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Arkansas Corn and Grain Sorghum Performance Tests 2015

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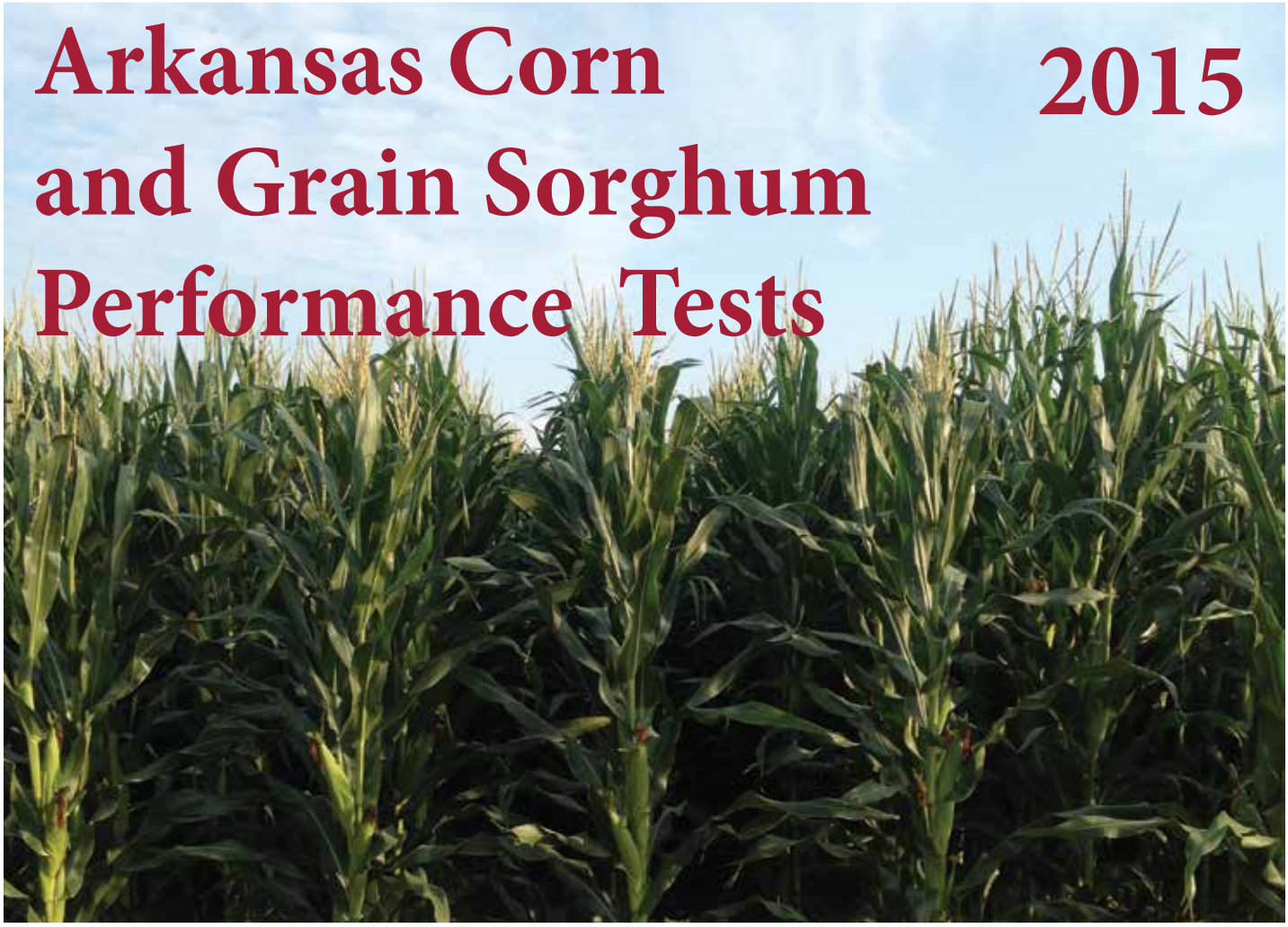
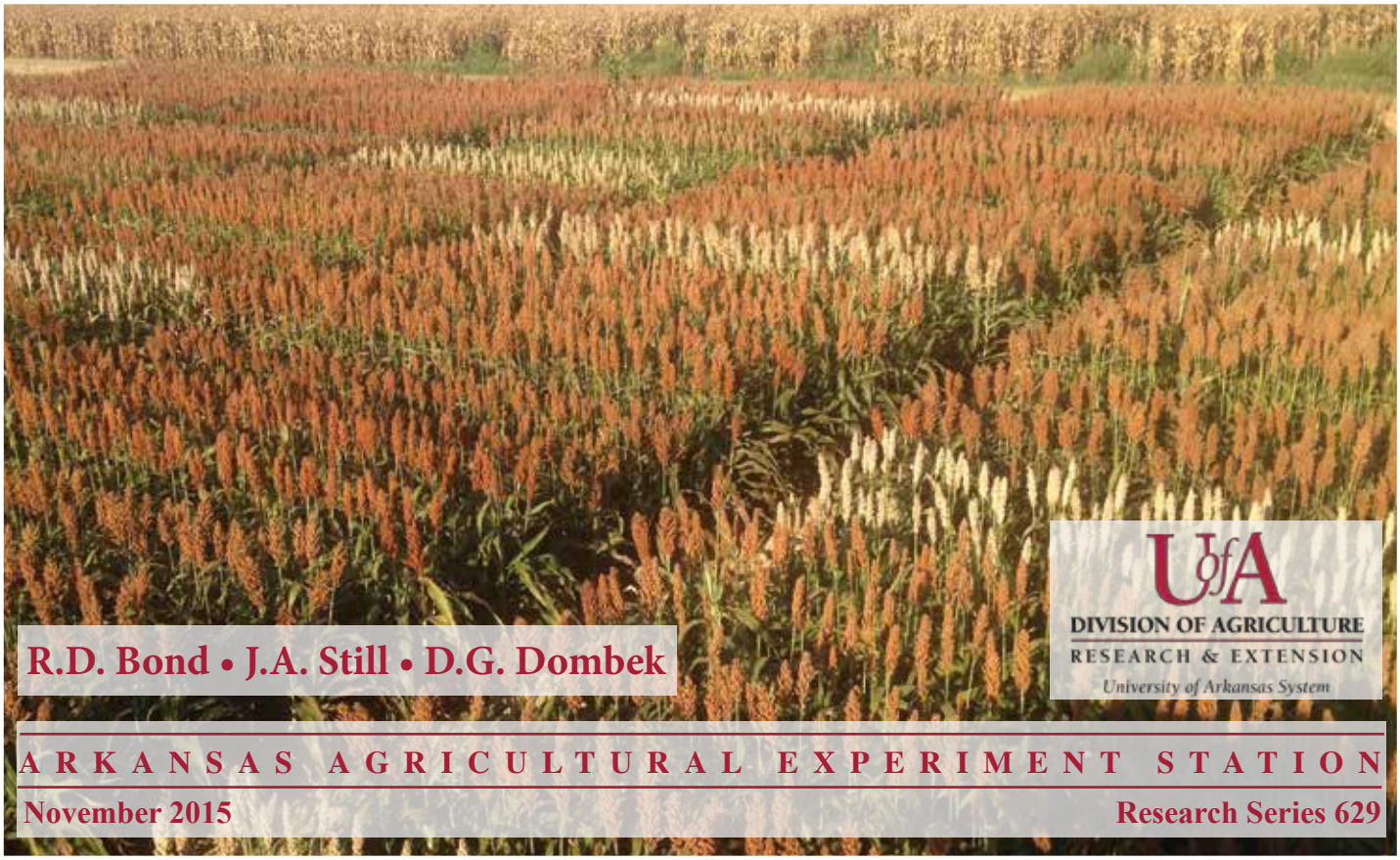
2015





R.D. Bond • J.A. Still • D.G. Dombek

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ARKANSAS CORN AND GRAIN SORGHUM PERFORMANCE TESTS[1] 2015

R.D. Bond[2], J.A. Still[3], and D.G. Dombek[4]

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 2015 corn performance tests contained 84 entries 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 near Des Arc, the Rohwer Research Station (RRS) near Rohwer, and the Rice Research and Extension Center (RREC) near Stuttgart. The 2015 grain sorghum performance tests contained 30 entries 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 48 and inside the back cover, respectively.

MATERIALS AND METHODS

Corn hybrids were divided into two maturity groups based on information provided by the originating companies. Entries were placed into a 116 or fewer days-to-maturity group (Early- to Mid-Season) or 117+ group (Mid- to Full-Season).

Within each test, entries were arranged as a randomized complete block design with four replications. Plots were two rows wide and 20-25 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 Marianna, Stuttgart, and Bell Farm locations which requires 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.

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./A) 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 base of panicle.

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 in shape. Rachis branches intermediate in strength and length.

5 = Head open and elongated. Rachis branches weak.

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

[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.

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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./A) at 15.5% moisture.

Grain Moisture: Expressed as a 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 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 **ArkansasVarietyTesting.com**.
Disease ratings that do not appear in this or other reports may also be found on this Website.

Table 1. Yields of Grain Sorghum Hybrids in Arkansas Performance Tests, 2015[a].

Hybrid Name	Keiser Irrigated	Keiser Non-Irrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Rohwer Non-Irrigated	Average
	(bu./A)						
Alta AG1203	118.3	121.1	123.8	165.9	111.8	121.8	127.1
Alta AG2103	122.5	120.5	123.4	145.2	120.2	117.9	125.0
Alta AG2105	129.9	132.3	163.9	137.6	109.6	117.2	131.7
Alta AG2115	105.7	117.6	147.0	139.2	109.4	114.4	122.2
Alta AG3101	126.4	142.1	161.6	155.4	130.0	139.1	142.4
Alta AG3201	117.2	137.5	145.5	161.9	112.1	117.1	131.9
Alta XG02008	110.9	121.4	134.2	151.3	134.8	130.7	130.6
Alta XG30001	108.8	120.1	147.4	129.1	100.6	112.1	119.7
Alta XG30002	119.8	118.6	148.3	130.9	100.7	109.5	121.3
Alta XG30003	100.1	110.6	138.7	125.4	112.9	114.3	117.0
Armor AMX12423	133.6	128.4	165.7	186.5	147.6	137.4	149.9
Armor AMX9060	108.6	126.8	143.5	130.5	121.1	113.4	124.0
Armor AMX91743	129.0	127.6	171.4	190.7	125.5	129.0	145.5
Armor AMX9813	108.5	117.1	151.7	170.6	125.9	133.4	134.5
Armor AMX9957	110.6	114.7	117.2	154.1	145.4	123.4	127.6
Armor AMX99773	•[b]	•[b]	119.5	97.4	112.8	101.7	107.8
Armor BANDIT	119.9	142.4	152.7	163.7	118.4	116.2	135.5
Armor Maverick	92.0	122.1	166.2	180.6	146.5	128.8	139.4
DEKALB DKS51-01	120.8	147.9	161.7	194.5	136.9	141.2	150.5
DEKALB DKS53-53	124.6	145.3	164.8	187.5	132.3	159.1	152.3
Dyna-Gro 765B	109.4	132.0	162.8	180.4	146.6	138.8	145.0
Dyna-Gro GX13231	120.0	130.4	119.5	154.6	117.4	120.5	127.0
Dyna-Gro M75GB39	126.0	128.5	137.2	146.3	121.8	114.9	129.1
Dyna-Gro M77GB52	114.3	121.5	147.5	158.0	123.9	125.7	131.8
Mycogen 1G855	115.3	110.1	145.2	196.7	162.9	148.2	146.4
Pioneer 83P99	122.3	131.2	158.5	186.8	128.2	132.1	143.2
Pioneer 84P80	130.5	141.0	162.8	178.1	121.9	143.8	146.3
REV® 9562™	133.7	136.8	144.4	157.5	127.5	124.5	137.4
REV® 9782™	122.1	135.9	156.8	157.7	135.9	129.0	139.6
REV® 9924™	119.9	129.6	145.3	168.9	108.3	138.5	135.1
GRAND MEAN	117.9	128.0	147.6	159.4	125.0	126.4	134.1
LSD (5%)	12.3	10.6	14.2	16.5	12.7	14.0	13.4
C.V.	8.9	7.0	8.2	7.6	7.4	9.4	8.1

[a] Keiser = Notheast Research and Extension Center.
Marianna = Lon Mann Cotton Research Station.
Stuttgart = Rice Research and Extension Center.
Rohwer = Rohwer Research Station.

[b] A reportable yield for Armor AMX99773 could not be obtained at the Keiser location due to extensive bird damage. The yields in the "Average" column for this hybrid do not include the tests from this location.

Table 2. Performance of Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)	Bird Damage (%)
REV® 9562™	133.7	133.6	127.5	14.5	45	7	3	29
Armor AMX12423	133.6	121.2	•	14.8	46	9	2	17
Pioneer 84P80	130.5	130.7	134.2	14.9	43	5	2	19
Alta AG2105	129.9	•	•	15.0	47	6	2	17
Armor AMX91743	129.0	108.8	•	15.0	60	5	2	16
Alta AG3101	126.4	•	•	14.8	60	9	1	26
Dyna-Gro M75GB39	126.0	123.9	122.5	14.8	41	4	3	15
DEKALB DKS53-53	124.6	127.2	•	14.6	44	3	1	15
Alta AG2103	122.5	•	•	14.7	39	5	3	18
Pioneer 83P99	122.3	129.3	133.4	14.8	43	7	2	18
REV® 9782™	122.1	124.3	127.0	14.7	43	6	1	20
DEKALB DKS51-01	120.8	126.0	137.2	14.7	46	3	2	25
Dyna-Gro GX13231	120.0	121.8	•	14.3	41	7	2	21
Armor BANDIT	119.9	126.2	•	14.9	44	2	1	16
REV® 9924™	119.9	123.7	126.4	14.4	46	6	2	28
Alta XG30002	119.8	•	•	14.7	40	7	2	18
Alta AG1203	118.3	•	•	14.3	44	6	2	20
Alta AG3201	117.2	•	•	14.5	46	5	2	28
Mycogen 1G855	115.3	•	•	14.7	46	3	1	14
Dyna-Gro M77GB52	114.3	113.6	115.7	14.6	41	4	3	26
Alta XG02008	110.9	•	•	14.4	45	6	1	20
Armor AMX9957	110.6	•	•	14.7	53	6	2	16
Dyna-Gro 765B	109.4	115.3	125.7	15.2	60	6	2	16
Alta XG30001	108.8	•	•	14.6	40	6	3	33
Armor AMX9060	108.6	•	•	14.4	42	7	1	20
Armor AMX9813	108.5	114.7	•	15.0	44	4	1	10
Alta AG2115	105.7	•	•	14.4	41	5	2	19
Alta XG30003	100.1	•	•	15.0	41	7	2	10
Armor Maverick	92.0	•	•	15.3	56	8	2	10
GRAND MEAN	117.9	•	•	14.7	46	6	2	19
LSD (5%)	12.3	•	•	0.3	•	•	•	7
C.V.	8.9	•	•	1.5	•	•	•	31

[a] Average yield for 2014 and 2015.

