research Station, Rohwer Ark.

Stuttgart = Rice Research and Extension Center, Stuttgart Ark.

^b Tests planted between 5/20 and 5/22.

Harrisburg: Northeast Rice Research and Extension Center (NERREC)

Irrigated Corn Hybrids Trial Summary, 2024



Soil Series
Henry silt loam
Row Spacing
30 in.
Planting Date
April 24
Harvest Date
September 5

Irrigation Dates	June 11, 24; July 1, 16, 25; August 7
Fertilizer Application(s)	Date
0-60-90-5-10 150 lb/ac N 150 lb/ac N	April 16 V2 growth stage Tassel
Herbicide Application(s)	Date
2 qt/ac Atrazine® 4L 1.5 pt/ac Priority® 8E 0.5 qt/ac Atrazine® 4L 1.0 pt/ac Priority® 8E	April 25 April 25 May 29 May 29

Table 9. Performance of Irrigated Corn Hybrids, Harrisburg, Ark., 2024.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Lodging ^e	Moisture
		Avg.		Height	Cover		
		----- (bu./ac) -----		(in.)			(%)
Dyna-Gro D60TC45	286.8	•	•	53.7	1.3	4.0	21.2
Revere 1839 TC	281.0	277.3	261.1	50.0	1.7	2.3	20.5
Integra 6915 TRE	276.0	•	•	53.3	1.0	0.8	21.4
Innvictis A1993T	272.8	•	•	54.0	2.0	1.5	21.3
Axis Seed 69A79 Trecepta	262.4	264.4	•	53.7	1.7	1.5	21.2
Innvictis A1792T	262.2	•	•	49.0	1.3	4.6	21.3
Gateway 3919TRE	261.9	•	•	52.0	1.0	2.5	20.8
Revere 1627 TC	257.6	258.3	244.5	47.7	1.7	2.8	20.6
BH 8939TRE	256.4	•	•	52.3	1.3	3.8	20.8
Axis Seed 66Z71RIB Trecepta	255.7	•	•	48.7	1.3	5.0	20.4
BH X24001TRE	253.7	•	•	46.7	1.7	3.8	21.1
BH X24004TRE	250.8	•	•	48.3	2.3	1.5	20.6
Progeny PGY 2215TRE	250.5	247.2	239.5	46.7	2.0	4.5	20.9
Pioneer P1511YHR	249.3	252.6	233.5	49.3	1.0	7.8	19.9
Integra 6624 TRE	248.6	•	•	46.0	1.0	2.8	18.1
Dyna-Gro D58VC74	246.9	236.4	•	45.3	2.0	2.3	20.9
Dyna-Gro D57TC29	246.4	255.1	•	45.7	1.0	3.0	19.7
Innvictis A1551VT2P	245.0	239.8	224.4	44.3	1.3	3.0	19.2
Innvictis A1689T	244.9	245.0	217.0	47.7	1.0	3.3	19.8
Pioneer P13841PWUE	244.2	•	•	43.0	1.0	5.8	18.0
Progeny PGY 2314TRE	243.0	257.8	•	44.3	1.3	4.0	20.0
Axis Seed 64H70RIB Trecepta	242.1	•	•	44.0	1.3	5.8	19.2
DEKALB DKC 64-22	241.5	250.7	239.9	43.3	1.3	4.3	19.4
Pioneer P1718VYHR	241.4	257.5	238.5	50.3	1.0	3.3	20.8
Dyna-Gro D56TC44	241.3	255.2	•	45.0	1.3	3.5	18.0
Innvictis A1312VT2PRIB	240.9	•	•	47.0	1.0	2.8	18.7
Pioneer P17677YHR	239.2	246.9	•	48.0	1.3	3.8	20.3
Progeny PGY 9117VT2P	238.9	240.7	223.1	45.7	1.3	2.3	20.2
DEKALB DKC 68-35	237.6	248.7	238.8	42.7	1.3	5.0	20.5
Pioneer P14830VYHR	236.7	•	•	42.7	1.3	9.3	18.7
Pioneer P13777PWUE	233.7	•	•	39.7	1.3	5.5	19.7
DEKALB DKC 66-06	232.3	240.1	226.0	45.3	1.3	4.9	19.3
Gateway 2716VT2P	229.6	•	•	48.3	1.0	5.6	20.0
BH X23048VT2P	228.1	•	•	47.0	2.0	4.5	21.0
Integra 6342 TRE	223.8	•	•	43.3	1.3	6.3	18.5
DEKALB DKC 70-45	223.3	197.9	208.1	48.7	1.0	1.6	21.0
Revere 114-P35	221.0	•	•	42.7	1.0	6.8	19.4
Integra 6493	220.8	•	•	44.3	1.3	4.0	18.7
Innvictis A1542T	220.7	248.5	•	48.7	1.3	7.3	18.1
Progeny PGY 9114VT2P	219.4	229.5	222.3	41.7	1.0	6.0	18.1

Continued

Table 9. Performance of Irrigated Corn Hybrids, Harrisburg, Ark., 2024, Continued.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Lodging ^e	Moisture
		Avg.		Height	Cover		
		----- (bu./ac) -----		(in.)			(%)
Progeny PGY 2010TRE	218.7	233.2	•	48.0	2.0	3.3	16.4
Axis Seed 65W75RIB Trecepta	216.7	244.8	•	44.0	1.0	9.8	20.1
Pioneer P1608YHR	212.9	•	•	45.7	1.3	4.5	20.1
Progeny PGY 2118VT2P	205.4	227.8	218.7	47.3	1.0	2.3	20.9
Mean	242.3	•	•	46.9	1.3	4.1	19.9
LSD (5%)	21.8	•	•	3.6	0.6	4.0	1.0
C.V.	7.7	•	•	5.7	33.9	82.2	4.1

^a Average yield for 2023 and 2024.

^b Average yield for 2022, 2023, and 2024.

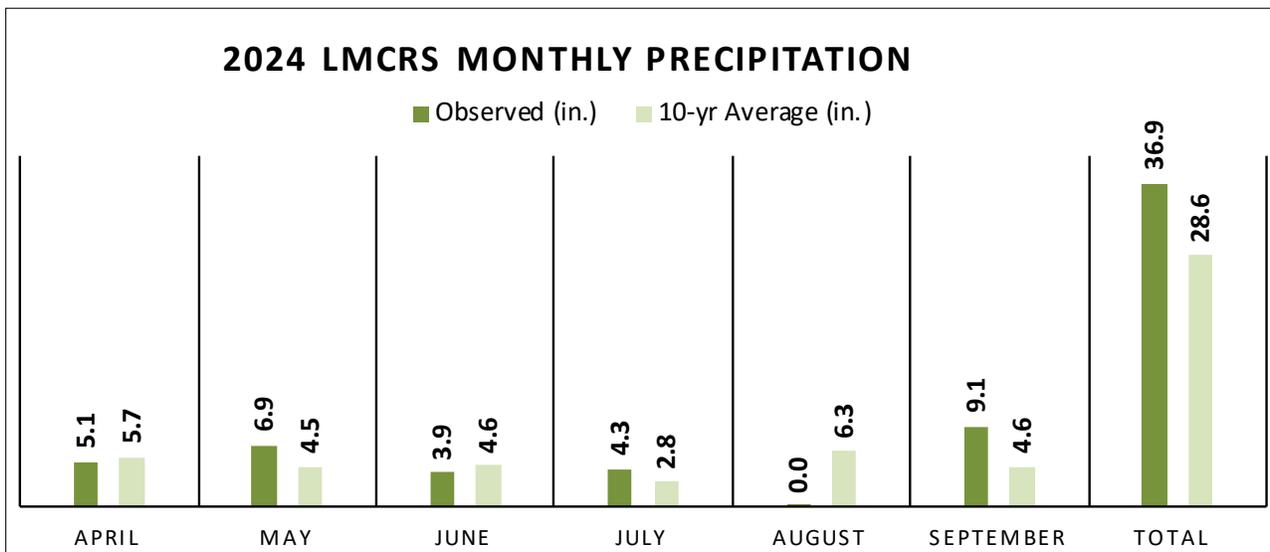
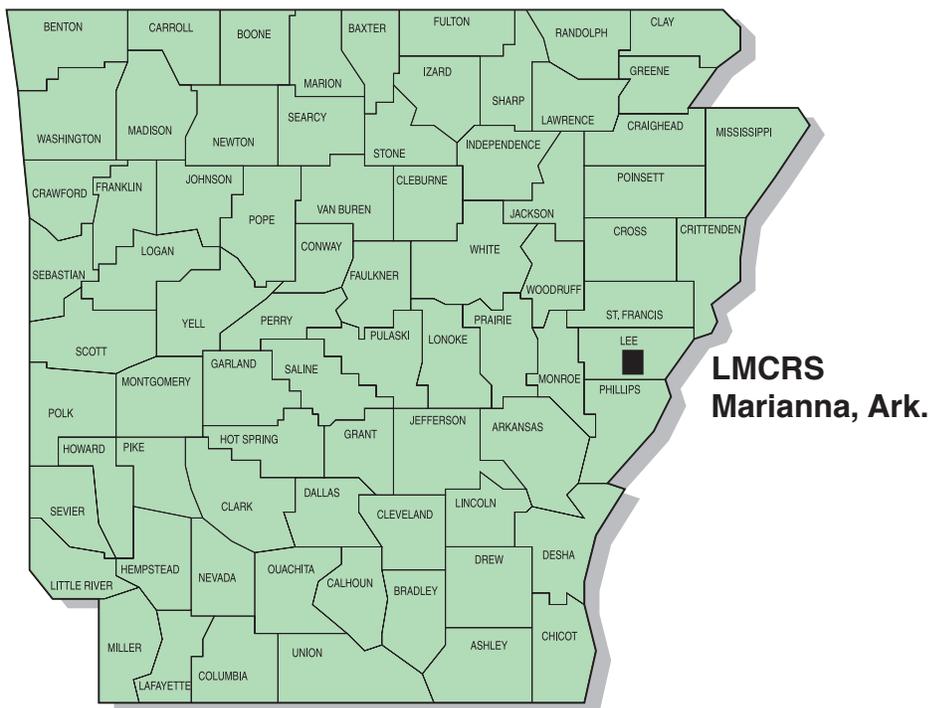
^c The average distance in inches from the soil surface to the point of attachment of upper ear.