[b] Average yield for 2013, 2014, and 2015.

Table 2. Performance of Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2015, continued.

Soil Series:	Sharkey clay
Soil pH:	6.8
Previous Crop:	Soybean
Row Width:	38"
Planting Date:	May 1
Irrigation Dates:	June 23 July 16, 29

Preplant Fertilizer:	100 lb/A N 50 lb/A P 50 lb/A K } April 30
Sidedress Fertilizer:	50 lb/A N, June 5
Herbicide Application(s):	Atrazine + Dual Magnum, May 1 Buctril, June 8 Roundup, August 28
Harvest Date:	September 8

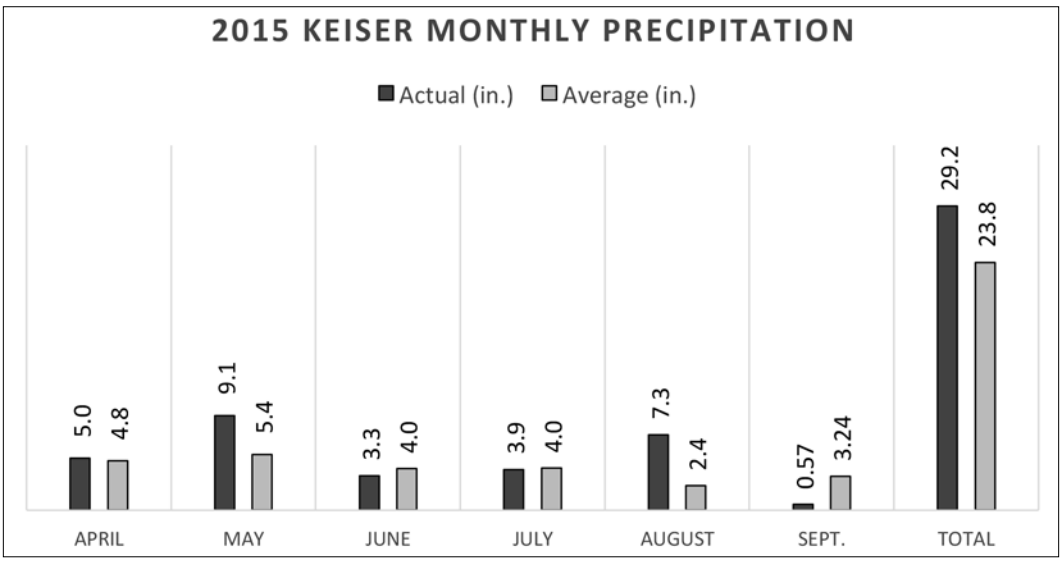


Table 3. Performance of Non-Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)	Bird Damage (%)
DEKALB DKS51-01	147.9	144.6	133.7	14.1	53	5	2	24
DEKALB DKS53-53	145.3	141.6	•	14.5	43	5	2	20
Armor BANDIT	142.4	145.5	•	14.3	46	3	2	20
Alta AG3101	142.1	•	•	14.7	47	7	2	21
Pioneer 84P80	141.0	141.4	136.3	14.3	40	3	2	20
Alta AG3201	137.5	•	•	13.9	43	2	2	24
REV® 9562™	136.8	141.2	129.5	13.9	43	6	3	29
REV® 9782™	135.9	137.6	129.5	14.4	42	6	2	23
Alta AG2105	132.3	•	•	14.4	44	6	2	21
Dyna-Gro 765B	132.0	133.9	127.1	14.7	47	6	2	13
Pioneer 83P99	131.2	126.0	128.4	14.2	41	2	2	18
Dyna-Gro GX13231	130.4	138.4	•	14.1	43	5	2	19
REV® 9924™	129.6	137.2	130.2	14.1	45	5	2	25
Dyna-Gro M75GB39	128.5	133.9	127.8	14.1	39	6	2	16
Armor AMX12423	128.4	122.5	•	14.2	45	5	2	19
Armor AMX91743	127.6	114.7	•	14.2	54	9	1	16
Armor AMX9060	126.8	•	•	14.2	39	5	2	18
Armor Maverick	122.1	•	•	14.6	54	2	2	19
Dyna-Gro M77GB52	121.5	128.4	120.2	14.0	40	3	3	25
Alta XG02008	121.4	•	•	14.0	40	6	2	25
Alta AG1203	121.1	•	•	14.1	42	5	2	18
Alta AG2103	120.5	•	•	14.2	38	4	3	15
Alta XG30001	120.1	•	•	14.1	38	7	2	25
Alta XG30002	118.6	•	•	14.3	39	7	2	15
Alta AG2115	117.6	•	•	14.1	39	4	3	23
Armor AMX9813	117.1	124.5	•	14.2	42	2	2	19
Armor AMX9957	114.7	•	•	14.2	47	4	2	16
Alta XG30003	110.6	•	•	14.8	38	8	2	11
Mycogen 1G855	110.1	•	•	14.4	47	4	2	18
GRAND MEAN	128.0	•	•	14.2	43	5	2	20
LSD (5%)	10.6	•	•	0.2	•	•	•	5
C.V.	7.0	•	•	1.5	•	•	•	22

[a] Average yield for 2014 and 2015

[b] Average yield for 2013, 2014, and 2015

Table 3. Performance of Non-Irrigated Grain Sorghum Hybrids, Keiser, Ark., 2015, continued.

Soil Series:	Sharkey clay
Soil pH:	6.8
Previous Crop:	Soybean
Row Width:	38"
Planting Date:	May 1
Irrigation Dates:	N/A

Preplant Fertilizer:	100 lb/A N 50 lb/A P 50 lb/A K } April 30
Sidedress Fertilizer:	50 lb/A N, June 5
Herbicide Application(s):	Atrazine + Dual Magnum, May 1 Buctril, June 8 Roundup, August 28
Harvest Date:	September 8

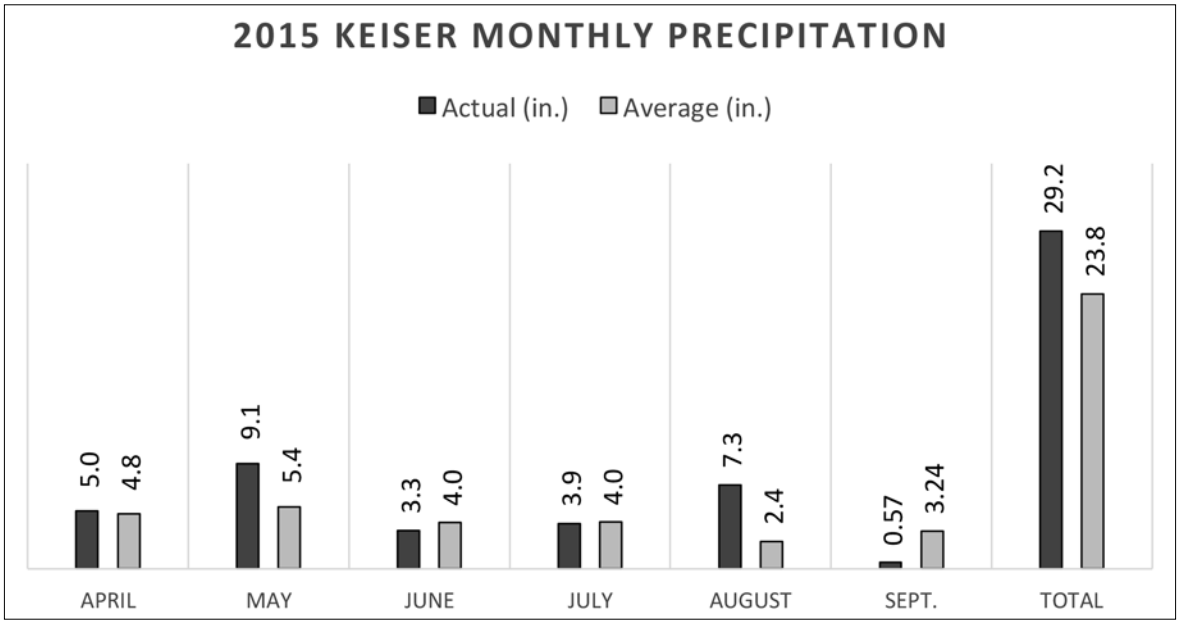


Table 4. Performance of Irrigated Grain Sorghum Hybrids, Marianna, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)
Armor AMX91743	171.4	145.9	•	19.5	72	10	3
Armor Maverick	166.2	•	•	18.5	67	7	3
Armor AMX12423	165.7	138.2	•	19.0	64	10	3
DEKALB DKS53-53	164.8	162.9	•	15.2	63	8	3
Alta AG2105	163.9	•	•	18.5	64	9	3
Pioneer 84P80	162.8	160.7	157.5	16.3	60	6	3
Dyna-Gro 765B	162.8	158.0	150.1	22.2	68	7	3
DEKALB DKS51-01	161.7	160.3	157.4	19.9	69	9	3
Alta AG3101	161.6	•	•	18.3	66	11	2
Pioneer 83P99	158.5	151.1	150.6	16.2	59	3	2
REV® 9782™	156.8	142.5	142.2	20.0	56	7	3
Armor BANDIT	152.7	140.8	•	15.3	62	7	3
Armor AMX9813	151.7	137.6	•	17.7	58	7	3
Alta XG30002	148.3	•	•	20.2	54	8	3
Dyna-Gro M77GB52	147.5	146.0	144.5	16.9	58	6	3
Alta XG30001	147.4	•	•	20.7	53	9	3
Alta AG2115	147.0	•	•	14.3	55	10	3
Alta AG3201	145.5	•	•	20.9	61	6	3
REV® 9924™	145.3	141.9	142.5	14.3	65	5	3
Mycogen 1G855	145.2	•	•	25.0	65	4	2
REV® 9562™	144.4	147.4	143.0	13.7	59	9	5
Armor AMX9060	143.5	•	•	16.5	57	10	3
Alta XG30003	138.7	•	•	22.4	54	8	3
Dyna-Gro M75GB39	137.2	137.4	134.3	14.3	57	7	4
Alta XG02008	134.2	•	•	18.6	53	10	2
Alta AG1203	123.8	•	•	16.8	52	7	5
Alta AG2103	123.4	•	•	17.4	55	11	3
Armor AMX99773	119.5	•	•	13.9	44	5	4
Dyna-Gro GX13231	119.5	123.7	•	13.1	54	6	5
Armor AMX9957	117.2	•	•	20.6	59	7	2
GRAND MEAN	147.6	•	•	17.9	59	8	3
LSD (5%)	14.2	•	•	3.2	•	•	•
C.V.	8.2	•	•	15.5	•	•	•

[a] Average yield for 2014 and 2015

[b] Average yield for 2013, 2014, and 2015

Table 4. Performance of Irrigated Grain Sorghum Hybrids, Marianna, Ark., 2015, continued.

Soil Series:	Calloway silt loam
Soil pH:	7.5
Previous Crop:	Grain Sorghum
Row Width:	38"
Planting Date:	May 1
Irrigation Dates:	June 24, 29 July 10, 14 August 1, 8
Preplant Fertilizer:	46 lb/A N, 46 lb/A P 60 lb/A K } April 9
Sidedress Fertilizer:	130 lb/A N, May 29
Herbicide Application(s):	Dual II Magnum, May 8 Atrazine + Dual II Magnum, May 29
Insecticide Application(s):	Lorsban, July 8, 14 Transform + Prevathon, July 27 Transform, August 10
Harvest Date:	August 24

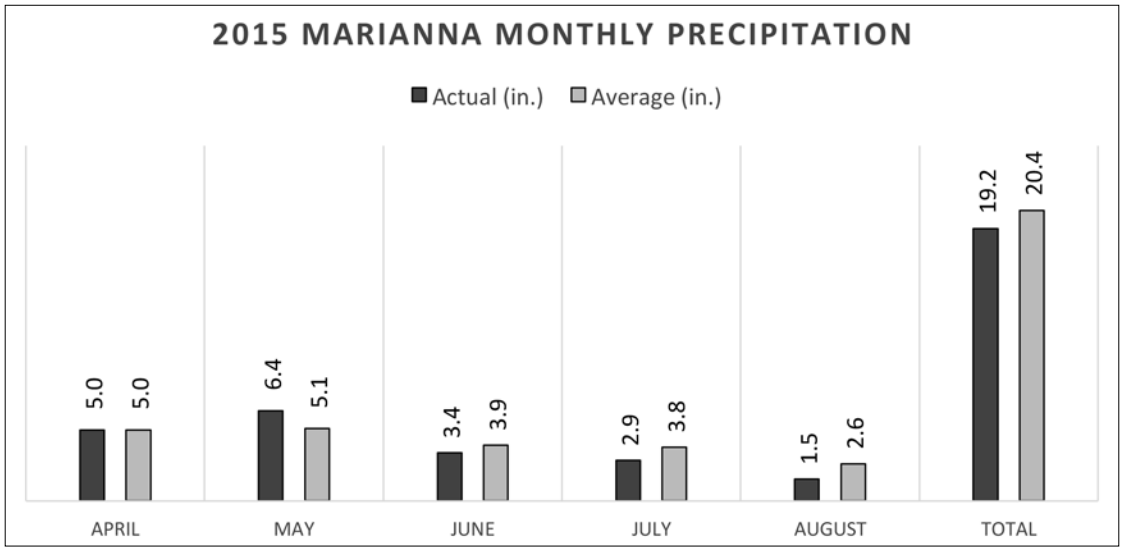


Table 5. Performance of Irrigated Grain Sorghum Hybrids, Stuttgart, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)
Mycogen 1G855	196.7	•	•	12.6	72	4	1
DEKALB DKS51-01	194.5	175.7	•	12.6	70	12	2
Armor AMX91743	190.7	•	•	12.1	80	8	1
DEKALB DKS53-53	187.5	•	•	12.0	62	6	1
Pioneer 83P99	186.8	181.8	178.3	12.5	65	3	2
Armor AMX12423	186.5	•	•	12.2	72	13	2
Armor Maverick	180.6	•	•	12.8	70	5	1
Dyna-Gro 765B	180.4	176.5	173.0	12.6	68	8	2
Pioneer 84P80	178.1	174.2	172.7	12.0	67	5	3
Armor AMX9813	170.6	•	•	12.0	68	7	2
REV® 9924™	168.9	162.6	•	11.5	67	10	2
Alta AG1203	165.9	•	•	11.8	62	5	2
Armor BANDIT	163.7	•	•	11.9	66	5	1
Alta AG3201	161.9	•	•	11.4	62	6	2
Dyna-Gro M77GB52	158.0	150.7	•	12.0	66	9	3
REV® 9782™	157.7	142.6	145.1	11.8	63	9	1
REV® 9562™	157.5	152.9	•	12.0	67	10	2
Alta AG3101	155.4	•	•	12.3	71	12	1
Dyna-Gro GX13231	154.6	•	•	11.7	59	6	2
Armor AMX9957	154.1	•	•	13.4	71	6	1
Alta XG02008	151.3	•	•	12.1	56	12	2
Dyna-Gro M75GB39	146.3	129.5	•	12.3	62	9	4
Alta AG2103	145.2	•	•	12.3	60	12	3
Alta AG2115	139.2	•	•	11.5	56	7	2
Alta AG2105	137.6	•	•	12.6	69	11	2
Alta XG30002	130.9	•	•	12.4	60	12	3
Armor AMX9060	130.5	•	•	12.3	62	8	2
Alta XG30001	129.1	•	•	12.1	55	9	4
Alta XG30003	125.4	•	•	12.9	61	11	2
Armor AMX99773	97.4	•	•	11.3	52	7	3
GRAND MEAN	159.4	•	•	12.2	65	8	2
LSD (5%)	16.5	•	•	0.7	•	•	•
C.V.	7.6	•	•	4.2	•	•	•

[a] Average yield for 2013 and 2015.