^d 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.

^e Average number of plants broken below an ear at harvest.

Lon Mann Cotton Research Station (LMCRS), Marianna, Ark.

Irrigated Corn Hybrids Trial Summary, 2024



Soil Series
Calloway silt loam
Row Spacing
38 in.
Planting Date
April 22
Harvest Date
August 28

Irrigation Dates	June 11, July 2, August 6
Fertilizer Application(s)	Date
50-70-24-10	April 17
400 lb/ac 46-0-0	May 13
Herbicide Application(s)	Date
21 oz/ac Dual Magnum®	April 23
1.0 qt/ac Atrazine®	May 13

Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2024.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Moisture
		Avg.	Avg.	Height	Cover	
	-----	(bu./ac)-----		(in.)		(%)
Inn victis A1993T	201.3	•	•	55.0	1.0	16.6
DEKALB DKC 68-35	199.1	212.8	210.0	44.3	1.0	13.4
Inn victis A1792T	198.2	•	•	50.7	1.0	14.3
Inn victis A1312VT2PRIB	194.0	•	•	47.0	1.3	13.3
Pioneer P13841PWUE	193.9	•	•	42.3	1.0	12.6
DEKALB DKC 64-22	193.8	204.9	199.7	45.7	1.0	12.0
Axis Seed 69A79 Trecepta	192.7	210.8	•	52.3	1.0	15.5
BH 8939TRE	192.1	•	•	52.7	1.0	15.7
Revere 1627 TC	190.0	205.3	199.9	46.0	1.3	14.2
DEKALB DKC 70-45	189.7	206.0	202.2	46.3	1.0	15.1
BH X23048VT2P	188.9	•	•	43.0	1.3	13.6
Gateway 2716VT2P	188.8	•	•	48.0	1.0	13.8
Dyna-Gro D60TC45	188.2	•	•	53.3	1.0	14.8
Gateway 3919TRE	188.0	•	•	52.3	1.0	15.6
Axis Seed 66Z71RIB Trecepta	187.8	•	•	48.3	1.0	13.8
BH X24004TRE	186.5	•	•	48.7	1.0	14.3
Inn victis A1689T	185.5	200.3	200.3	44.0	1.0	12.9
Integra 6915 TRE	183.6	•	•	51.0	1.0	16.0
Axis Seed 65W75RIB Trecepta	183.5	200.8	•	44.3	1.0	14.2
Progeny PGY 2314TRE	183.4	197.5	•	46.7	1.0	12.9
Progeny PGY 9114VT2P	182.7	197.5	194.2	42.3	1.0	12.0
Dyna-Gro D56TC44	181.8	203.3	•	46.0	1.0	13.3
Inn victis A1542T	180.9	190.7	•	45.0	1.0	13.4
Integra 6342 TRE	178.7	•	•	43.7	1.0	11.5
Revere 1839 TC	178.3	202.5	203.3	55.0	1.0	16.0
Revere 114-P35	177.9	•	•	44.7	1.0	13.3
Inn victis A1551VT2P	177.1	191.7	193.3	46.3	1.0	13.1
Dyna-Gro D58VC74	177.1	190.4	•	47.3	1.0	14.4
Integra 6624 TRE	176.1	•	•	45.0	1.0	13.5
DEKALB DKC 66-06	175.5	182.2	185.9	44.3	1.0	13.5
Pioneer P13777PWUE	175.2	•	•	44.0	1.0	13.4
BH X24001TRE	175.0	•	•	50.3	1.0	13.6
Progeny PGY 2118VT2P	173.2	187.8	195.0	45.3	1.7	15.3
Pioneer P1718VYHR	173.0	195.4	200.2	46.3	1.0	13.0
Pioneer P14830VYHR	172.9	•	•	45.0	1.0	12.7
Progeny PGY 2010TRE	171.6	182.8	•	40.3	1.0	11.4
Pioneer P1608YHR	167.6	•	•	46.0	1.0	13.7
Progeny PGY 9117VT2P	167.5	190.9	194.7	45.0	1.3	13.3
Integra 6493	166.6	•	•	44.3	1.0	12.6
Dyna-Gro D57TC29	165.9	192.0	•	42.3	1.0	13.2

Continued

Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2024, Continued.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Moisture
		Avg.		Height	Cover	
		----- (bu./ac) -----		(in.)		(%)
Axis Seed 64H70RIB Trecepta	165.6	•	•	40.7	1.0	13.2
Pioneer P17677YHR	164.4	185.2	•	48.0	1.0	12.7
Progeny PGY 2215TRE	159.0	185.3	187.4	44.0	1.0	13.4
Pioneer P1511YHR	147.8	177.9	184.7	45.7	1.0	14.1
GRAND MEAN	180.5	•	•	46.6	1.0	13.7
LSD (5%)	17.9	•	•	3.3	0.3	1.0
C.V.	8.5	•	•	5.2	18.7	6.2

^a Average yield for 2023 and 2024.

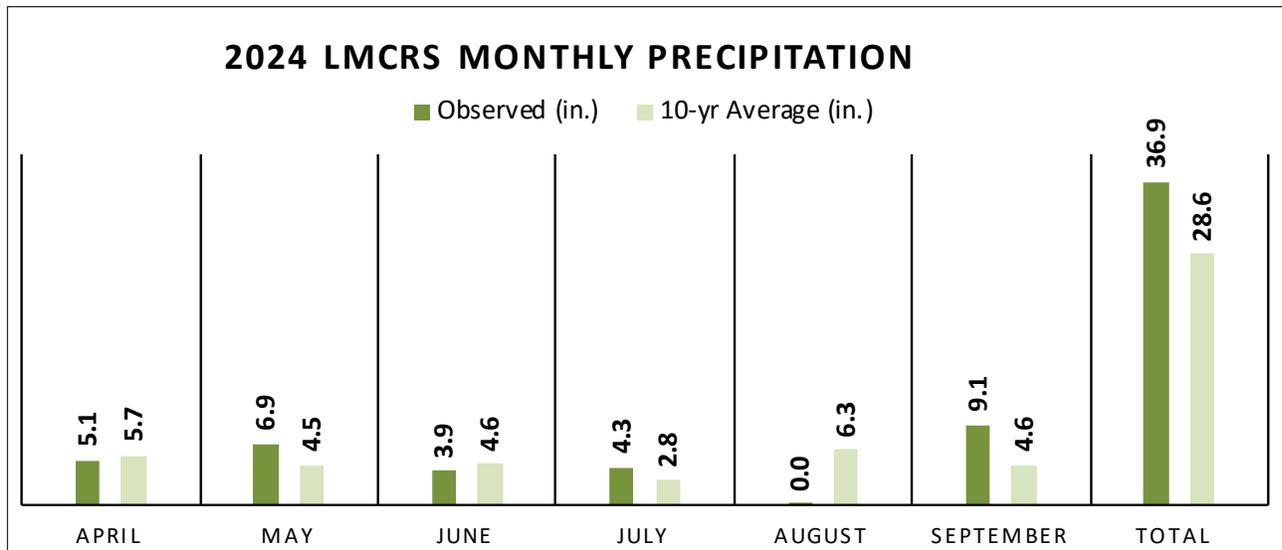
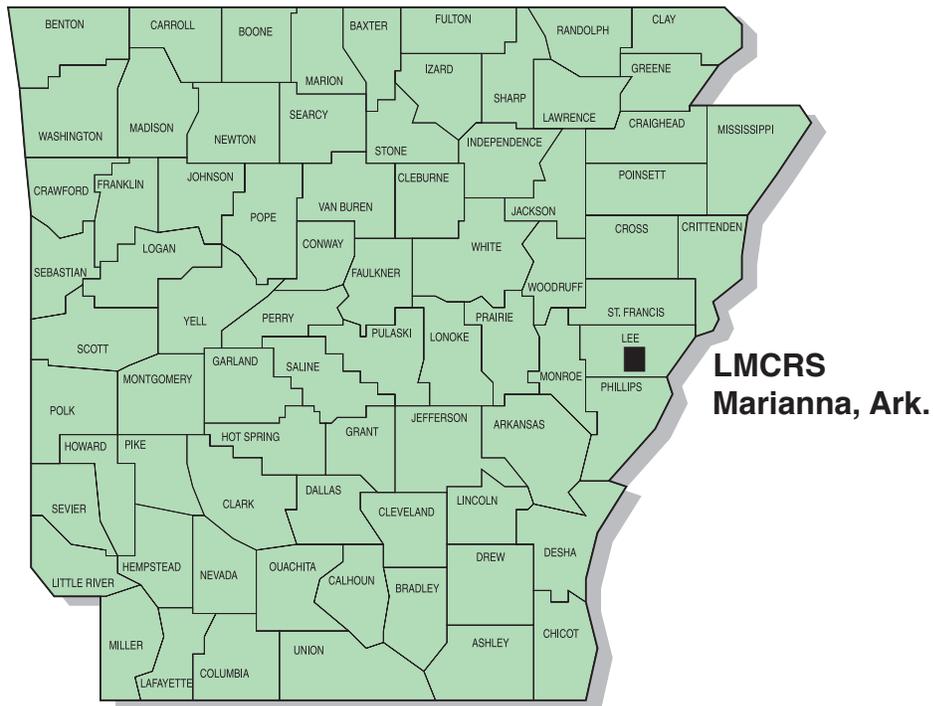
^b Average yield for 2022, 2023, and 2024.