[b] Average yield for 2012, 2013, and 2015.

Table 5. Performance of Irrigated Grain Sorghum Hybrids, Stuttgart, Ark., 2015, continued.

Soil Series:	Crowley silt loam
Soil pH:	6.1
Previous Crop:	Soybean
Row Width:	30"
Planting Date:	May 1
Irrigation Dates:	June 11, 25 July 14, 23 August 12
Preplant Fertilizer:	80 lb/A N, 90 lb/A P 90 lb/A K, 21 lb/A S 10 lb/A Zn } April 3
Sidedress Fertilizer:	92 lb/A N, May 22, June 10
Lime Application:	1800 lb/A, March 10
Herbicide Application(s):	Roundup + Permit + Dual Magnum + Atrazine, May 5
Insecticide Application(s):	Mustang Max, July 7, 21 Mustang Max + Transform, July 30
Harvest Date:	September 1

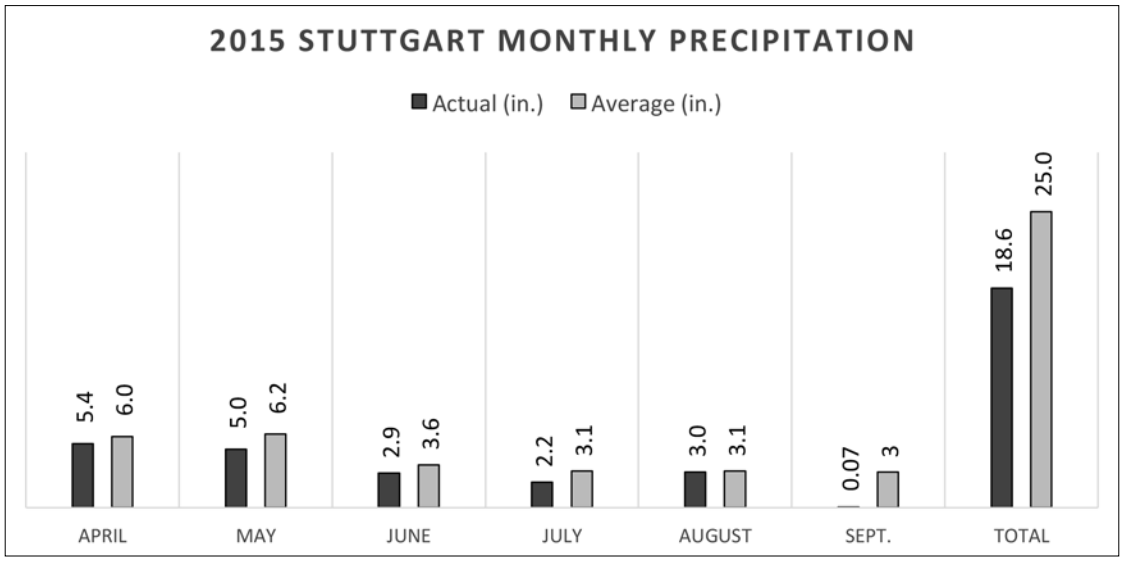


Table 6. Performance of Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)
Mycogen 1G855	162.9	•	•	19.1	60	2	3
Armor AMX12423	147.6	•	•	14.6	64	6	3
Dyna-Gro 765B	146.6	145.9	148.1	18.1	64	6	3
Armor Maverick	146.5	•	•	15.9	68	5	3
Armor AMX9957	145.4	•	•	16.4	64	3	3
DEKALB DKS51-01	136.9	138.4	•	15.4	62	6	3
REV® 9782™	135.9	138.8	138.4	16.2	59	5	3
Alta XG02008	134.8	•	•	14.2	52	4	4
DEKALB DKS53-53	132.3	•	•	14.6	58	6	3
Alta AG3101	130.0	•	•	14.7	62	9	3
Pioneer 83P99	128.2	138.8	140.7	16.3	60	4	2
REV® 9562™	127.5	121.0	•	14.5	59	6	4
Armor AMX9813	125.9	•	•	14.5	59	3	3
Armor AMX91743	125.5	•	•	16.7	71	8	3
Dyna-Gro M77GB52	123.9	117.1	•	14.6	59	7	4
Pioneer 84P80	121.9	132.0	138.7	14.7	60	8	4
Dyna-Gro M75GB39	121.8	118.7	•	15.7	51	6	4
Armor AMX9060	121.1	•	•	14.5	58	4	3
Alta AG2103	120.2	•	•	15.3	54	4	4
Armor BANDIT	118.4	•	•	14.5	60	5	3
Dyna-Gro GX13231	117.4	•	•	15.5	54	8	4
Alta XG30003	112.9	•	•	21.2	52	7	3
Armor AMX99773	112.8	•	•	13.5	55	4	4
Alta AG3201	112.1	•	•	13.8	60	3	4
Alta AG1203	111.8	•	•	15.3	54	4	4
Alta AG2105	109.6	•	•	15.6	60	7	4
Alta AG2115	109.4	•	•	12.9	59	3	4
REV® 9924™	108.3	115.3	•	14.5	65	6	4
Alta XG30002	100.7	•	•	18.1	56	5	3
Alta XG30001	100.6	•	•	15.7	54	5	4
GRAND MEAN	125.0	•	•	15.6	59	5	3
LSD (5%)	12.7	•	•	1.4	•	•	•
C.V.	7.4	•	•	6.7	•	•	•

[a] Average yield for 2013 and 2015.

[b] Average yield for 2012, 2013, and 2015.

Table 6. Performance of Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2015, continued.

Soil Series:	Herbert silt loam	**Preplant Fertilizer:**	60 lb/A K 46 lb/A P } February 13
Soil pH:	7.5		
Previous Crop:	Soybean	**Sidedress Fertilizer:**	75 units 32% N, June 5, 6
Row Width:	38"	**Herbicide Application(s):**	Dual II Magnum + Atrazine + Roundup PowerMax, May 5 Atrazine + Dual Magnum, June 8
Planting Date:	May 4		
Irrigation Dates:	June 29 July 17, 24 August 4	**Harvest Date:**	August 28

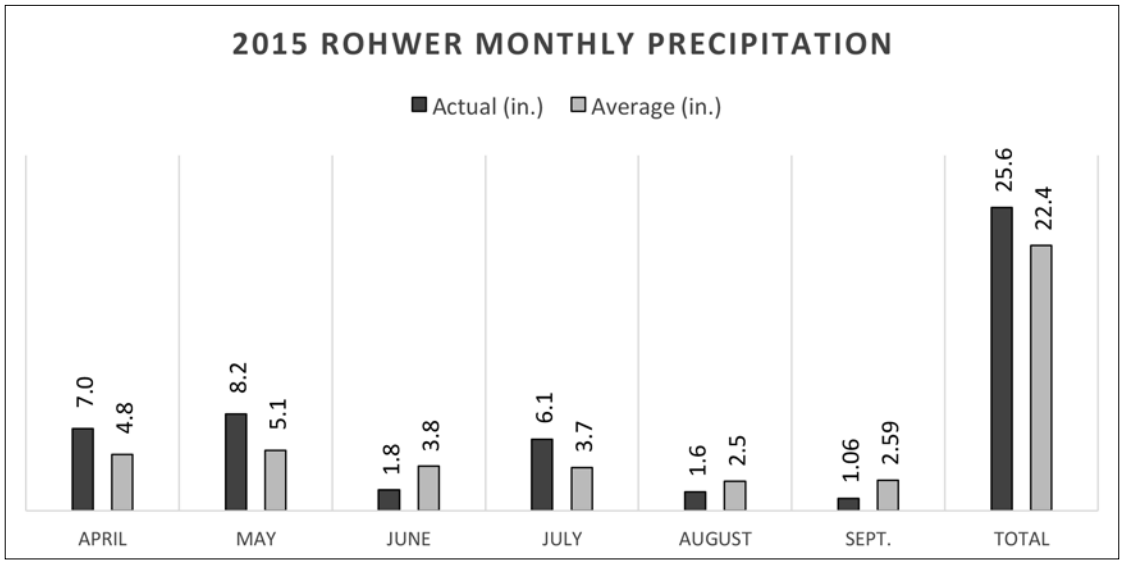


Table 7. Performance of Non-Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2015.

Hybrid Name	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Plant Height (in.)	Head Exertion (in.)	Head Comp. Rating (see p. 4)
DEKALB DKS53-53	159.1	•	•	13.4	61	6	3
Mycogen 1G855	148.2	•	•	16.3	63	5	2
Pioneer 84P80	143.8	141.9	139.4	12.9	60	4	4
DEKALB DKS51-01	141.2	139.8	•	13.7	60	10	4
Alta AG3101	139.1	•	•	13.1	64	8	3
Dyna-Gro 765B	138.8	133.9	132.7	13.8	59	6	3
REV® 9924™	138.5	130.0	•	12.8	63	4	4
Armor AMX12423	137.4	•	•	13.3	62	7	4
Armor AMX9813	133.4	•	•	13.5	61	6	3
Pioneer 83P99	132.1	143.3	137.1	14.2	56	3	3
Alta XG02008	130.7	•	•	12.8	54	7	3
Armor AMX91743	129.0	•	•	14.3	70	9	2
REV® 9782™	129.0	134.8	132.3	13.2	56	5	3
Armor Maverick	128.8	•	•	14.5	64	5	2
Dyna-Gro M77GB52	125.7	123.1	•	13.0	59	5	4
REV® 9562™	124.5	116.3	•	12.6	57	6	4
Armor AMX9957	123.4	•	•	13.5	63	6	2
Alta AG1203	121.8	•	•	13.6	58	5	3
Dyna-Gro GX13231	120.5	•	•	13.1	56	5	3
Alta AG2103	117.9	•	•	13.4	58	8	4
Alta AG2105	117.2	•	•	13.2	60	9	4
Alta AG3201	117.1	•	•	12.7	58	7	4
Armor BANDIT	116.2	•	•	13.6	63	4	3
Dyna-Gro M75GB39	114.9	117.2	•	13.1	58	8	4
Alta AG2115	114.4	•	•	12.4	56	5	4
Alta XG30003	114.3	•	•	16.5	54	6	4
Armor AMX9060	113.4	•	•	12.8	59	9	2
Alta XG30001	112.1	•	•	13.1	56	7	4
Alta XG30002	109.5	•	•	14.5	51	5	4
Armor AMX99773	101.7	•	•	11.8	50	5	4
GRAND MEAN	126.4	•	•	13.5	59	6	3
LSD (5%)	14.0	•	•	0.6	•	•	•
C.V.	9.4	•	•	3.9	•	•	•

[a] Average yield for 2013 and 2015.

[b] Average yield for 2012, 2013, and 2015.

Table 7. Performance of Non-Irrigated Grain Sorghum Hybrids, Rohwer, Ark., 2015, continued.

Soil Series:	Herbert silt loam
Soil pH:	7.5
Previous Crop:	Soybean
Row Width:	38"
Planting Date:	May 4
Irrigation Dates:	N/A

Preplant Fertilizer:	60 lb/A K 46 lb/A P	} February 13
Sidedress Fertilizer:	75 units 32% N, June 5, 6	
Herbicide Application(s):	Dual II Magnum + Atrazine + Roundup PowerMax, May 5 Atrazine + Dual Magnum, June 8	
Harvest Date:	August 26	

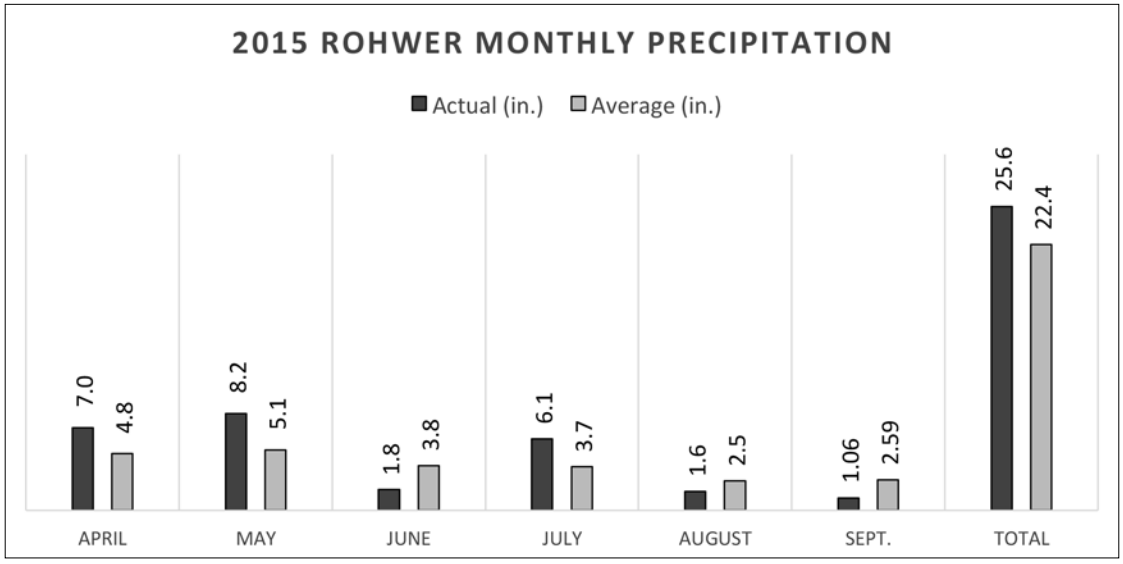


Table 8. Yields of Irrigated Corn Hybrids in Arkansas Performance Tests, 2015[a].