^c The average distance in inches from the soil surface to the point of attachment of upper ear.

^d 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.

Lon Mann Cotton Research Station (LMCRS), Marianna, Ark.

Irrigated Late Planted Corn Hybrids Trial Summary, 2024



Soil Series
Calloway silt loam
Row Spacing
38 in.
Planting Date
May 20
Harvest Date
September 24

Irrigation Dates	June 13, 25; July 2, 12; August 6, 28
Fertilizer Application(s)	Date
60-70-70-24	May 20
400 lb/ac 46-0-0	May 30
Herbicide Application(s)	Date
2.1 qt/ac Storen®	June 3
1.0 qt/ac Glyphosate®	June 3
2.0 qt/ac Atrazine®	June 3
1.0 oz/ac Permit Plus®	June 3

Table 11. Performance of Irrigated Late Planted Corn Hybrids, Marianna, Ark., 2024.

Brand/Hybrid	Yield (bu./ac)	Ear ^a	Plant ^b	Test			Southern	Northern	Southern	Curvularia	Gray Leaf
		Height	Height	Weight	Moisture	Greenness ^c	Corn Leaf	Corn Leaf			
		------(in.)-----		(lb/bu.)	(%)		Blight ^d	Blight ^d	Rust ^d	Leaf Spot ^d	Spot ^d
Axis Seed 64H70RIB Trecepta	188.1	47.0	113.5	55.6	19.7	7.3	1.2	0.2	2.8	2.5	0.0
Axis Seed 65W75RIB Trecepta	185.2	51.0	114.5	56.5	20.8	6.0	2.2	0.2	3.5	3.0	0.2
Axis Seed 66Z71RIB Trecepta	196.8	54.0	120.0	56.4	20.2	4.0	0.0	0.8	4.0	1.0	0.8
Axis Seed 69A79 Trecepta	198.5	55.0	115.5	55.3	23.0	4.3	0.5	0.0	2.2	2.5	0.2
BH 8939TRE	210.7	55.0	120.5	55.9	22.9	4.7	1.2	0.0	1.8	4.0	0.2
BH X23048VT2P	191.5	51.0	112.5	56.6	22.0	4.0	1.0	0.0	3.0	2.0	0.0
BH X24001TRE	212.0	55.0	120.0	68.9	21.0	5.7	0.5	0.0	1.8	2.8	0.0
BH X24004TRE	206.3	55.0	120.0	56.7	20.4	5.7	0.8	1.5	2.5	2.0	0.5
DEKALB DKC 64-22	196.6	50.0	113.5	56.4	20.0	6.7	2.0	0.0	0.5	4.8	1.2
DEKALB DKC 66-06	200.5	48.0	117.0	56.5	19.5	6.3	1.0	0.0	3.5	2.2	0.0
DEKALB DKC 68-35	204.0	47.0	114.5	60.6	21.2	6.0	1.2	0.2	4.2	2.8	0.0
DEKALB DKC 70-45	226.6	49.0	117.0	57.1	22.5	5.3	0.2	0.0	1.2	1.8	0.0
Dyna-Gro D56TC44	205.0	51.0	118.0	56.9	20.5	7.3	0.5	0.5	5.2	7.8	0.5
Dyna-Gro D57TC29	190.9	50.0	118.0	54.0	20.6	7.3	1.8	1.0	5.0	4.8	0.0
Dyna-Gro D58VC74	201.3	51.0	115.0	58.9	20.9	6.3	0.8	0.0	2.8	2.0	0.0
Dyna-Gro D60TC45	217.7	52.0	120.0	55.8	22.4	5.0	0.2	0.0	2.5	3.2	0.8
Gateway 2716VT2P	182.4	50.0	118.0	56.5	21.4	4.7	1.5	0.8	2.0	3.0	0.0
Gateway 3919TRE	214.3	53.0	121.0	55.0	23.4	5.7	0.8	0.2	3.0	3.0	0.5
Innvictis A1312VT2PRIB	188.0	49.0	112.0	54.5	21.4	6.7	2.5	0.0	3.5	2.5	0.8
Innvictis A1542T	213.9	49.0	113.5	56.2	19.7	7.3	2.2	0.0	4.5	7.2	0.0
Innvictis A1551VT2P	180.4	49.0	112.0	55.9	21.0	6.3	2.0	0.0	3.0	2.5	0.0
Innvictis A1689T	194.2	51.0	113.5	57.3	20.1	6.0	1.5	0.0	1.8	3.0	0.0
Innvictis A1792T	199.6	53.0	117.0	57.7	21.1	7.0	1.5	0.0	1.8	1.5	0.0
Innvictis A1993T	212.7	56.0	118.0	55.7	23.4	5.0	0.5	0.0	3.0	4.2	0.0
Integra 6342 TRE	171.4	49.0	111.5	56.8	18.4	8.3	0.0	0.0	3.5	2.5	0.0
Integra 6493	176.9	50.0	112.0	55.5	20.3	4.3	1.5	0.5	2.2	5.2	1.5
Integra 6624 TRE	209.9	50.0	117.0	56.9	20.3	7.3	2.2	0.2	4.0	7.0	0.5
Integra 6915 TRE	219.0	51.0	122.0	55.4	22.6	4.7	1.0	0.8	3.0	3.5	0.5
Pioneer P13777PWUE	189.8	43.0	113.5	56.6	20.2	8.3	1.2	0.0	1.8	3.0	0.0
Pioneer P13841PWUE	181.8	48.0	108.0	56.6	19.1	8.7	1.5	0.5	3.8	2.2	1.5

Continued

Table 11. Performance of Irrigated Late Planted Corn Hybrids, Marianna, Ark., 2024, Continued.

Brand/Hybrid	Yield (bu./ac)	Ear ^a	Plant ^b	Test	Moisture (%)	Greenness ^c	Southern	Northern	Southern	Curvularia	Gray Leaf
		Height	Height	Weight			Corn Leaf	Corn Leaf			
		------(in.)-----	(lb/bu.)				Blight ^d	Blight ^d			
Pioneer P14830VYHR	192.9	50.0	110.5	55.0	19.9	7.0	2.0	0.0	4.5	2.8	0.0
Pioneer P1511YHR	187.2	52.0	114.5	56.4	21.6	6.3	0.5	0.5	3.5	2.8	0.0
Pioneer P1608YHR	189.2	48.0	115.0	58.4	20.5	5.3	0.2	0.0	4.8	3.8	0.2
Pioneer P1718VYHR	183.1	52.0	122.0	55.0	20.8	6.0	0.2	0.0	3.0	4.2	0.2
Pioneer P17677YHR	183.8	49.0	123.0	57.6	19.5	5.3	0.0	0.0	6.2	1.8	0.2
Progeny PGY 2010TRE	174.5	46.0	111.0	54.8	17.8	8.0	0.8	1.2	3.5	5.2	0.8
Progeny PGY 2118VT2P	171.9	49.0	114.0	57.5	22.5	6.3	0.0	0.0	3.8	1.5	0.0
Progeny PGY 2215TRE	190.1	50.0	122.0	56.8	20.0	8.3	3.2	0.0	3.5	2.5	0.2
Progeny PGY 2314TRE	183.8	50.0	117.0	56.6	20.8	6.3	1.2	0.0	2.8	2.8	0.2
Progeny PGY 9114VT2P	183.0	49.0	108.5	55.5	19.6	4.3	1.8	0.5	2.8	5.0	0.5
Progeny PGY 9117VT2P	177.0	48.0	114.0	56.0	22.2	6.7	2.2	0.0	4.2	2.2	0.0
Revere 114-P35	194.4	48.0	120.5	56.0	20.3	6.0	0.8	0.0	3.0	1.2	1.2
Revere 1627 TC	204.8	51.0	118.0	56.1	21.0	5.7	1.0	0.5	3.0	2.2	1.2
Revere 1839 TC	218.8	53.0	121.0	55.1	22.7	5.0	2.2	0.0	2.0	4.2	0.8
GRAND MEAN	195.5	50.4	116.1	56.6	20.9	6.1	1.2	0.2	3.1	3.2	0.4
LSD (5%)	16.2	4.1	5.3	4.3	1.0	1.3	1.1	0.7	1.5	1.1	0.8
C.V.	7.1	4.9	2.7	6.6	3.9	•	•	•	•	•	•

^a The average distance in inches from the soil surface to the point of attachment of upper ear.

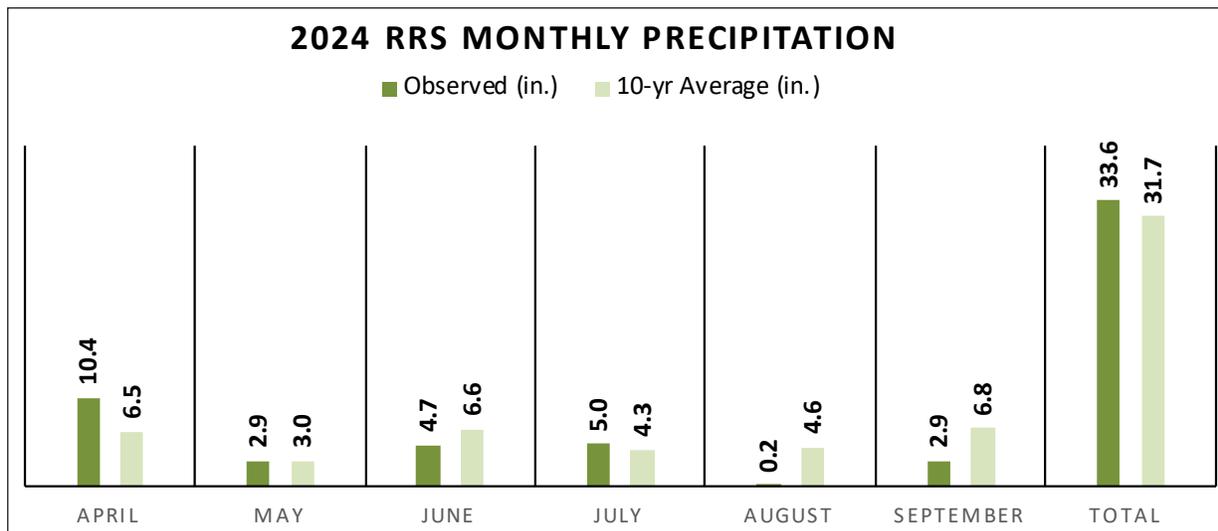
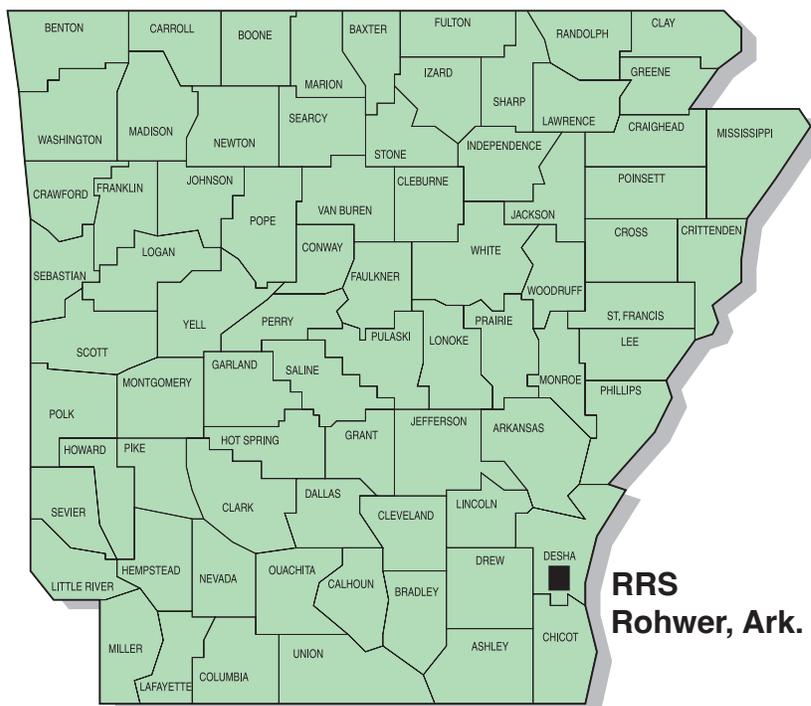
^b The average distance in inches from the soil surface to the top of the plant.

^c Rated on a 1–9 scale, where 1 = plants were completely green and 9 = plants were completely brown. Ratings taken on September 10.

^d Ratings done on a 0–9 scale where 9 is most severe.

Rohwer: Rohwer Research Station (RRS)

Irrigated Corn Hybrids Trial Summary, 2024



Soil Series
Hebert silt loam
Previous Crop
Soybean
Row Spacing
38 in.
Planting Date
April 16
Harvest Date
August 28

Irrigation Dates	June 14, 24; July 3, 15; August 5
Fertilizer Application(s)	Date
218 lb/ac N as 32% UAN	May 24
2.4 qt/ac Zn	May 24
Herbicide Application(s)	Date
1.0 qt/ac Reckon®	April 17
1.0 qt/ac Glyphosate®	April 17
1.0 qt/ac Atrazine®	April 17
1.5 pt/ac Priority®	April 17
1.0 qt/ac Atrazine®	May 11
2.5 qt/ac Acuron®	May 11

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2024.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Lodging ^e	Moisture
		Avg.		Height	Cover		
		----- (bu./ac) -----		(in.)			(%)
Innvictis A1993T	259.8	•	•	40.0	1.0	1.0	15.5
Revere 1839 TC	248.8	236.0	231.5	41.0	1.0	2.0	14.9
Gateway 3919TRE	243.1	•	•	42.7	1.0	2.0	16.0
Dyna-Gro D60TC45	242.4	•	•	43.7	1.0	1.5	15.6
BH 8939TRE	239.4	•	•	43.7	1.0	1.8	15.0
Integra 6915 TRE	235.3	•	•	43.3	1.0	0.5	16.0
Gateway 2716VT2P	233.9	•	•	39.3	1.0	4.0	13.1
BH X24001TRE	232.0	•	•	40.3	1.0	2.5	14.8
Innvictis A1542T	231.8	218.5	•	39.7	1.0	5.5	12.6
Integra 6624 TRE	228.5	•	•	37.0	1.0	2.8	12.7
DEKALB DKC 68-35	227.5	218.4	223.4	33.7	1.0	4.8	12.9
Innvictis A1792T	227.0	•	•	40.0	1.3	4.3	14.2
Innvictis A1689T	226.5	220.7	216.2	39.7	1.0	1.7	12.4
Progeny PGY 2314TRE	226.0	225.4	•	38.7	1.0	6.0	12.6
Innvictis A1551VT2P	220.6	210.0	208.4	36.0	1.0	0.8	13.5
Dyna-Gro D56TC44	218.9	214.7	•	36.0	1.0	4.0	12.8
BH X24004TRE	218.9	•	•	37.0	1.0	1.0	14.1
DEKALB DKC 66-06	218.4	214.6	221.1	38.0	1.0	1.0	13.7
DEKALB DKC 64-22	218.2	219.0	218.6	37.3	1.0	1.8	11.7
DEKALB DKC 70-45	218.0	219.5	213.1	34.7	1.0	4.8	13.8
Pioneer P14830VYHR	215.7	•	•	35.0	1.0	1.5	13.2
Dyna-Gro D58VC74	215.6	212.4	•	38.3	1.0	1.3	13.5
Pioneer P13777PWUE	215.3	•	•	36.0	1.0	1.8	13.0
Progeny PGY 2215TRE	214.9	208.1	208.5	38.0	1.3	2.3	12.6
Axis Seed 69A79 Trecepta	214.9	213.6	•	42.3	1.0	1.0	16.1
BH X23048VT2P	213.6	•	•	36.0	1.0	2.8	12.8
Axis Seed 65W75RIB Trecepta	212.6	210.9	•	36.0	1.0	2.5	13.6
Progeny PGY 9114VT2P	212.5	213.3	209.5	36.7	1.0	2.0	11.9
Revere 1627 TC	212.2	217.7	217.1	37.3	1.0	2.8	13.3
Progeny PGY 2010TRE	210.9	199.4	•	35.0	1.0	2.3	11.7
Integra 6342 TRE	210.9	•	•	34.7	1.3	3.3	12.3
Pioneer P1511YHR	208.3	202.8	208.2	38.3	1.0	3.9	14.0
Progeny PGY 9117VT2P	208.1	202.8	204.0	33.7	1.0	4.3	13.4
Pioneer P13841PWUE	207.0	•	•	31.7	1.0	2.0	13.0
Axis Seed 64H70RIB Trecepta	201.8	•	•	35.0	1.0	3.5	12.7
Revere 114-P35	200.6	•	•	33.0	1.0	2.5	13.0
Dyna-Gro D57TC29	200.0	205.2	•	34.7	1.0	7.0	13.3
Integra 6493	197.4	•	•	37.7	1.0	4.0	12.6
Pioneer P1718VYHR	196.9	201.1	212.4	39.7	1.0	2.5	14.8
Pioneer P1608YHR	196.9	•	•	37.3	1.0	3.3	12.9

Continued

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2024, Continued.

Brand/Hybrid	Yield	2-Year ^a	3-Year ^b	Ear ^c	Tip ^d	Lodging ^e	Moisture
		Avg. (bu./ac)		Height (in.)	Cover		
Axis Seed 66Z71RIB Trecepta	194.9	•	•	37.7	1.0	1.8	13.5
Innvictis A1312VT2PRIB	192.3	•	•	36.0	1.0	1.8	13.2
Progeny PGY 2118VT2P	181.7	190.4	198.1	35.7	1.0	2.3	14.7
Pioneer P17677YHR	180.6	183.2	•	41.3	1.0	1.5	13.1
GRAND MEAN	216.6	•	•	37.7	1.0	2.7	13.5
LSD (5%)	20.6	•	•	4.3	0.2	2.4	0.7
C.V.	8.1	•	•	8.3	14.7	76.8	4.1

^a Average yield for 2023 and 2024.

^b Average yield for 2022, 2023, and 2024.