Hybrid Name	Keiser	Marianna	Stuttgart	Rohwer	Bell Farm	Average
			(bu./A)			
Early- to Mid-Season Hybrids						
AgriGold A6499VT2RIB	204.8	207.3	210.5	244.8	230.9	219.6
AgriGold A6501VT2RIB	207.1	258.8	248.7	245.7	234.9	239.0
AgriGold A6559VT2RIB	206.1	229.4	224.2	234.5	252.7	229.4
AgriGold A6573VT2RIB	206.6	235.5	225.3	211.5	226.2	221.0
AgriGold A6574VT2PRO	191.5	247.5	239.8	207.1	220.8	221.4
AgriGold A6579STX	223.6	238.6	212.5	226.1	228.7	225.9
AgriGold A6659VT2RIB	222.2	245.0	233.9	252.5	258.0	242.3
Armor A0808PRO	196.6	221.7	220.6	225.3	219.6	216.8
Armor A1033PRO	204.2	201.4	175.1	213.7	202.4	199.4
Armor A1414PDG	215.3	238.5	236.2	237.8	238.5	233.3
Armor A1621PRO	232.6	233.6	236.9	241.1	232.4	235.3
Armor AXC5112	211.2	191.9	221.3	243.7	212.6	216.1
Augusta A6465	235.7	250.2	248.9	250.7	252.8	247.6
Augusta A7767	235.8	250.2	230.1	248.0	233.5	239.5
BH 8660VTTP	227.5	230.8	238.3	236.7	228.3	232.4
BH 8688DG2P	227.7	261.9	243.4	254.8	264.4	250.4
BH 8732VTTP	225.4	258.4	242.1	248.7	235.8	242.1
BH 8735VTTP	222.8	259.7	257.8	261.2	234.2	247.1
Croplan 6640VT3P	223.9	239.1	245.4	246.4	237.3	238.4
DEKALB DKC 62-08 GENSS	206.7	222.8	240.2	191.5	229.3	218.1
DEKALB DKC 63-60 GEN33	184.4	211.7	227.3	225.2	220.0	213.7
DEKALB DKC 66-59 GENVT2P	195.2	228.3	228.0	228.4	225.4	221.0
DEKALB DKC 66-87 GENVT2P	228.7	252.4	236.8	248.1	241.5	241.5
Dyna-Gro D54DC94	230.5	258.3	247.9	234.2	270.2	248.2
Dyna-Gro D54VP81	207.1	249.5	232.8	233.5	232.8	231.1
Dyna-Gro D55QC73	193.2	239.5	238.3	226.1	239.5	227.3
Dyna-Gro D55VP77	216.2	237.8	242.2	241.1	221.8	231.8
Dyna-Gro D56VC46	215.4	227.3	222.8	237.5	235.6	227.7
Golden Acres 26V21	211.1	215.3	222.0	221.3	213.6	216.6
Golden Acres G6611	238.9	256.1	252.2	246.2	224.4	243.6
LG Seeds LG5618STXRIB	209.2	228.3	193.9	242.3	225.6	219.9
LG Seeds LG5638VT2RIB	216.6	234.7	248.5	232.7	233.1	233.1
LG Seeds LG5663VT2PRO	202.2	225.5	201.8	230.9	228.5	217.8
MorCorn MC4319	227.8	236.5	204.4	243.0	226.3	227.6
MorCorn MC4354	228.6	214.5	241.7	236.1	222.2	228.6
MorCorn MC4377	221.1	251.2	240.8	256.0	251.6	244.1
MorCorn MCXP-1510	241.6	243.6	234.2	246.3	238.8	240.9
Mycogen 2C786	229.1	205.8	196.2	231.8	226.4	217.8

Table 8. Yields of Irrigated Corn Hybrids in Arkansas Performance Tests, 2015[a], continued.

Hybrid Name	Keiser	Marianna	Stuttgart	Rohwer	Bell Farm	Average
			(bu./A)			
Early- to Mid-Season Hybrids Continued						
Mycogen 2C797	210.2	229.5	239.2	234.2	220.1	226.6
Mycogen 2Y744	192.3	218.5	223.0	227.5	208.7	214.0
Mycogen X13726VH	212.8	262.0	230.1	236.4	238.0	235.9
Mycogen X13759S3	186.0	200.1	197.2	227.1	205.8	203.2
Mycogen X13813VH	195.9	222.3	225.3	234.1	222.0	219.9
NK N75H-3010A	195.3	226.8	180.5	204.0	216.9	204.7
NK N76A-GT/CB/LL	196.8	227.5	217.5	220.2	215.5	215.5
NK N79Z-3111	211.2	248.0	221.5	211.8	232.0	224.9
NK N79M-GT/CB/LL	190.8	238.8	199.4	231.7	208.7	213.9
NK N78S-3111	217.4	249.0	246.7	241.8	228.1	236.6
Pioneer P1311YHR	223.7	244.7	236.2	226.2	222.4	230.6
Pioneer P1637VYHR	223.0	263.6	265.8	247.0	281.9	256.2
Progeny EXP16VT2P	227.2	223.8	222.5	220.4	222.3	223.2
Progeny PGY 4114VT2P	197.2	265.0	228.3	227.5	229.9	229.6
Progeny PGY 4115VT2P	215.3	235.3	241.1	209.0	227.5	225.6
Progeny PGY 5115VT2P	210.1	215.7	211.7	239.7	213.7	218.2
REV® 22BHR43™	200.9	235.6	251.3	220.6	232.0	228.1
REV® 23BHR55™	214.6	267.5	253.1	251.3	236.6	244.6
REV® 24BHR93™	203.3	231.1	226.5	237.1	214.6	222.5
REV® 25BHR26™	222.8	260.2	261.3	249.1	252.6	249.2
REV® 26BHR50™	195.4	282.6	246.6	245.7	251.8	244.4
GRAND MEAN	213.0	237.0	229.9	234.3	231.0	229.1
LSD (5%)	15.1	26.6	20.1	20.5	18.0	20.1
C.V.	6.0	9.6	7.5	6.5	6.7	7.2

Table 8. Yields of Irrigated Corn Hybrids in Arkansas Performance Tests, 2015[a] continued.

Hybrid Name	Keiser	Marianna	Stuttgart	Rohwer	Bell Farm	Average
			(bu./A)			
Mid- to Full-Season						
AgriGold A6687VT2PRO	207.0	233.1	216.2	247.0	229.1	226.5
AgriGold A6711VT2PRO	228.3	243.2	259.6	244.9	254.2	246.0
AgriGold A6719VT2PRO	235.7	255.4	245.4	250.3	238.3	245.0
Armor AXC4119	220.7	199.3	224.2	256.0	190.1	218.0
Armor AXC5117	218.2	270.9	237.6	232.4	255.5	242.9
Augusta A7068	222.2	211.3	220.8	252.8	190.4	219.5
Augusta A7768	216.0	251.9	250.5	266.8	248.6	246.8
Augusta A8868	219.2	234.5	235.8	229.2	230.3	229.8
Croplan 7927VT3P	204.2	232.5	228.3	243.3	220.2	225.7
Croplan 8512DGVT2P	231.3	221.9	239.7	211.2	221.9	225.2
DEKALB DKC 67-14 GENVT2P	238.7	255.7	257.3	248.5	250.7	250.2
DEKALB DKC 67-72 GENVT2P	239.7	249.6	253.5	242.8	231.5	243.4
DEKALB DKC 68-26 GENVT2P	223.5	249.1	233.1	248.8	231.0	237.1
Delta Grow DG2888	216.4	249.1	235.5	219.8	236.1	231.4
Delta Grow DG3660	202.2	234.6	226.1	231.3	219.1	222.7
Dyna-Gro CX15118	220.9	249.9	258.3	240.5	260.6	246.0
Dyna-Gro D57VP51	220.8	249.2	254.9	258.8	238.4	244.4
MorCorn MC4799	188.7	227.6	218.3	242.5	228.6	221.1
Mycogen 2D848	235.2	223.8	230.8	245.1	201.3	227.2
NK N83D-3000GT	196.8	241.5	213.1	210.1	223.7	217.0
Pioneer P1794VYHR	230.7	285.8	265.3	249.7	259.0	258.1
Pioneer P1916YHR	223.2	254.6	238.5	232.4	219.0	233.5
Pioneer P2160YHR	218.5	314.3	279.5	248.0	238.0	259.7
Progeny PGY 4117VT3P	207.1	206.8	206.1	213.3	188.8	204.4
REV® 28HR20™	189.8	275.5	234.6	244.3	211.8	231.2
GRAND MEAN	218.2	244.8	238.5	240.4	228.6	234.1
LSD (5%)	18.3	25.1	16.3	19.7	17.7	19.4
C.V.	7.1	8.7	5.8	6.0	6.5	6.8

[a] Keiser = Northwest Research and Extension Center.
Marianna = Lon Mann Cotton Research Station.
Stuttgart = Rice R.search and Extension Center.
Rohwer = Rohwer Research Station.
Bell Farm = Bell Farming Company, Prairie County.

Table 9. Performance of Irrigated Corn Hybrids, Keiser, Ark., 2015.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Plants Per Acre
Early- to Mid-Season Hybrids							
MorCorn MCXP-1510	241.6	•	•	14.2	0.0	43	33625
Golden Acres G6611	238.9	230.8	•	15.2	0.0	32	38005
Augusta A7767	235.8	•	•	15.3	0.0	36	35448
Augusta A6465	235.7	•	•	14.4	0.0	37	33508
Armor A1621PRO	232.6	•	•	13.8	0.0	37	34566
Dyna-Gro D54DC94	230.5	•	•	13.8	0.0	30	31392
Mycogen 2C786	229.1	226.8	•	14.7	0.0	34	36242
DEKALB DKC 66-87 GENVT2P	228.7	224.5	•	14.1	0.0	35	34831
MorCorn MC4354	228.6	•	•	14.0	0.0	29	32153
MorCorn MC4319	227.8	•	•	14.6	0.0	34	34830
BH 8688DG2P	227.7	•	•	13.7	0.0	45	32380
BH 8660VTTP	227.5	229.3	•	15.5	0.0	32	32361
Progeny EXP16VT2P	227.2	•	•	15.3	0.0	33	32859
BH 8732VTTP	225.4	•	•	14.8	0.0	42	33860
Croplan 6640VT3P	223.9	222.7	241.8	14.4	0.0	30	33447
Pioneer P1311YHR	223.7	•	•	15.0	0.0	41	34967
AgriGold A6579STX	223.6	•	•	14.7	3.0	37	35889
Pioneer P1637VYHR	223.0	•	•	13.4	0.0	40	34390
BH 8735VTTP	222.8	•	•	15.1	0.0	39	32381
REV® 25BHR26™	222.8	•	•	14.3	0.0	40	28743
AgriGold A6659VT2RIB	222.2	•	•	15.3	0.0	38	33420
MorCorn MC4377	221.1	•	•	13.8	0.0	38	31920
NK N78S-3111	217.4	225.5	224.7	15.5	0.0	35	32952
LG Seeds LG5638VT2RIB	216.6	•	•	14.7	0.0	37	33684
Dyna-Gro D55VP77	216.2	218.6	•	13.6	0.0	36	33893
Dyna-Gro D56VC46	215.4	219.0	•	15.4	0.0	31	32097
Armor A1414PDG	215.3	•	•	14.1	0.0	38	33332
Progeny PGY 4115VT2P	215.3	•	•	15.0	0.0	29	30598
REV® 23BHR55™	214.6	•	•	14.3	0.0	34	33243
Mycogen X13726VH	212.8	•	•	15.6	0.0	39	35977
Armor AXC5112	211.2	•	•	14.0	0.0	33	32009
NK N79Z-3111	211.2	•	•	15.9	0.0	31	31391
Golden Acres 26V21	211.1	203.3	201.6	15.7	1.0	37	36594
Mycogen 2C797	210.2	•	•	14.3	0.0	38	34213
Progeny PGY 5115VT2P	210.1	•	•	13.9	0.0	37	32097
LG Seeds LG5618STXRIB	209.2	•	•	14.5	0.0	33	31744
Dyna-Gro D54VP81	207.1	222.1	•	15.2	0.0	26	32097
AgriGold A6501VT2RIB	207.1	•	•	14.6	0.0	34	31392
DEKALB DKC 62-08 GENSS	206.7	217.0	•	13.8	0.0	33	33067
AgriGold A6573VT2RIB	206.6	•	•	14.0	0.0	33	35007
AgriGold A6559VT2RIB	206.1	•	•	16.1	0.0	40	31894
AgriGold A6499VT2RIB	204.8	•	•	14.9	0.0	32	34037
Armor A1033PRO	204.2	•	•	14.4	0.0	28	33684
REV® 24BHR93™	203.3	198.5	•	14.8	0.0	34	31656
LG Seeds LG5663VT2PRO	202.2	•	•	15.1	0.0	36	31019

Table 9. Performance of Irrigated Corn Hybrids, Keiser, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Plants Per Acre
Early- to Mid-Season Hybrids Continued							
REV® 22BHR43™	200.9	212.0	•	15.7	0.0	37	32890
Progeny PGY 4114VT2P	197.2	•	•	14.5	0.0	39	31018
NK N76A-GT/CB/LL	196.8	•	•	14.3	0.0	38	31606
Armor A0808PRO	196.6	•	•	14.7	0.0	35	34478
Mycogen X13813VH	195.9	•	•	15.3	0.0	38	34302
REV® 26BHR50™	195.4	191.2	•	15.8	0.0	32	30774
NK N75H-3010A	195.3	•	•	14.1	0.0	33	31303
DEKALB DKC 66-59 GENVT2P	195.2	•	•	14.5	0.0	36	30422
Dyna-Gro D55QC73	193.2	•	•	16.3	0.0	32	32626
Mycogen 2Y744	192.3	201.0	•	14.0	0.0	27	34213
AgriGold A6574VT2PRO	191.5	•	•	15.3	0.0	35	33243
NK N79M-GT/CB/LL	190.8	•	•	15.0	0.0	33	32623
Mycogen X13759S3	186.0	•	•	14.3	0.0	41	32097
DEKALB DKC 63-60 GEN33	184.4	•	•	14.0	0.0	35	33949
GRAND MEAN	213.0	•	•	14.7	0.1	35	33126
LSD (5%)	15.1	•	•	1.2	0.8	•	2677
C.V.	6.0	•	•	6.8	•	•	7

Table 9. Performance of Irrigated Corn Hybrids, Keiser, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Plants Per Acre
Mid- to Full-Season Hybrids							
DEKALB DKC 67-72 GENVT2P	239.7	•	•	14.6	0.0	38	33860
DEKALB DKC 67-14 GENVT2P	238.7	•	•	15.2	0.0	33	32538
AgriGold A6719VT2PRO	235.7	•	•	15.8	0.0	44	31588
Mycogen 2D848	235.2	•	•	16.0	0.0	36	36364
Croplan 8512DGVT2P	231.3	•	•	14.5	0.0	37	32626
Pioneer P1794VYHR	230.7	•	•	14.6	0.0	41	33817
AgriGold A6711VT2PRO	228.3	•	•	14.3	0.0	41	31391
DEKALB DKC 68-26 GENVT2P	223.5	•	•	14.6	0.0	30	36074
Pioneer P1916YHR	223.2	•	•	15.3	0.0	36	31950
Augusta A7068	222.2	•	•	14.9	0.0	36	33949
Dyna-Gro CX15118	220.9	•	•	15.6	0.0	34	31819
Dyna-Gro D57VP51	220.8	228.9	239.2	14.8	0.0	27	36211
Armor AXC4119	220.7	•	•	14.1	0.0	32	33772
Augusta A8868	219.2	•	•	14.3	0.0	37	31303
Pioneer P2160YHR	218.5	•	•	15.4	0.0	39	34050
Armor AXC5117	218.2	•	•	14.7	0.0	33	34122
Delta Grow DG2888	216.4	•	•	16.0	0.0	42	32362
Augusta A7768	216.0	•	•	15.9	6.0	38	34346
Progeny PGY 4117VT3P	207.1	•	•	14.6	0.0	34	32744
AgriGold A6687VT2PRO	207.0	203.7	•	13.6	0.0	34	31957
Croplan 7927VT3P	204.2	•	•	14.3	0.0	49	30157
Delta Grow DG3660	202.2	•	•	15.3	0.0	35	35183
NK N83D-3000GT	196.8	•	•	15.3	0.0	42	30951
REV® 28HR20™	189.8	•	•	15.0	0.0	39	31854
MorCorn MC4799	188.7	•	•	15.2	1.0	32	30877
GRAND MEAN	218.2	•	•	15.0	0.3	37	33035
LSD (5%)	18.3	•	•	1.1	1.6	•	3939
C.V.	7.1	•	•	6.2	•	•	10

[a] Average yield for 2013 and 2015.

[b] Average yield for 2012, 2013, and 2015.

[c] Average number of plants per hybrid.

Table 9. Performance of Irrigated Corn Hybrids, Keiser, Ark., 2015, continued.

Soil Series:	Sharkey clay
Soil pH:	6.8
Previous Crop:	Soybean
Row Width:	38"
Planting Date:	May 1
Irrigation Dates:	June 22 July 14, 29
Preplant Fertilizer:	100 lb/A N, 50 lb/A P, 50 lb/A K, April 30
Sidedress Fertilizer:	180 lb/A N, June 5
Herbicide Application(s):	Atrazine + Dual Magnum, May 1 Buctril, June 8
Harvest Date:	September 24

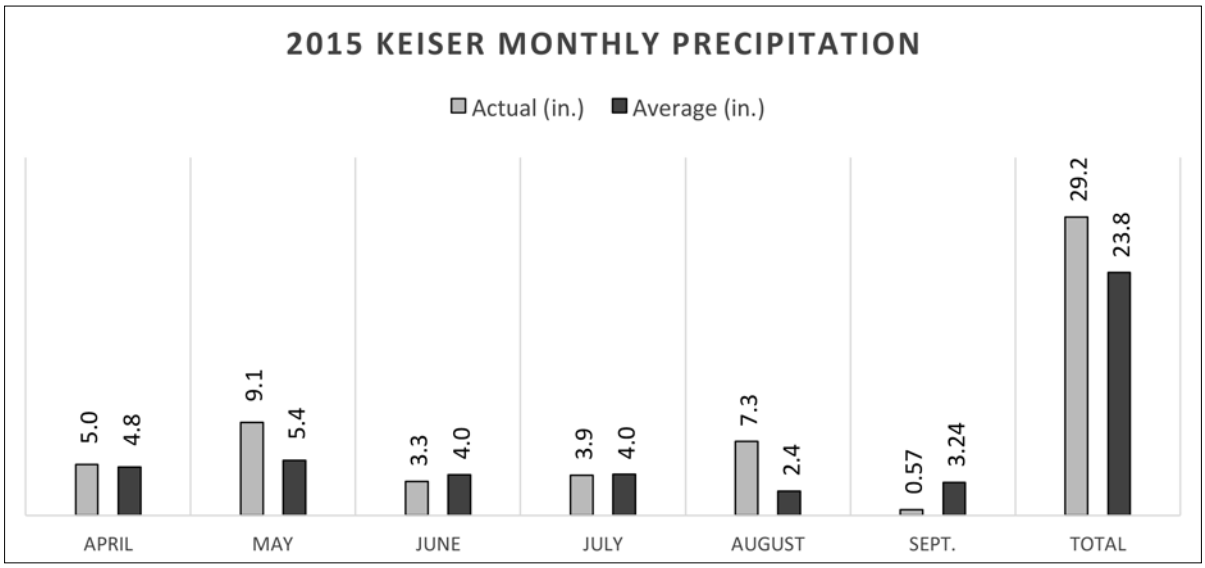


Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2015.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)
Early- to Mid-Season Hybrids						
REV® 26BHR50™	282.6	281.3	•	18.0	0.0	57
REV® 23BHR55™	267.5	276.2	•	18.1	0.0	51
Progeny PGY 4114VT2P	265.0	261.5	•	17.2	0.0	49
Pioneer P1637VYHR	263.6	275.1	•	16.8	0.0	60
Mycogen X13726VH	262.0	•	•	17.9	0.0	55
BH 8688DG2P	261.9	•	•	17.7	0.0	53
REV® 25BHR26™	260.2	•	•	17.5	0.0	53
BH 8735VTTP	259.7	•	•	18.0	0.0	52
AgriGold A6501VT2RIB	258.8	268.4	•	17.8	1.0	48
BH 8732VTTP	258.4	259.6	•	16.8	0.0	50
Dyna-Gro D54DC94	258.3	•	•	17.1	0.0	52
Golden Acres G6611	256.1	264.4	•	17.0	0.0	48
DEKALB DKC 66-87 GENVT2P	252.4	259.4	•	17.6	0.0	51
MorCorn MC4377	251.2	•	•	18.2	0.0	50
Augusta A7767	250.2	•	•	16.8	1.0	47
Augusta A6465	250.2	•	•	17.2	0.0	52
Dyna-Gro D54VP81	249.5	262.5	•	17.6	0.0	51
NK N78S-3111	249.0	253.2	237.5	17.9	0.0	54
NK N79Z-3111	248.0	259.2	•	17.5	2.0	50
AgriGold A6574VT2PRO	247.5	•	•	17.5	0.0	47
AgriGold A6659VT2RIB	245.0	252.3	•	18.1	0.0	50
Pioneer P1311YHR	244.7	•	•	17.4	0.0	55
MorCorn MCXP-1510	243.6	•	•	17.6	0.0	47
Dyna-Gro D55QC73	239.5	258.1	•	17.5	0.0	49
Croplan 6640VT3P	239.1	246.3	227.1	17.9	0.0	42
NK N79M-GT/CB/LL	238.8	•	•	18.1	2.0	52
AgriGold A6579STX	238.6	•	•	17.4	0.0	49
Armor A1414PDG	238.5	•	•	16.3	0.0	51
Dyna-Gro D55VP77	237.8	249.4	•	17.2	0.0	47
MorCorn MC4319	236.5	•	•	17.9	0.0	47
REV® 22BHR43™	235.6	255.2	•	17.2	0.0	48
AgriGold A6573VT2RIB	235.5	251.5	•	17.8	0.0	43
Progeny PGY 4115VT2P	235.3	253.2	•	18.5	0.0	47
LG Seeds LG5638VT2RIB	234.7	•	•	17.6	0.0	47
Armor A1621PRO	233.6	•	•	17.5	0.0	46
REV® 24BHR93™	231.1	255.4	•	17.9	0.0	50
BH 8660VTTP	230.8	253.0	•	16.9	0.0	52
Mycogen 2C797	229.5	248.3	•	17.3	0.0	43
AgriGold A6559VT2RIB	229.4	248.4	•	17.9	0.0	53
LG Seeds LG5618STXRIB	228.3	247.7	•	17.5	0.0	46
DEKALB DKC 66-59 GENVT2P	228.3	•	•	17.6	0.0	43
NK N76A-GT/CB/LL	227.5	•	•	17.8	0.0	40
Dyna-Gro D56VC46	227.3	245.5	•	18.1	0.0	46
NK N75H-3010A	226.8	•	•	17.2	0.0	40
LG Seeds LG5663VT2PRO	225.5	•	•	17.4	0.0	53

Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)
Early- to Mid-Season Hybrids Continued						
Progeny EXP16VT2P	223.8	•	•	16.9	0.0	45
DEKALB DKC 62-08 GENSS	222.8	247.1	•	18.1	0.0	48
Mycogen X13813VH	222.3	•	•	17.5	0.0	55
Armor A0808PRO	221.7	•	•	15.8	0.0	49
Mycogen 2Y744	218.5	239.9	•	18.0	0.0	40
Progeny PGY 5115VT2P	215.7	238.2	•	17.6	0.0	46
Golden Acres 26V21	215.3	237.2	230.5	18.6	0.0	51
MorCorn MC4354	214.5	239.3	•	17.4	1.0	51
DEKALB DKC 63-60 GEN33	211.7	•	•	17.1	0.0	46
AgriGold A6499VT2RIB	207.3	235.1	•	17.3	0.0	49
Mycogen 2C786	205.8	224.8	•	17.5	0.0	46
Armor A1033PRO	201.4	•	•	16.9	0.0	45
Mycogen X13759S3	200.1	•	•	16.9	2.0	50
Armor AXC5112	191.9	•	•	16.8	0.0	47
GRAND MEAN	237.0	•	•	17.5	0.1	49
LSD (5%)	26.6	•	•	1.3	1.1	•
C.V.	9.6	•	•	6.3	•	•

Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)
Mid- to Full-Season Hybrids						
Pioneer P2160YHR	314.3	•	•	17.8	0.0	54
Pioneer P1794VYHR	285.8	286.2	•	17.7	0.0	58
REV® 28HR20™	275.5	•	•	17.3	0.0	54
Armor AXC5117	270.9	•	•	17.4	0.0	44
DEKALB DKC 67-14 GENVT2P	255.7	•	•	17.2	0.0	50
AgriGold A6719VT2PRO	255.4	259.6	•	18.0	0.0	56
Pioneer P1916YHR	254.6	•	•	18.2	0.0	46
Augusta A7768	251.9	258.6	•	18.3	0.0	49
Dyna-Gro CX15118	249.9	•	•	17.6	0.0	44
DEKALB DKC 67-72 GENVT2P	249.6	•	•	17.8	0.0	45
Dyna-Gro D57VP51	249.2	263.5	245.9	17.8	0.0	41
DEKALB DKC 68-26 GENVT2P	249.1	•	•	16.9	0.0	46
Delta Grow DG2888	249.1	258.6	•	18.7	0.0	47
AgriGold A6711VT2PRO	243.2	•	•	16.5	0.0	44
NK N83D-3000GT	241.5	244.7	•	18.4	0.0	45
Delta Grow DG3660	234.6	250.4	•	18.2	0.0	47
Augusta A8868	234.5	•	•	18.0	0.0	53
AgriGold A6687VT2PRO	233.1	239.8	•	18.1	1.0	49
Croplan 7927VT3P	232.5	250.2	•	17.9	0.0	52
MorCorn MC4799	227.6	•	•	17.9	0.0	48
Mycogen 2D848	223.8	•	•	18.7	0.0	51
Croplan 8512DGVT2P	221.9	•	•	17.9	0.0	45
Augusta A7068	211.3	•	•	18.2	1.0	49
Progeny PGY 4117VT3P	206.8	•	•	16.3	0.0	48
Armor AXC4119	199.3	225.9	•	17.6	0.0	45
GRAND MEAN	244.8	•	•	17.8	0.1	48
LSD (5%)	25.1	•	•	1.3	•	•
C.V.	8.7	•	•	6.1	•	•

[a] Average yield for 2014 and 2015.

[b] Average yield for 2012, 2014, and 2015.

[c] Average number of plants per hybrid.

Table 10. Performance of Irrigated Corn Hybrids, Marianna, Ark., 2015, continued.