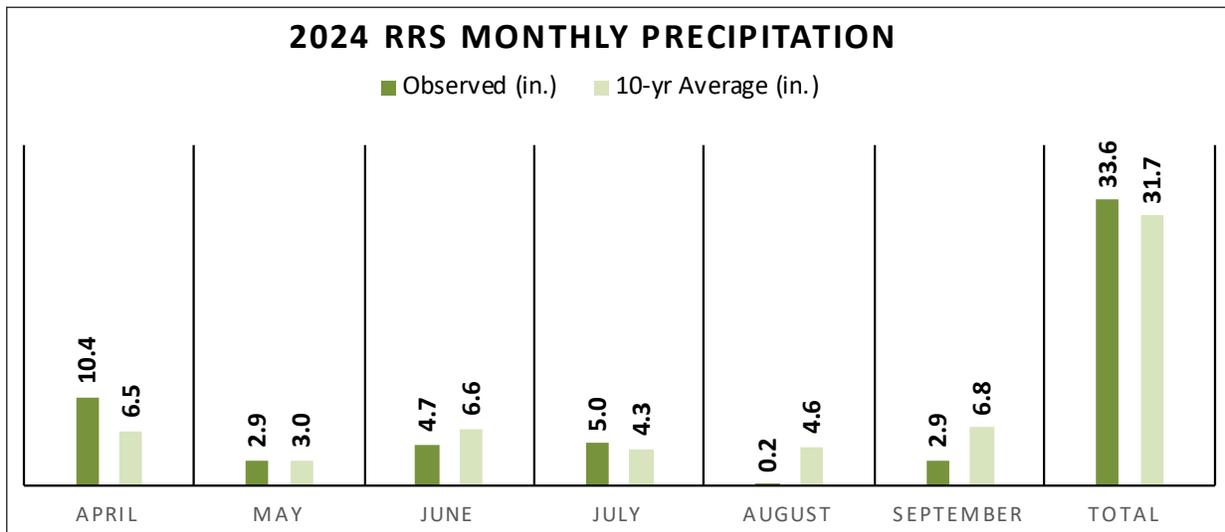
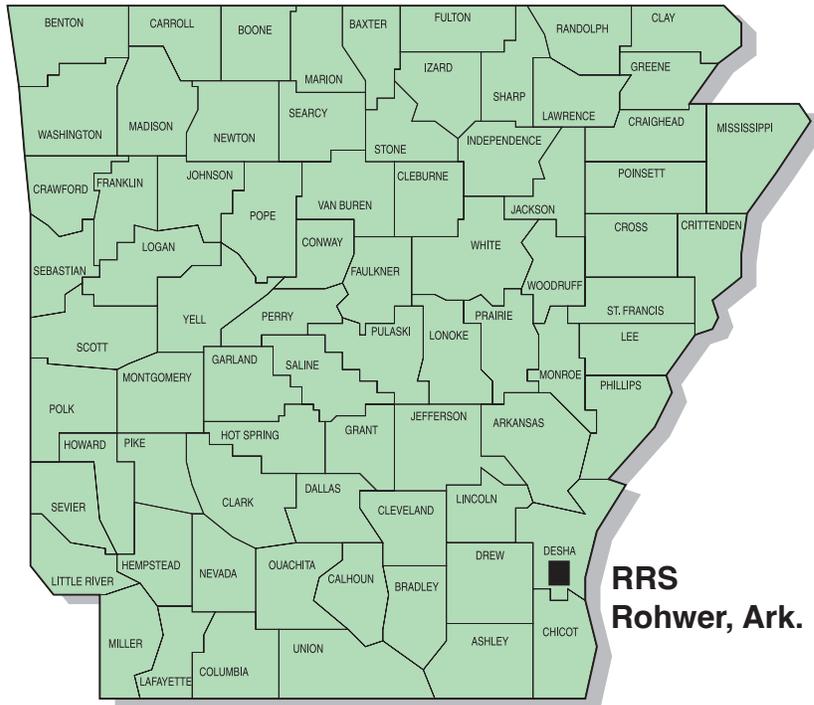
^c The average distance in inches from the soil surface to the point of attachment of upper ear.

^d 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.

^e Average number of plants broken below an ear at harvest.

Rohwer: Rohwer Research Station (RRS)

Irrigated Late Planted Corn Hybrids Trial Summary, 2024



Soil Series
Hebert silt loam
Row Spacing
38 in.
Planting Date
May 22
Harvest Date
October 3

Irrigation Dates	June 14, 24; July 3, 16; August 6
Fertilizer Application(s)	Date
220 lb/ac N as 32% UAN	June 10
1.0 qt/ac Zn	June 10
Herbicide Application(s)	Date
2.5 qt/ac Acuron®	June 13
1.0 qt/ac Atrazine®	June 13

Table 13. Performance of Irrigated Late Planted Corn Hybrids, Rohwer, Ark., 2024.

Brand/Hybrid	Yield (bu./ac)	Test Weight (lb/bu.)	Moisture (%)	Southern	Northern	Southern Rust ^a	Curvularia Leaf Spot ^a
				Corn Leaf Blight ^a	Corn Leaf Blight ^a		
Axis Seed 64H70RIB Trecepta	204.1	59.7	11.9	1.0	0.5	3.0	3.0
Axis Seed 65W75RIB Trecepta	194.6	59.9	12.2	1.0	1.0	3.0	3.0
Axis Seed 66Z71RIB Trecepta	204.9	60.6	12.0	1.0	0.2	2.5	2.2
Axis Seed 69A79 Trecepta	209.2	60.5	12.0	0.8	0.8	3.2	2.0
BH 8939TRE	233.4	61.1	12.1	0.8	0.2	2.5	2.8
BH X23048VT2P	188.0	60.5	12.2	1.0	0.5	2.8	3.0
BH X24001TRE	187.5	62.0	12.4	0.8	0.2	3.0	2.0
BH X24004TRE	202.1	61.5	11.8	1.0	0.2	2.5	2.0
DEKALB DKC 64-22	185.9	59.9	12.1	1.0	0.8	1.5	2.8
DEKALB DKC 66-06	195.8	59.8	12.2	1.0	0.8	3.5	2.0
DEKALB DKC 68-35	202.0	61.9	12.4	0.8	0.8	3.0	2.5
DEKALB DKC 70-45	191.4	61.9	12.5	1.2	0.5	3.2	2.0
Dyna-Gro D56TC44	197.3	60.3	12.2	1.5	1.0	4.2	3.0
Dyna-Gro D57TC29	179.8	59.5	12.4	1.2	1.0	3.8	2.2
Dyna-Gro D58VC74	193.8	60.6	12.0	1.0	0.5	3.0	2.0
Dyna-Gro D60TC45	227.5	61.1	12.1	0.8	0.2	2.8	2.2
Gateway 2716VT2P	183.9	60.3	12.7	1.2	0.2	2.2	2.0
Gateway 3919TRE	232.7	60.8	12.2	1.0	0.5	2.8	2.8
Innvictis A1312VT2PRIB	184.7	59.2	12.9	1.2	1.0	3.2	2.2
Innvictis A1542T	212.4	60.2	12.4	1.0	1.2	3.2	3.2
Innvictis A1551VT2P	181.6	59.7	12.1	1.0	0.8	4.0	2.5
Innvictis A1689T	200.3	60.8	11.6	1.0	0.0	2.2	2.2
Innvictis A1792T	215.3	62.6	12.5	0.8	0.5	2.5	2.2
Innvictis A1993T	242.3	61.0	12.3	1.2	0.5	2.2	2.2
Integra 6342 TRE	176.2	60.1	12.1	1.0	0.8	3.2	2.5
Integra 6493	188.2	60.2	11.7	1.0	0.2	3.2	3.5
Integra 6624 TRE	211.4	60.3	12.2	1.0	0.8	3.5	4.0
Integra 6915 TRE	227.5	60.9	12.3	0.5	0.8	2.5	1.8
Pioneer P13777PWUE	179.4	59.8	12.8	0.8	0.2	2.0	2.5
Pioneer P13841PWUE	189.9	59.9	12.5	0.8	0.5	2.8	2.5
Pioneer P14830VYHR	194.8	60.2	12.7	1.0	0.2	2.8	2.8
Pioneer P1511YHR	192.0	61.2	12.4	1.0	0.5	2.2	2.2
Pioneer P1608YHR	160.7	62.5	12.5	1.0	0.8	3.2	2.5
Pioneer P1718VYHR	186.8	59.8	12.7	1.0	0.2	1.8	2.5
Pioneer P17677YHR	165.9	62.0	12.4	1.2	1.8	3.8	2.8
Progeny PGY 2010TRE	167.8	58.7	11.9	1.0	1.2	4.2	2.2
Progeny PGY 2118VT2P	144.4	62.0	13.4	1.0	0.5	2.8	2.8
Progeny PGY 2215TRE	180.6	60.8	11.9	1.0	1.0	3.8	2.2
Progeny PGY 2314TRE	192.0	60.1	12.8	1.0	1.0	3.0	2.8
Progeny PGY 9114VT2P	164.1	60.4	12.2	1.0	0.5	2.8	3.2

Continued

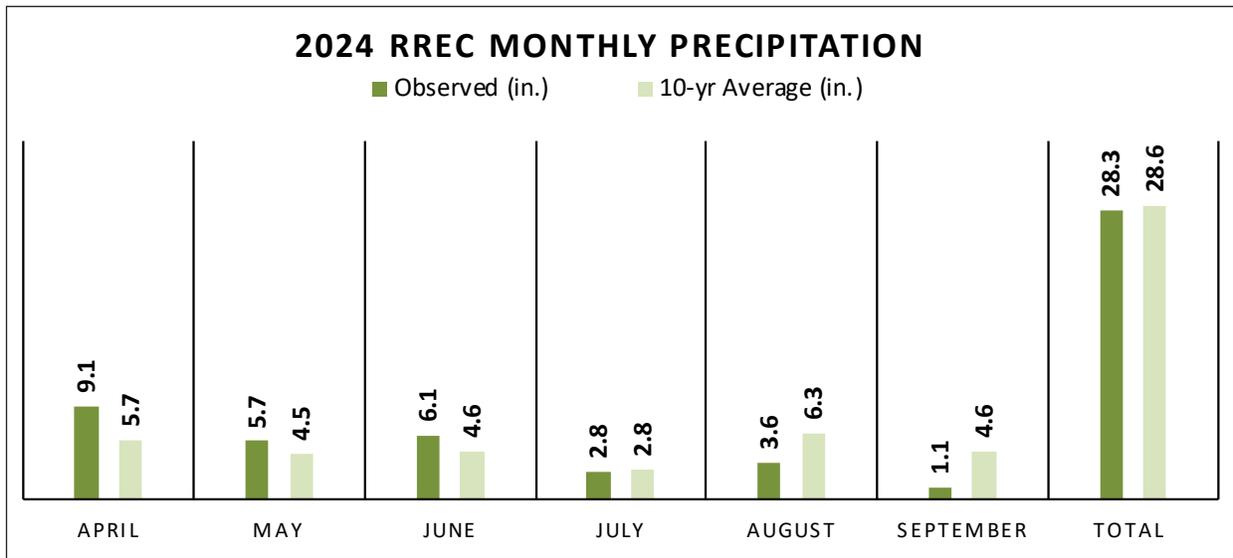
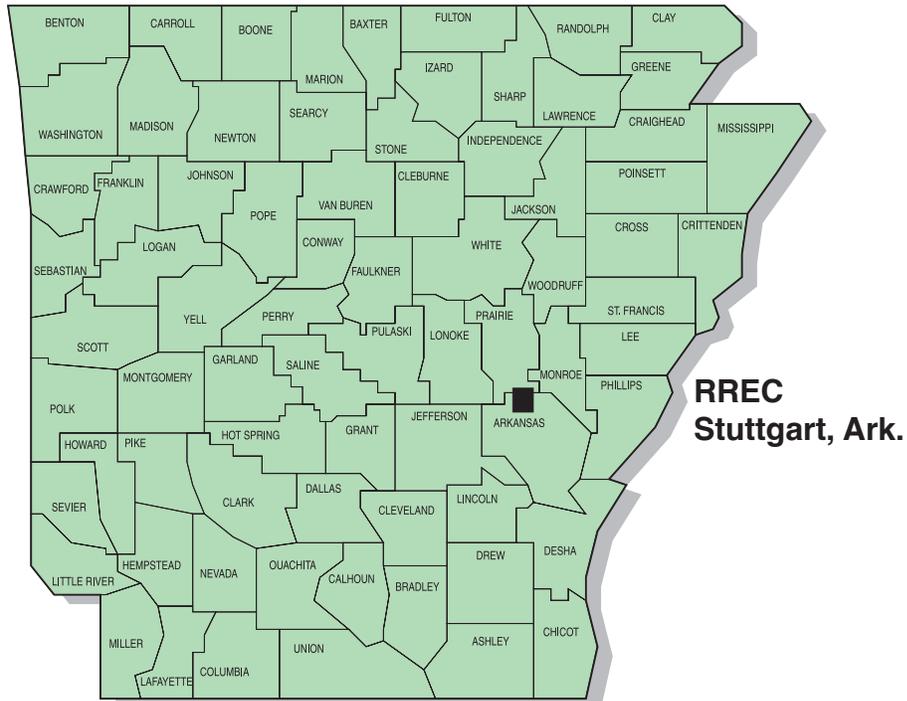
Table 13. Performance of Irrigated Late Planted Corn Hybrids, Rohwer, Ark., 2024, Continued.

Brand/Hybrid	Yield (bu./ac)	Test		Southern	Northern	Southern	Curvularia
		Weight (lb/bu.)	Moisture (%)	Corn Leaf Blight ^a	Corn Leaf Blight ^a		
Progeny PGY 9117VT2P	172.0	61.3	12.5	1.0	0.8	3.2	2.5
Revere 114-P35	176.8	59.1	12.7	1.0	0.5	3.2	2.2
Revere 1627 TC	200.5	60.0	12.4	1.0	0.5	3.0	3.0
Revere 1839 TC	222.4	60.9	12.3	0.5	0.0	2.5	1.5
GRAND MEAN	194.2	60.6	12.3	1.0	0.6	3.0	2.5
LSD (5%)	27.3	0.8	0.4	0.4	0.6	0.7	0.6
C.V.	12.0	1.1	2.7	•	•	•	•

^a Ratings done on a 0–9 scale where 9 is most severe.

Stuttgart: Rice Research and Extension Center (RREC)

Irrigated Corn Hybrids Trial Summary, 2024



Soil Series
Crowley silt loam
Previous Crop
Rice
Row Spacing
30 in.
Planting/Harvest Date
April 16/September 11

Irrigation Dates	July 3, 17; August 4, 25
Fertilizer Application(s)	Date
80-70-70-24S-10Zn	April 3
200 lb/ac 46-0-0	May 22
200 lb/ac 46-0-0	June 28
Herbicide Application(s)	Date
3 oz/ac Calisto® + 1 pt/ac Dual Magnum® + 2 qt/ac Atrazine®	May 1
3 oz/ac Calisto® + 1.5 qt/ac Atrazine®	May 31

Table 14. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2024.

Brand/Hybrid	2-Year ^a		Ear ^b	Tip ^c	Lodging ^d	Moisture
	Yield	Avg.	Height	Cover		
	----- (bu./ac) -----		----- (in.) -----			(%)
BH X24001TRE	217.7	•	46.7	1.0	1.8	17.9
Progeny PGY 2314TRE	215.7	•	43.7	1.0	3.3	17.6
BH X23048VT2P	215.2	•	41.7	1.7	4.8	19.0
DEKALB DKC 64-22	212.4	235.9	40.0	1.0	1.0	16.8
Gateway 2716VT2P	212.4	•	43.7	1.0	2.3	19.1
Revere 1627 TC	211.9	220.9	43.0	1.0	2.3	18.0
Axis Seed 65W75RIB Trecepta	209.8	•	44.3	1.0	5.0	17.5
DEKALB DKC 70-45	209.7	232.2	43.0	1.3	2.3	18.1
Axis Seed 64H70RIB Trecepta	204.6	•	40.3	1.0	6.5	17.1
Axis Seed 66Z71RIB Trecepta	202.3	•	44.7	1.3	2.5	18.4
Pioneer P13777PWUE	202.1	•	37.0	1.7	1.8	17.3
DEKALB DKC 68-35	201.9	229.0	41.3	1.3	4.3	17.9
Pioneer P13841PWUE	196.7	•	38.3	1.0	2.0	16.5
Integra 6624 TRE	196.2	•	40.7	1.0	1.5	16.5
Innvictis A1312VT2PRIB	195.5	•	43.0	1.3	2.5	18.1
Pioneer P17677YHR	194.8	•	46.0	1.7	0.0	16.9
Innvictis A1542T	193.3	•	42.0	1.0	5.5	16.8
Dyna-Gro D56TC44	190.0	•	41.7	1.3	1.8	15.8
DEKALB DKC 66-06	188.1	223.3	42.0	1.3	5.5	17.3
Dyna-Gro D58VC74	186.8	•	41.0	2.3	3.5	18.0
Innvictis A1792T	186.0	•	42.0	1.3	1.3	17.9
Integra 6342 TRE	185.8	•	40.3	1.3	10.3	16.8
Dyna-Gro D60TC45	185.6	•	49.7	1.3	4.0	18.6
Gateway 3919TRE	184.2	•	52.3	1.0	1.0	19.0
BH X24004TRE	178.9	•	45.7	1.7	3.8	17.8
Progeny PGY 9114VT2P	178.6	209.6	37.3	1.3	4.5	17.1
Integra 6915 TRE	177.4	•	48.0	1.7	0.0	20.1
Pioneer P1511YHR	176.9	214.1	43.0	1.7	1.8	17.8
Innvictis A1993T	176.9	•	51.7	1.3	0.3	19.5
Dyna-Gro D57TC29	176.2	•	41.7	1.0	3.3	17.8
Progeny PGY 9117VT2P	172.6	208.8	39.3	1.0	2.0	17.3
Pioneer P14830VYHR	172.0	•	40.7	1.3	1.0	17.1
BH 8939TRE	169.8	•	51.3	1.0	1.8	19.5
Progeny PGY 2215TRE	169.5	211.7	43.3	1.3	1.5	18.0
Revere 1839 TC	169.4	214.2	48.3	1.0	2.5	18.4

Continued

Table 14. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2024, Continued.

Brand/Hybrid	Yield	2-Year ^a	Ear ^b	Tip ^c	Lodging ^d	Moisture
		Avg.	Height	Cover		
	----- (bu./ac) -----		----- (in.) -----			(%)
Pioneer P1608YHR	162.3	•	41.7	1.0	2.8	16.9
Axis Seed 69A79 Trecepta	161.9	•	47.7	1.3	1.8	18.6
Revere 114-P35	156.0	•	41.7	1.3	2.0	17.0
Innictis A1551VT2P	148.6	191.5	41.3	1.0	0.8	19.5
Pioneer P1718VYHR	138.1	196.4	42.3	1.3	3.8	17.7
GRAND MEAN	187.1	•	43.3	1.3	2.7	17.8
LSD (5%)	19.4	•	2.5	0.5	3.7	0.6
C.V.	8.9	•	4.3	30.6	115.8	2.8

^a Average yield for 2022 and 2024.