Soil Series:	Calloway silt loam
Soil pH:	7.5
Previous Crop:	Corn
Row Width:	38"
Planting Date:	April 9
Irrigation Dates:	June 13, 29 July 11, 17, 30 August 6

Pre-plant Fertilizer	71 lb/A N, 69/lb A P 120 lb/A K, 24 lb/A S 10 lb/A Zn	} March 31
Sidedress Fertilizer:	161 lb/A N, May 27	
Herbicide Application(s):	Halex + Atrazine, April 9, 23	
Harvest Date:	August 31	

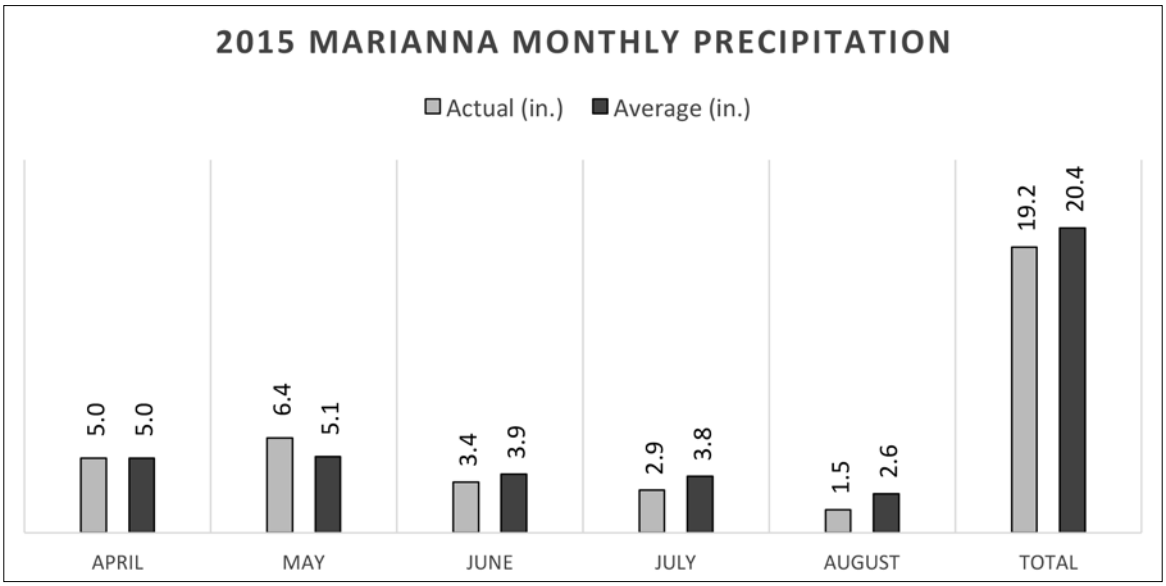


Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2015.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Early- to Mid-Season Hybrids							
Pioneer P1637VYHR	265.8	252.8	•	13.5	0.0	65	3
REV® 25BHR26™	261.3	•	•	13.4	0.0	64	2
BH 8735VTTP	257.8	•	•	13.3	0.0	56	3
REV® 23BHR55™	253.1	269.5	•	13.3	1.0	56	2
Golden Acres G6611	252.2	262.0	260.6	13.4	0.0	48	2
REV® 22BHR43™	251.3	260.5	249.8	13.8	0.0	50	3
Augusta A6465	248.9	•	•	13.0	1.0	53	2
AgriGold A6501VT2RIB	248.7	245.8	•	13.8	3.0	45	1
LG Seeds LG5638VT2RIB	248.5	•	•	13.3	2.0	46	2
Dyna-Gro D54DC94	247.9	•	•	12.9	0.0	54	1
NK N78S-3111	246.7	261.6	256.5	13.3	1.0	57	1
REV® 26BHR50™	246.6	265.7	263.1	14.5	2.0	55	3
Croplan 6640VT3P	245.4	242.1	248.9	13.4	0.0	45	2
BH 8688DG2P	243.4	•	•	13.1	1.0	52	3
Dyna-Gro D55VP77	242.2	245.4	245.8	13.5	1.0	41	3
BH 8732VTTP	242.1	247.0	•	13.1	0.0	56	2
MorCorn MC4354	241.7	249.3	•	13.3	2.0	47	2
Progeny PGY 4115VT2P	241.1	232.5	•	14.0	3.0	44	1
MorCorn MC4377	240.8	•	•	13.2	0.0	53	2
DEKALB DKC 62-08 GENSS	240.2	245.9	246.5	13.0	0.0	53	3
AgriGold A6574VT2PRO	239.8	•	•	13.7	1.0	44	1
Mycogen 2C797	239.2	248.3	•	12.9	0.0	53	1
BH 8660VTTP	238.3	247.9	241.0	13.7	0.0	52	1
Dyna-Gro D55QC73	238.3	250.2	•	13.7	0.0	57	2
Armor A1621PRO	236.9	•	•	13.0	0.0	47	3
DEKALB DKC 66-87 GENVT2P	236.8	250.0	253.8	12.5	0.0	50	3
Pioneer P1311YHR	236.2	•	•	13.0	0.0	63	3
Armor A1414PDG	236.2	•	•	13.2	0.0	52	1
MorCorn MCXP-1510	234.2	•	•	13.2	1.0	52	1
AgriGold A6659VT2RIB	233.9	248.9	•	13.9	2.0	50	2
Dyna-Gro D54VP81	232.8	243.4	243.8	13.7	4.0	45	3
Mycogen X13726VH	230.1	•	•	13.7	1.0	58	3
Augusta A7767	230.1	•	•	13.8	0.0	47	2
Progeny PGY 4114VT2P	228.3	215.9	•	13.5	1.0	53	3
DEKALB DKC 66-59 GENVT2P	228.0	•	•	13.8	0.0	51	3
DEKALB DKC 63-60 GEN33	227.3	•	•	13.4	1.0	57	3
REV® 24BHR93™	226.5	249.0	257.5	13.2	0.0	53	2
Mycogen X13813VH	225.3	•	•	13.3	0.0	55	2
AgriGold A6573VT2RIB	225.3	231.8	•	13.1	1.0	43	1
AgriGold A6559VT2RIB	224.2	236.3	•	13.3	0.0	48	3
Mycogen 2Y744	223.0	235.1	•	13.0	2.0	38	2
Dyna-Gro D56VC46	222.8	243.7	245.6	13.8	0.0	47	2
Progeny EXP16VT2P	222.5	•	•	13.3	0.0	50	2
Golden Acres 26V21	222.0	243.1	241.7	12.7	1.0	51	3
NK N79Z-3111	221.5	238.7	•	14.1	0.0	54	2

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Early- to Mid-Season Hybrids Continued							
Armor AXC5112	221.3	•	•	12.9	1.0	49	2
Armor A0808PRO	220.6	•	•	12.5	0.0	49	2
NK N76A-GT/CB/LL	217.5	•	•	12.9	1.0	45	3
AgriGold A6579STX	212.5	•	•	13.4	4.0	52	1
Progeny PGY 5115VT2P	211.7	219.4	•	12.9	3.0	46	2
AgriGold A6499VT2RIB	210.5	227.6	•	13.3	1.0	48	2
MorCorn MC4319	204.4	•	•	13.5	1.0	54	3
LG Seeds LG5663VT2PRO	201.8	•	•	13.7	1.0	49	2
NK N79M-GT/CB/LL	199.4	•	•	13.3	1.0	55	3
Mycogen X13759S3	197.2	•	•	12.8	0.0	52	1
Mycogen 2C786	196.2	213.7	221.2	13.1	1.0	48	1
LG Seeds LG5618STXRIB	193.9	224.2	•	13.4	1.0	44	1
NK N75H-3010A	180.5	•	•	14.0	6.0	48	3
Armor A1033PRO	175.1	•	•	12.7	1.0	43	3
GRAND MEAN	229.9	•	•	13.3	0.8	51	2
LSD (5%)	20.1	•	•	0.5	1.7	•	•
C.V.	7.5	•	•	3.1	•	•	•

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Mid- to Full-Season Hybrids							
Pioneer P2160YHR	279.5	•	•	14.2	1.0	57	2
Pioneer P1794VYHR	265.3	274.3	•	13.5	1.0	59	3
AgriGold A6711VT2PRO	259.6	•	•	13.8	2.0	52	1
Dyna-Gro CX15118	258.3	•	•	13.8	1.0	51	3
DEKALB DKC 67-14 GENVT2P	257.3	•	•	14.0	1.0	51	1
Dyna-Gro D57VP51	254.9	260.4	254.0	14.2	2.0	47	3
DEKALB DKC 67-72 GENVT2P	253.5	•	•	14.0	1.0	47	1
Augusta A7768	250.5	262.9	•	13.6	1.0	52	1
AgriGold A6719VT2PRO	245.4	246.4	•	13.9	0.0	56	3
Croplan 8512DGVT2P	239.7	•	•	13.2	1.0	53	1
Pioneer P1916YHR	238.5	•	•	14.8	0.0	53	2
Armor AXC5117	237.6	•	•	13.4	0.0	48	3
Augusta A8868	235.8	•	•	13.0	0.0	58	3
Delta Grow DG2888	235.5	245.2	•	14.4	0.0	56	3
REV® 28HR20™	234.6	•	•	13.7	1.0	65	1
DEKALB DKC 68-26 GENVT2P	233.1	•	•	13.8	1.0	44	2
Mycogen 2D848	230.8	•	•	14.9	0.0	56	1
Croplan 7927VT3P	228.3	241.2	•	13.2	0.0	53	2
Delta Grow DG3660	226.1	240.4	•	14.4	1.0	62	1
Armor AXC4119	224.2	229.3	•	14.3	1.0	47	1
Augusta A7068	220.8	•	•	14.1	0.0	48	1
MorCorn MC4799	218.3	•	•	13.3	0.0	54	3
AgriGold A6687VT2PRO	216.2	232.5	240.9	14.1	1.0	49	1
NK N83D-3000GT	213.1	226.0	•	14.5	1.0	48	3
Progeny PGY 4117VT3P	206.1	•	•	12.8	0.0	53	3
GRAND MEAN	238.5	•	•	13.9	0.6	53	2
LSD (5%)	16.3	•	•	0.6	1.0	•	•
C.V.	5.8	•	•	3.6	•	•	•

[a] Average yield for 2014 and 2015.

[b] Average yield for 2013, 2014, and 2015.

[c] Average number of plants per hybrid.

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

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, Ark., 2015, continued.

Soil Series:	Crowley silt loam
Soil pH:	6.1
Previous Crop:	Soybean
Row Width:	30"
Planting Date:	May 1
Irrigation Dates:	June 11, 25 July 14, 23 August 12

Preplant Fertilizer:	80 lb/A N, 90 lb/A P 90 lb/A K, 21 lb/A S 10 lb/A Zn	} April 3
Sidedress Fertilizer:	92 lb/A N, May 22, June 10	
Lime Application:	1800 lb/A, March 10	
Herbicide Application(s):	Dual Magnum + Atrazine, April 8	
Harvest Date:	September 16	

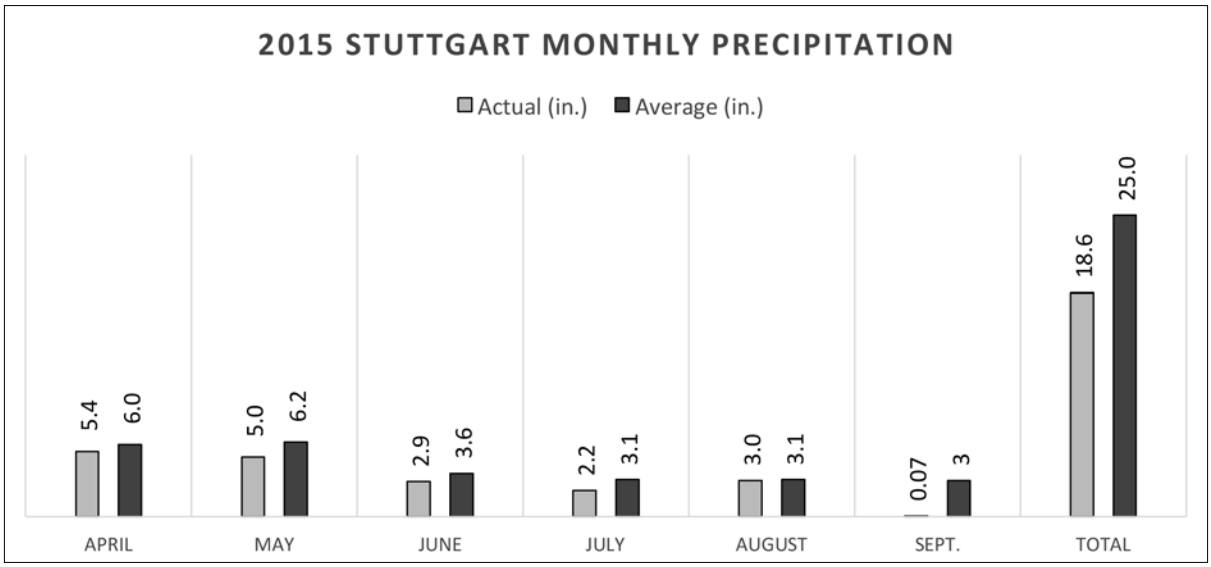


Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2015.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Ear Height (in.)	Tip[c] Cover	Plants Per Acre
Early- to Mid-Season Hybrids							
BH 8735VTTP	261.2	•	•	16.9	54	1.0	36224
MorCorn MC4377	256.0	•	•	17.3	50	1.0	32899
BH 8688DG2P	254.8	•	•	16.3	51	1.0	36682
AgriGold A6659VT2RIB	252.5	253.9	•	16.3	48	1.0	36109
REV® 23BHR55™	251.3	270.3	•	15.9	48	2.0	34619
Augusta A6465	250.7	•	•	16.9	57	1.0	38058
REV® 25BHR26™	249.1	•	•	15.7	53	1.0	35306
BH 8732VTTP	248.7	263.0	•	17.1	54	1.0	35765
DEKALB DKC 66-87 GENVT2P	248.1	255.8	258.9	16.5	45	1.0	36109
Augusta A7767	248.0	•	•	16.8	51	1.0	36109
Pioneer P1637VYHR	247.0	272.9	•	15.7	56	1.0	37255
Croplan 6640VT3P	246.4	254.6	259.3	16.9	40	1.0	34504
MorCorn MCXP-1510	246.3	•	•	16.0	53	1.0	36338
Golden Acres G6611	246.2	253.4	250.1	16.1	47	1.0	38746
AgriGold A6501VT2RIB	245.7	251.2	•	17.3	43	1.0	36453
REV® 26BHR50™	245.7	265.2	260.4	19.6	52	1.0	34389
AgriGold A6499VT2RIB	244.8	253.0	•	16.5	48	1.0	38975
Armor AXC5112	243.7	•	•	16.6	47	1.0	35880
MorCorn MC4319	243.0	•	•	18.2	50	1.0	33931
LG Seeds LG5618STXRIB	242.3	243.2	•	17.5	42	1.0	38402
NK N78S-3111	241.8	255.6	254.5	17.1	52	1.0	34390
Dyna-Gro D55VP77	241.1	247.0	249.7	16.0	44	1.0	36109
Armor A1621PRO	241.1	•	•	16.9	52	1.0	36682
Progeny PGY 5115VT2P	239.7	247.8	•	16.3	46	1.0	36109
Armor A1414PDG	237.8	•	•	16.5	53	1.0	34733
Dyna-Gro D56VC46	237.5	237.3	245.1	18.0	43	1.0	33358
REV® 24BHR93™	237.1	258.9	261.9	16.8	48	1.0	33816
BH 8660VTTP	236.7	251.7	255.4	16.2	48	1.0	37026
Mycogen X13726VH	236.4	•	•	21.0	55	1.0	33587
MorCorn MC4354	236.1	245.0	•	17.1	38	1.0	35077
AgriGold A6559VT2RIB	234.5	236.4	•	15.9	49	1.0	33014
Dyna-Gro D54DC94	234.2	•	•	17.5	55	2.0	34045
Mycogen 2C797	234.2	245.1	•	15.8	52	1.0	35879
Mycogen X13813VH	234.1	•	•	16.1	55	1.0	35880
Dyna-Gro D54VP81	233.5	244.7	248.1	17.4	42	1.0	33128
LG Seeds LG5638VT2RIB	232.7	•	•	16.4	46	1.0	36797
Mycogen 2C786	231.8	245.9	251.8	15.7	46	1.0	39089
NK N79M-GT/CB/LL	231.7	•	•	17.2	47	1.0	37255
LG Seeds LG5663VT2PRO	230.9	•	•	17.8	50	1.0	40121
DEKALB DKC 66-59 GENVT2P	228.4	•	•	17.6	49	1.0	33931
Mycogen 2Y744	227.5	246.7	•	15.8	41	1.0	36338
Progeny PGY 4114VT2P	227.5	238.2	•	15.6	42	1.0	31524
Mycogen X13759S3	227.1	•	•	15.1	50	1.0	35421
Pioneer P1311YHR	226.2	•	•	16.3	56	1.0	34619
AgriGold A6579STX	226.1	•	•	16.6	51	1.0	34390