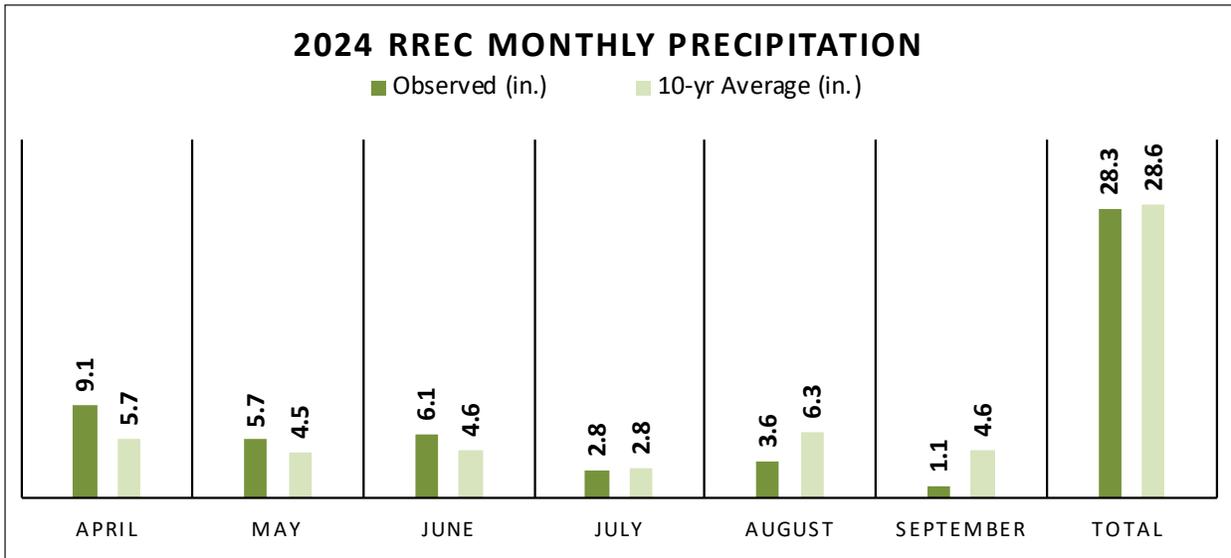
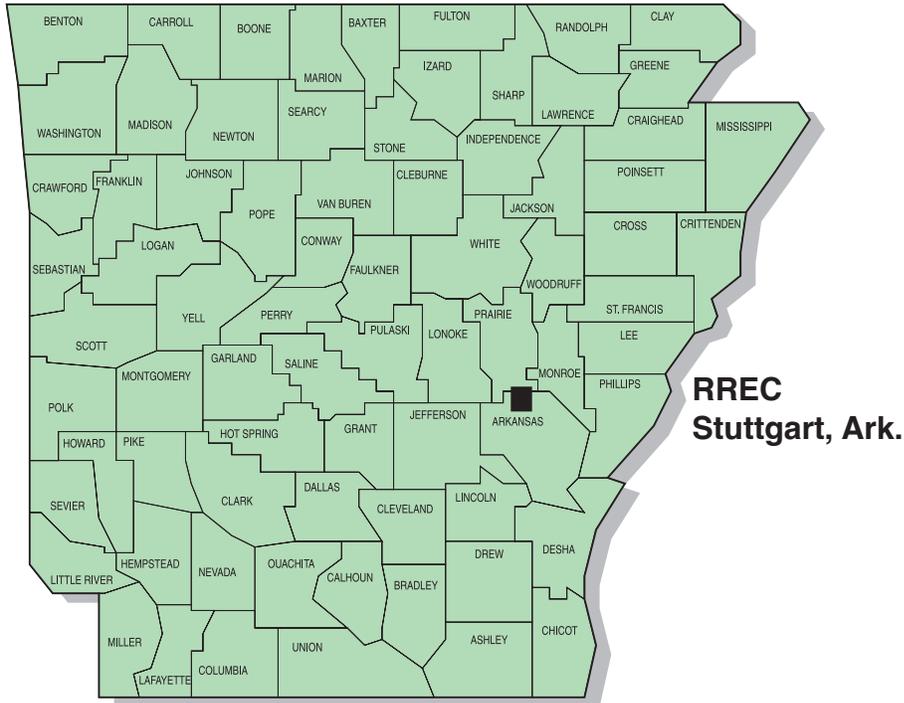
^b The average distance in inches from the soil surface to the point of attachment of upper ear.

^c 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.

^d Average number of plants broken below an ear at harvest.

Stuttgart: Rice Research and Extension Center (RREC)

Irrigated Late Planted Corn Hybrids Trial Summary, 2024



Soil Series
Crowley silt loam
Previous Crop
Rice
Row Spacing
30 in.
Planting/Harvest Date
May 20/September 11

Irrigation Dates	July 3, 17; August 4, 25
Fertilizer Application(s)	Date
80-70-70-24S-10Zn	April 3
200 lb/ac 46-0-0	May 22
200 lb/ac 46-0-0	June 28
Herbicide Application(s)	Date
3 oz/ac Calisto® + 1 pt/ac Dual Magnum® + 2 qt/ac Atrazine®	May 1
3 oz/ac Calisto® + 2 qt/ac Atrazine®	May 31

Table 15. Performance of Irrigated Late Planted Corn Hybrids, Stuttgart, Ark., 2024.

Brand/Hybrid	Yield (bu./ac)	Moisture (%)	Southern Corn	Southern	Curvularia	Gray
			Leaf Blight ^a	Rust ^a	Leaf Spot ^a	Leaf Spot ^a
BH 8939TRE	200.9	17.0	3.2	4.0	1.8	0.2
Innvictis A1542T	199.6	16.1	2.0	3.5	1.8	0.0
Dyna-Gro D60TC45	198.2	16.7	3.0	5.5	1.2	0.2
Dyna-Gro D56TC44	197.2	16.4	2.0	5.8	2.2	0.0
DEKALB DKC 70-45	196.8	17.4	3.0	3.0	2.0	0.2
Integra 6915 TRE	196.6	16.6	2.8	4.0	2.2	0.2
Revere 1839 TC	195.6	16.5	2.2	3.2	1.8	0.0
Axis Seed 64H70RIB Trecepta	195.4	16.3	2.5	4.2	1.8	0.0
DEKALB DKC 66-06	195.0	16.5	2.0	2.5	0.8	0.2
Progeny PGY 2314TRE	194.9	16.0	3.0	2.3	1.7	0.7
Dyna-Gro D58VC74	194.4	17.2	2.0	3.8	1.5	0.0
Axis Seed 66Z71RIB Trecepta	194.2	16.9	2.5	3.2	2.0	0.2
Integra 6624 TRE	193.8	16.0	2.0	3.8	1.2	0.0
Gateway 3919TRE	193.5	16.8	2.8	3.0	1.5	0.2
Gateway 2716VT2P	192.6	16.4	2.5	4.2	2.0	0.0
BH X24001TRE	191.8	18.2	2.8	3.5	1.8	0.0
Revere 1627 TC	191.8	16.3	2.2	4.0	1.0	0.0
Axis Seed 69A79 Trecepta	191.0	16.9	3.0	3.5	2.5	0.0
Integra 6342 TRE	190.0	15.8	2.5	2.8	1.5	0.2
Innvictis A1689T	188.9	16.1	2.8	3.8	2.0	0.8
Dyna-Gro D57TC29	188.5	16.7	2.0	3.2	1.5	0.0
Revere 114-P35	187.4	15.9	2.5	3.0	3.0	0.2
Innvictis A1792T	187.2	17.6	2.0	2.0	1.5	0.0
Innvictis A1993T	186.5	16.9	2.2	3.2	1.2	0.2
Pioneer P13777PWUE	184.8	17.2	2.5	3.0	2.0	0.0
Pioneer P14830VYHR	184.4	16.5	2.0	4.2	2.2	0.0
Innvictis A1551VT2P	184.1	16.1	2.0	3.8	2.0	0.0
Axis Seed 65W75RIB Trecepta	182.7	16.4	2.0	2.3	1.7	0.3
BH X24004TRE	181.8	16.8	2.8	4.2	2.2	0.0
DEKALB DKC 64-22	181.4	16.3	2.5	3.8	1.0	0.0
Progeny PGY 2215TRE	181.1	16.3	3.0	3.5	1.2	0.5
Pioneer P1718VYHR	180.7	17.4	2.5	4.2	1.5	0.0
Pioneer P1511YHR	180.7	17.3	2.2	3.2	1.8	0.0
DEKALB DKC 68-35	178.6	17.0	3.5	3.5	2.2	0.0
BH X23048VT2P	178.2	17.1	2.2	3.2	1.2	0.0
Progeny PGY 9114VT2P	176.9	16.1	2.2	3.0	2.2	0.2
Pioneer P13841PWUE	174.6	16.6	3.0	4.5	1.5	0.0
Progeny PGY 2010TRE	174.4	15.3	2.0	3.3	1.3	0.0
Pioneer P1608YHR	172.9	16.9	1.5	3.5	1.2	0.0
Integra 6493	172.3	16.2	2.8	2.2	1.8	0.2

Continued

Table 15. Performance of Irrigated Late Planted Corn Hybrids, Stuttgart, Ark., 2024, Continued.