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Ear Height (in.)	Tip[c] Cover	Plants Per Acre
Early- to Mid-Season Hybrids Continued							
Dyna-Gro D55QC73	226.1	252.4	•	16.8	52	1.0	34160
Armor A0808PRO	225.3	•	•	15.6	48	2.0	35421
DEKALB DKC 63-60 GEN33	225.2	•	•	16.2	52	1.0	37599
Golden Acres 26V21	221.3	245.9	242.8	18.2	48	1.0	39663
REV® 22BHR43™	220.6	236.6	234.1	16.3	50	1.0	32899
Progeny EXP16VT2P	220.4	•	•	16.2	43	1.0	35192
NK N76A-GT/CB/LL	220.2	•	•	16.2	45	1.0	36109
Armor A1033PRO	213.7	•	•	15.1	52	1.0	34734
NK N79Z-3111	211.8	221.4	•	17.3	53	1.0	35650
AgriGold A6573VT2RIB	211.5	229.1	•	16.0	37	1.0	36912
Progeny PGY 4115VT2P	209.0	240.2	•	19.2	43	1.0	31753
AgriGold A6574VT2PRO	207.1	•	•	17.3	42	1.0	33931
NK N75H-3010A	204.0	•	•	16.8	43	1.0	35192
DEKALB DKC 62-08 GENSS	191.5	225.5	228.9	15.6	47	1.0	34962
GRAND MEAN	234.3	•	•	16.7	48	1.1	35580
LSD (5%)	20.5	•	•	1.4	•	•	3641
C.V.	6.5	•	•	6.1	•	•	8

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Ear Height (in.)	Tip[c] Cover	Plants Per Acre
Mid- to Full-Season							
Augusta A7768	266.8	259.9	•	20.1	50	1.0	36338
Dyna-Gro D57VP51	258.8	261.0	260.1	17.9	47	1.0	36191
Armor AXC4119	256.0	251.0	•	18.8	44	1.0	34160
Augusta A7068	252.8	•	•	18.2	47	1.0	35192
AgriGold A6719VT2PRO	250.3	252.2	•	17.4	55	1.0	35306
Pioneer P1794VYHR	249.7	262.9	•	17.6	55	1.0	35536
DEKALB DKC 68-26 GENVT2P	248.8	•	•	16.6	48	1.0	36224
DEKALB DKC 67-14 GENVT2P	248.5	•	•	16.7	49	1.0	35994
Pioneer P2160YHR	248.0	•	•	19.0	54	1.0	35192
AgriGold A6687VT2PRO	247.0	255.5	255.1	17.5	50	1.0	31294
Mycogen 2D848	245.1	•	•	18.8	52	1.0	37599
AgriGold A6711VT2PRO	244.9	•	•	17.1	46	1.0	31065
REV® 28HR20™	244.3	•	•	18.6	57	1.0	32899
Croplan 7927VT3P	243.3	251.7	•	17.4	54	1.0	31409
DEKALB DKC 67-72 GENVT2P	242.8	•	•	16.9	46	1.0	36682
MorCorn MC4799	242.5	•	•	18.3	49	1.0	31868
Dyna-Gro CX15118	240.5	•	•	18.0	50	1.0	34848
Pioneer P1916YHR	232.4	•	•	22.3	45	1.0	36109
Armor AXC5117	232.4	•	•	16.8	50	1.0	27970
Delta Grow DG3660	231.3	242.3	•	19.0	51	1.0	30271
Augusta A8868	229.2	•	•	17.7	53	1.0	32785
Delta Grow DG2888	219.8	240.7	•	18.6	54	1.0	30034
Progeny PGY 4117VT3P	213.3	•	•	16.9	50	1.0	29919
Croplan 8512DGVT2P	211.2	•	•	19.8	47	1.0	32097
NK N83D-3000GT	210.1	231.6	•	18.2	50	1.0	29804
GRAND MEAN	240.4	•	•	18.2	50	1.0	33471
LSD (5%)	19.7	•	•	2.0	•	•	3665
C.V.	6.0	•	•	8.1	•	•	8

[a] Average yield for 2014 and 2015.

[b] Average yield for 2013, 2014, and 2015.

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

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, Ark., 2015, continued.

Soil Series:	Herbert silt loam
Soil pH:	7.2
Previous Crop:	Soybean
Row Width:	38"
Planting Date:	April 9
Irrigation Dates:	June 11, 24, 30 July 14, 24 August 4
Preplant Fertilizer:	78 lb/A K, Feb. 11
Sidedress Fertilizer:	150 units 32% N, May 14, 15
Herbicide Application(s):	Dual II Magnum + Atrazine + Roundup PowerMax, April 9
Fungicide Application(s):	Stratego Yield, July 11
Harvest Date:	September 3

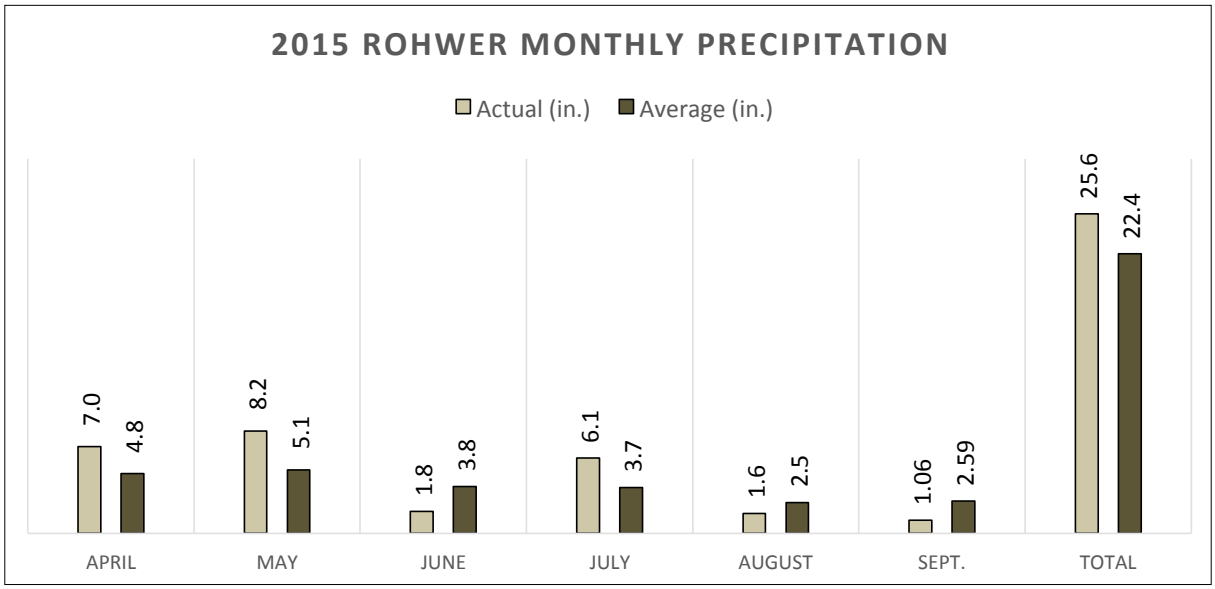


Table 13. Performance of Irrigated Corn Hybrids, Bell Farming Company, Des Arc, Ark., 2015.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Early- to Mid-Season Hybrids							
Pioneer P1637VYHR	281.9	267.0	•	15.3	0.0	52	3
Dyna-Gro D54DC94	270.2	•	•	15.6	0.0	50	2
BH 8688DG2P	264.4	•	•	16.1	0.0	50	1
AgriGold A6659VT2RIB	258.0	234.8	•	15.7	0.0	45	3
Augusta A6465	252.8	•	•	15.9	0.0	47	1
AgriGold A6559VT2RIB	252.7	236.5	•	15.1	0.0	45	2
REV® 25BHR26™	252.6	•	•	16.1	0.0	52	3
REV® 26BHR50™	251.8	248.7	254.0	17.2	0.0	43	2
MorCorn MC4377	251.6	•	•	16.1	0.0	51	3
DEKALB DKC 66-87 GENVT2P	241.5	237.1	246.4	15.2	0.0	46	3
Dyna-Gro D55QC73	239.5	245.4	•	16.5	0.0	52	2
MorCorn MCXP-1510	238.8	•	•	15.7	0.0	47	1
Armor A1414PDG	238.5	•	•	15.6	0.0	51	2
Mycogen X13726VH	238.0	•	•	16.9	0.0	48	1
Croplan 6640VT3P	237.3	215.7	232.2	15.5	0.0	44	1
REV® 23BHR55™	236.6	245.0	•	15.2	0.0	48	2
BH 8732VTTP	235.8	247.8	•	15.4	0.0	53	2
Dyna-Gro D56VC46	235.6	223.0	229.7	16.4	0.0	45	2
AgriGold A6501VT2RIB	234.9	213.4	•	16.8	0.0	44	2
BH 8735VTTP	234.2	•	•	16.3	0.0	49	2
Augusta A7767	233.5	•	•	16.4	0.0	47	1
LG Seeds LG5638VT2RIB	233.1	•	•	15.1	0.0	38	1
Dyna-Gro D54VP81	232.8	213.5	226.6	16.7	0.0	39	1
Armor A1621PRO	232.4	•	•	16.2	0.0	48	1
NK N79Z-3111	232.0	229.0	•	17.7	0.0	49	2
REV® 22BHR43™	232.0	243.8	243.7	16.1	0.0	50	1
AgriGold A6499VT2RIB	230.9	224.6	•	15.6	0.0	38	1
Progeny PGY 4114VT2P	229.9	221.9	•	15.6	0.0	50	2
DEKALB DKC 62-08 GENSS	229.3	227.3	232.1	15.7	0.0	44	1
AgriGold A6579STX	228.7	•	•	15.0	0.0	40	2
LG Seeds LG5663VT2PRO	228.5	•	•	17.3	0.0	48	1
BH 8660VTTP	228.3	235.8	240.3	16.8	0.0	46	1
NK N78S-3111	228.1	222.9	230.8	17.0	0.0	47	1
Progeny PGY 4115VT2P	227.5	218.1	•	16.8	0.0	38	3
Mycogen 2C786	226.4	210.9	220.3	14.6	0.0	48	2
MorCorn MC4319	226.3	•	•	17.0	0.0	47	1
AgriGold A6573VT2RIB	226.2	202.5	•	15.4	0.0	37	1
LG Seeds LG5618STXRIB	225.6	217.7	•	16.4	0.0	42	2
DEKALB DKC 66-59 GENVT2P	225.4	•	•	16.6	0.0	47	2
Golden Acres G6611	224.4	220.8	231.2	16.2	0.0	45	2
Pioneer P1311YHR	222.4	•	•	15.4	0.0	45	2
Progeny EXP16VT2P	222.3	•	•	16.0	0.0	36	1
MorCorn MC4354	222.2	219.0	•	15.4	0.0	40	1
Mycogen X13813VH	222.0	•	•	15.9	0.0	52	1
Dyna-Gro D55VP77	221.8	219.6	230.3	16.0	0.0	41	2

Table 13. Performance of Irrigated Corn Hybrids, Bell Farming Company, Des Arc, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Early- to Mid-Season Hybrids Continued							
AgriGold A6574VT2PRO	220.8	•	•	16.0	0.0	40	1
Mycogen 2C797	220.1	214.4	•	15.4	0.0	48	2
DEKALB DKC 63-60 GEN33	220.0	•	•	16.4	0.0	44	2
Armor A0808PRO	219.6	•	•	14.0	0.0	48	1
NK N75H-3010A	216.9	•	•	16.1	0.0	39	1
NK N76A-GT/CB/LL	215.5	•	•	16.0	0.0	43	1
REV® 24BHR93™	214.6	241.5	254.8	16.8	0.0	45	2
Progeny PGY 5115VT2P	213.7	205.9	•	15.3	0.0	30	1
Golden Acres 26V21	213.6	211.6	220.7	17.0	0.0	50	1
Armor AXC5112	212.6	•	•	15.0	0.0	44	2
NK N79M-GT/CB/LL	208.7	•	•	17.1	0.0	52	2
Mycogen 2Y744	208.7	209.7	•	15.3	0.0	36	1
Mycogen X13759S3	205.8	•	•	14.4	0.0	50	2
Armor A1033PRO	202.4	•	•	15.1	0.0	40	3
GRAND MEAN	231.0	•	•	15.9	0.0	45	2
LSD (5%)	18.0	•	•	0.6	•	•	•
C.V.	6.7	•	•	3.0	•	•	•

Table 13. Performance of Irrigated Corn Hybrids, Bell Farming Company, Des Arc, Ark., 2015, continued.