Brand/Hybrid	Yield (bu./ac)	Moisture (%)	Southern Corn	Southern	Curvularia	Gray
			Leaf Blight ^a	Rust ^a	Leaf Spot ^a	Leaf Spot ^a
Pioneer P17677YHR	171.6	16.5	3.0	3.2	1.5	0.2
Innvictis A1312VT2PRIB	171.0	17.0	2.5	2.8	1.8	0.0
Progeny PGY 2118VT2P	167.7	17.0	2.0	3.8	1.8	0.2
Progeny PGY 9117VT2P	160.7	17.7	1.5	2.8	2.0	0.0
GRAND MEAN	186.0	16.7	2.4	3.5	1.7	0.1
LSD (5%)	15.1	0.8	1.6	1.9	1.1	0.4
C.V.	6.9	4.1	•	•	•	•

^a Ratings done on a 0–9 scale where 9 is most severe.

Participants and Entries 2024 Grain Sorghum Tests

<u>Company</u>	<u>Hybrids</u>
Bayer Crop Science 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKS 51-01 DEKALB DKS 54-07
BH Genetics 5933 FM 1157 Ganada, TX 77962	BH 4041 BH 4220 BH 5755
Nutrien Ag Solutions 3005 Rocky Mountain Ave. Loveland, CO 80538	Dyna-Gro M60GB31 Dyna-Gro M62GB36 Dyna-Gro M63GB78 Dyna-Gro M66GR32 Dyna-Gro M67GB87 Dyna-Gro M70GR37 Dyna-Gro M71GR91 Dyna-Gro M72GB71
Pioneer Hi-Bred International 7300 NW 62nd Ave. Johnston, IA 50131	Pioneer 82P22 Pioneer 83G19 Pioneer 83P38

Participants and Entries 2024 Corn Tests

<u>Company</u>	<u>Hybrids</u>
BH Genetics 5933 FM 1157 Ganado, TX 77962	BH 8939TRE BH X23048VT2P BH X24001TRE BH X24004TRE
Bayer Crop Science 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKC 64-22 DEKALB DKC 66-06 DEKALB DKC 68-35 DEKALB DKC 70-45
Gateway Seed 200 Industrial Dr. Advance, MO 63730	Gateway 2716VT2P Gateway 3919TRE
Innictis Seed Solutions 1880 Fall River Drive Loveland, CO 80538	Innictis A1312VT2PRIB Innictis A1542T Innictis A1551VT2P Innictis A1689T Innictis A1792T Innictis A1993T
Integra Seeds 87194 49th Ave. O'Neill, NE 68763	Integra 6342 TRE Integra 6493 VT2P Integra 6624 TRE Integra 6915 TRE
Mayberry Seed Co. 22985 State Hwy. D Essex, MO 63846	Axis Seed 64H70RIB Trecepta Axis Seed 65W75RIB Trecepta Axis Seed 66Z71RIB Trecepta Axis Seed 69A79 Trecepta
Nutrien Ag Solutions 3005 Rocky Mountain Ave. Loveland, CO 80538	Dyna-Gro D56TC44 Dyna-Gro D57TC29 Dyna-Gro D58VC74 Dyna-Gro D60TC45

Continued

Participants and Entries 2024 Corn Tests, Continued

<u>Company</u>	<u>Hybrids</u>
Pioneer Hi-Bred International 7300 NW 62nd Ave. Johnston, IA 50131	Pioneer P13777PWUE Pioneer P13841PWUE Pioneer P14830VYHR Pioneer P1511YHR Pioneer P1608YHR Pioneer P1718VYHR Pioneer P17677YHR
Progeny Ag Products 1529 Highway 193 Wynne, AR 72396	Progeny PGY 2010TRE Progeny PGY 2118VT2P Progeny PGY 2215TRE Progeny PGY 2314TRE Progeny PGY 9114VT2P Progeny PGY 9117VT2P
Revere Seed 802 Rozelle St. Memphis, TN 38104	Revere 114-P35 Revere 1627 TC Revere 1839 TC

Corn Trait Package Information

Abbreviations Used:

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

Insects **Controlled** or *Suppressed*

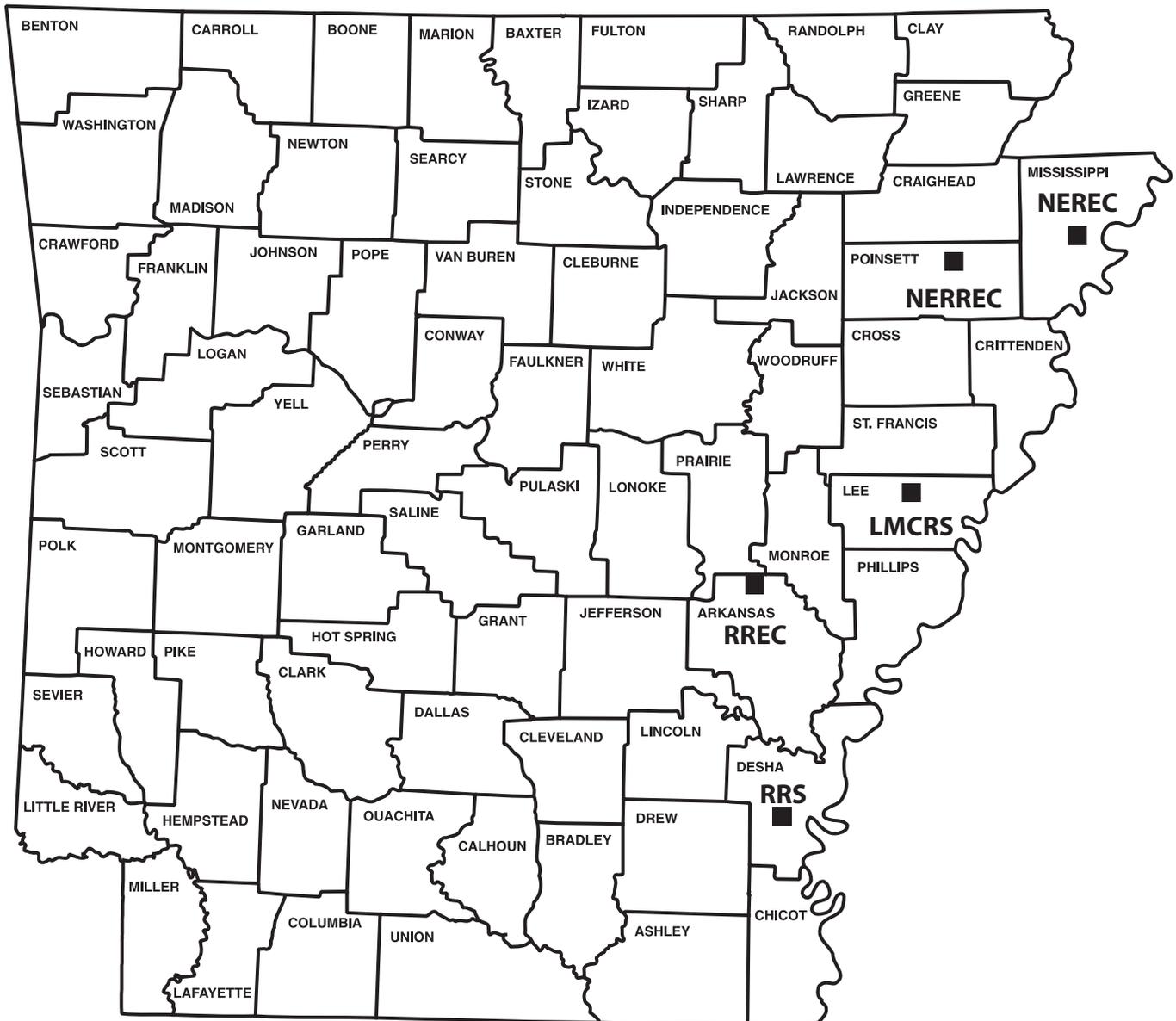
Trait Family	Product	(Above Ground)	(In Soil)	Herbicide Tolerance
Agrisure	Agrisure 3010, 3010A	ECB SWCB CEW FAW SB	—	GT LL
	Agrisure 3000GT, 3011A	ECB SWCB CEW FAW SB	RW	GT LL
	Agrisure Viptera 3110	BCW CEW ECB FAW SB SWCB TAW WBC	—	GT LL
	Agrisure Viptera 3111	BCW CEW ECB FAW SB SWCB TAW WBC	RW	GT LL
	Agrisure 3122 E-Z Refuge	BCW ECB FAW SB SWCB TAW WBC CEW	RW	GT
	Agrisure Viptera 3220 E-Z Refuge	BCW CEW ECB FAW SB SWCB TAW WBC	—	GT
	Agrisure Duracade 5122 E-Z Refuge	BCW ECB FAW SB SWCB TAW WBC CEW	RW	GT
	Agrisure Duracade 5222 E-Z Refuge	BCW CEW ECB FAW SB SWCB TAW WBC	RW	GT
Herculex	Herculex 1 (HX1)	BCW ECB FAW SB SWCB WBC CEW	—	LL RR2
	Herculex RW (HXRW)	—	RW	LL RR2
	Herculex XTRA (HXX)	BCW ECB FAW SB SWCB WBC CEW	RW	LL RR2
Optimum	Intrasect (YHR)	BCW ECB FAW SB SWCB WBC CEW	—	LL RR2
	AcreMax (AM)	BCW ECB FAW SB SWCB WBC CEW	—	LL RR2
	Leptra (VYHR)	BCW CEW ECB FAW SB SWCB TAW WBC	—	LL RR2
	AcreMax Leptra (AML)	BCW CEW ECB FAW SB SWCB TAW WBC	—	LL RR2
	AcreMax RW (AMRW)	—	RW	LL RR2

Corn Trait Package Information, Continued

Insects **Controlled** or *Suppressed*

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

GRAIN SORGHUM AND CORN TEST LOCATIONS



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

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