Brand/Hybrid	Yield (bu./A)	2-Year[a] Avg. (bu./A)	3-Year[b] Avg. (bu./A)	Grain Moisture (%)	Stalk[c] Lodging	Ear Height (in.)	Tip[d] Cover
Mid- to Full-Season Hybrids							
Dyna-Gro CX15118	260.6	•	•	16.1	0.0	44	1
Pioneer P1794VYHR	259.0	244.9	•	15.6	0.0	54	1
Armor AXC5117	255.5	•	•	16.5	0.0	41	2
AgriGold A6711VT2PRO	254.2	•	•	16.1	0.0	49	1
DEKALB DKC 67-14 GENVT2P	250.7	•	•	16.1	0.0	46	1
Augusta A7768	248.6	234.1	•	18.6	0.0	52	2
Dyna-Gro D57VP51	238.4	221.3	226.6	16.1	0.0	46	1
AgriGold A6719VT2PRO	238.3	229.6	•	16.2	0.0	56	1
Pioneer P2160YHR	238.0	•	•	17.3	0.0	50	1
Delta Grow DG2888	236.1	238.6	•	17.5	0.0	49	1
DEKALB DKC 67-72 GENVT2P	231.5	•	•	17.0	0.0	42	1
DEKALB DKC 68-26 GENVT2P	231.0	•	•	16.1	0.0	51	1
Augusta A8868	230.3	•	•	15.1	0.0	53	1
AgriGold A6687VT2PRO	229.1	220.4	232.7	16.4	0.0	47	1
MorCorn MC4799	228.6	•	•	15.6	0.0	48	1
NK N83D-3000GT	223.7	212.2	•	18.9	0.0	48	2
Croplan 8512DGVT2P	221.9	•	•	16.4	0.0	42	1
Croplan 7927VT3P	220.2	224.5	•	15.7	0.0	51	2
Delta Grow DG3660	219.1	200.9	•	17.2	0.0	50	1
Pioneer P1916YHR	219.0	•	•	17.7	0.0	49	1
REV® 28HR20™	211.8	•	•	16.5	0.0	54	1
Mycogen 2D848	201.3	•	•	18.7	0.0	53	1
Augusta A7068	190.4	•	•	16.6	0.0	44	1
Armor AXC4119	190.1	187.5	•	17.2	0.0	47	1
Progeny PGY 4117VT3P	188.8	•	•	15.8	0.0	49	2
GRAND MEAN	228.6	•	•	16.7	0.0	49	1
LSD (5%)	17.7	•	•	0.6	•	•	•
C.V.	6.5	•	•	3.0	•	•	•

[a] Average yield for 2014 and 2015.

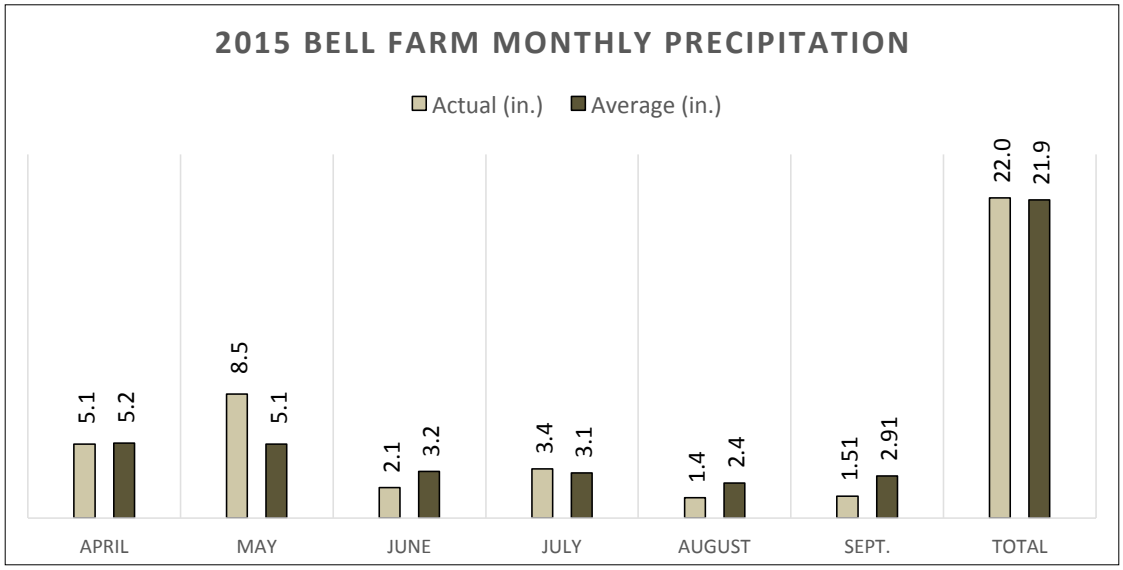
[b] Average yield for 2013, 2014, and 2015.

[c] Average number of plants per hybrid.

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

Table 13. Performance of Irrigated Corn Hybrids, Bell Farming Company, Des Arc, Ark., 2015, continued.

Soil Series:	Calhoun silt loam	**Preplant Fertilizer:**	1.25 tons/A chicken litter 140 units N, 46 units P 60 units K, 48 units S
Previous Crop:	Soybean	**Sidedress Fertilizer:**	25 gal/A 32% N, May 25 32 oz/A Boron, May 25 100 lb/A urea, June 16
Row Width:	30"	**Herbicide Application(s):**	Halex + Atrazine, May 25
Planting Date:	May 1	**Harvest Date:**	September 16
Irrigation Dates:	Irrigated 7 times		



Participants and Entries
2015 Grain Sorghum Tests

Company	Hybrids
Advanta P.O. Box 2685 Amarillo, TX 79105	Alta Seeds AG1203 Alta Seeds AG2103 Alta Seeds AG2105 Alta Seeds AG2115 Alta Seeds AG3101 Alta Seeds AG3201 Alta Seeds XG02008 Alta Seeds XG30001 Alta Seeds XG30002 Alta Seeds XG30003
Armor Seed, LLC 183 Pennsylvania Ave. Waldenburg, AR 72475	Armor AMX12423 Armor AMX9060 Armor AMX91743 Armor AMX9813 Armor AMX9957 Armor AMX99773 Armor BANDIT Armor Maverick
Crop Production Services 1673 N. US Hwy 61 Portageville, MO 63873	Dyna-Gro 765B Dyna-Gro GX13231 Dyna-Gro M75GB39 Dyna-Gro M77GB52
Dow AgroSciences / Mycogen Seeds 107 Meritt Cove Marion, AR 72364	Mycogen 1G855
Dupont Pioneer 59 Greif Parkway, Suite 200 Delaware, OH 43015	Pioneer 83P99 Pioneer 84P80
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKS51-01 DEKALB DKS53-53
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	REV® 9562™ REV® 9782™ REV® 9924™

Participants and Entries
2015 Corn Tests

Company	Hybrids
AgriGold Hybrids 5381 Akin Rd St. Francisville, IL 62460	AgriGold A6499VT2RIB AgriGold A6501VT2RIB AgriGold A6559VT2RIB AgriGold A6573VT2RIB AgriGold A6574VT2PRO AgriGold A6579STX AgriGold A6659VT2RIB AgriGold A6687VT2PRO AgriGold A6711VT2PRO AgriGold A6719VT2PRO
Armor Seed P.O. Box 178 Fisher, AR 72429	Armor A0808PRO Armor A1033PRO Armor A1414PDG Armor A1621PRO Armor AXC5112 Armor AXC4119 Armor AXC5117
Augusta Seed Coop. P.O. Box 899 Verona, VA 24482	Augusta A6465VT2Pro Augusta A7767VT2Pro Augusta A7068VT2Pro Augusta A7768GT3110 Augusta A8868VT2Pro
B-H Genetics 5933 FM 1157 Ganado, TX 77962	BH 8660VTTP BH 8688DG2P BH 8732VTTP BH 8735VTTP
Crop Production Services 1673 N. US Hwy 61 Portageville, MO 63873	Dyna-Gro D54DC94 Dyna-Gro D54VP81 Dyna-Gro D55QC73 Dyna-Gro D55VP77 Dyna-Gro D56VC46 Dyna-Gro CX15118 Dyna-Gro D57VP51
Delta Grow Seed P.O. Box 219 England, AR 72046	Delta Grow DG2888 Delta Grow DG3660

Participants and Entries
2015 Corn Tests Continued

Company	Hybrids
Dow AgroSciences / Mycogen Seeds 107 Meritt Cove Marion, AR 72364	Mycogen 2C786 Mycogen 2C797 Mycogen 2Y744 Mycogen X13726VH Mycogen X13759S3 Mycogen X13813VH Mycogen 2D848
Dupont Pioneer 59 Greif Parkway, Suite 200 Delaware, OH 43015	Pioneer P1311YHR Pioneer P1637VYHR Pioneer P1794VYHR Pioneer P1916YHR Pioneer P2160YHR
Golden Acres Genetics P.O. Box 579 Buchanan Dam, TX 78609	Golden Acres 26V21 Golden Acres G6611
Land O'Lakes - **Winfield Solutions, LLC** 4990 County Road 583 Blytheville, AR 72315	Croplan 6640VT3P Croplan 7927VT3P Croplan 8512DGVT2P
LG Seeds Inc. 22827 Shissler Rd. Elmwood, IL 61529	LG Seeds LG5618STXRIB LG Seeds LG5638VT2RIB LG Seeds LG5663VT2PRO
MFA Inc. 201 Ray Young Dr. Columbia, MO 65201	MorCorn MC4319 MorCorn MC4354 MorCorn MC4377 MorCorn MCXP-1510 MorCorn MC4799
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKC 62-08 GENSS DEKALB DKC 63-60 GEN33 DEKALB DKC 66-59 GENVT2P DEKALB DKC 66-87 GENVT2P DEKALB DKC 67-14 GENVT2P DEKALB DKC 67-72 GENVT2P DEKALB DKC 68-26 GENVT2P

Participants and Entries
2015 Corn Tests Continued

Company	Hybrids
Progeny Ag Products 1529 Highway 193 Wynne, AR 72396	Progeny EXP16VT2P Progeny PGY 4114VT2P Progeny PGY 4115VT2P Progeny PGY 5115VT2P Progeny PGY 4117VT3P
Syngenta Seeds 27 Kelly Court Cabot, AR 72023	NK N75H-3010A NK N76A-GT/CB/LL NK N78S-3111 NK N79M-GT/CB/LL NK N79Z-3111 NK N83D-3000GT
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	REV® 22BHR43™ REV® 23BHR55™ REV® 24BHR93™ REV® 25BHR26™ REV® 26BHR50™ REV® 28HR20™

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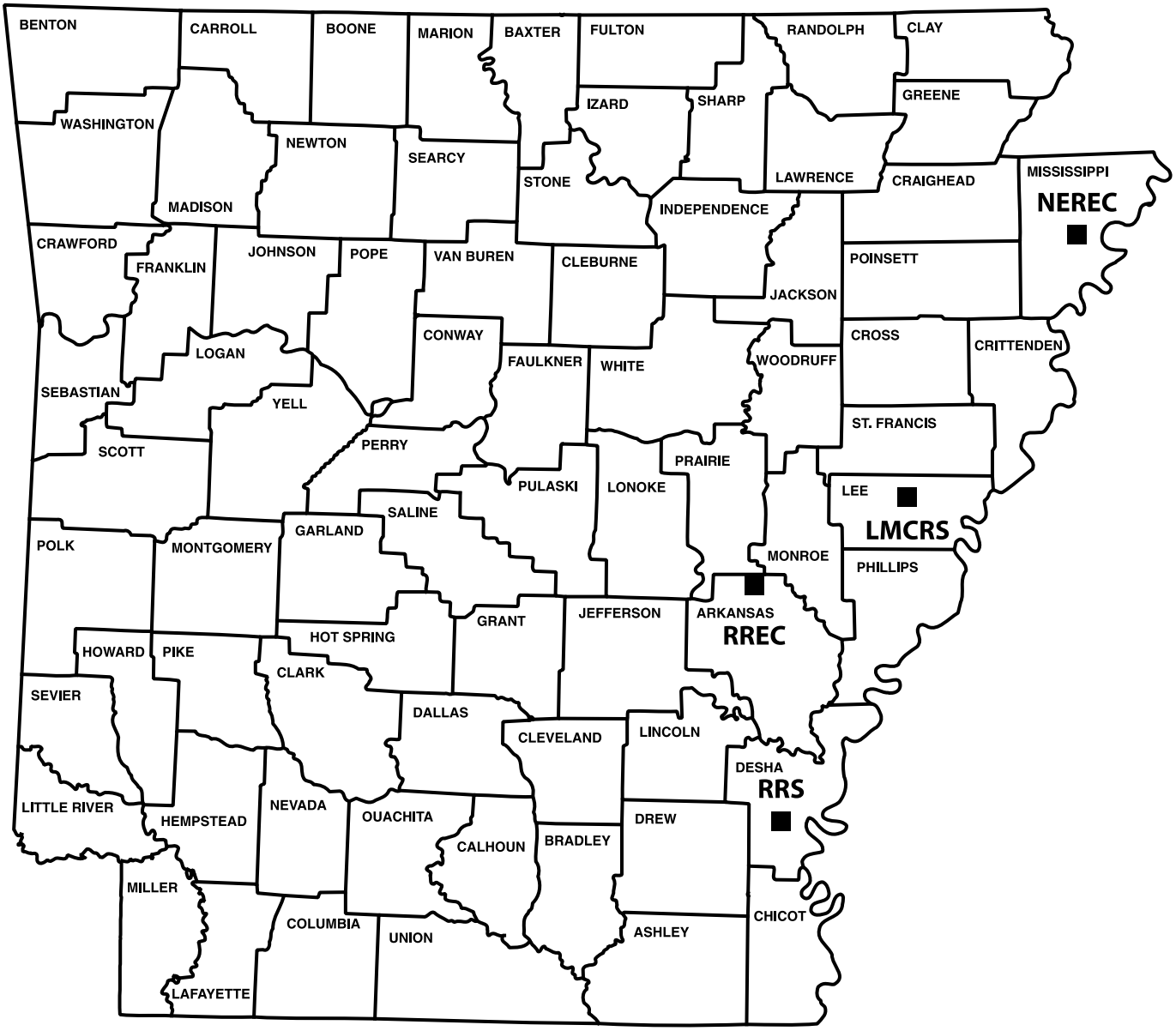
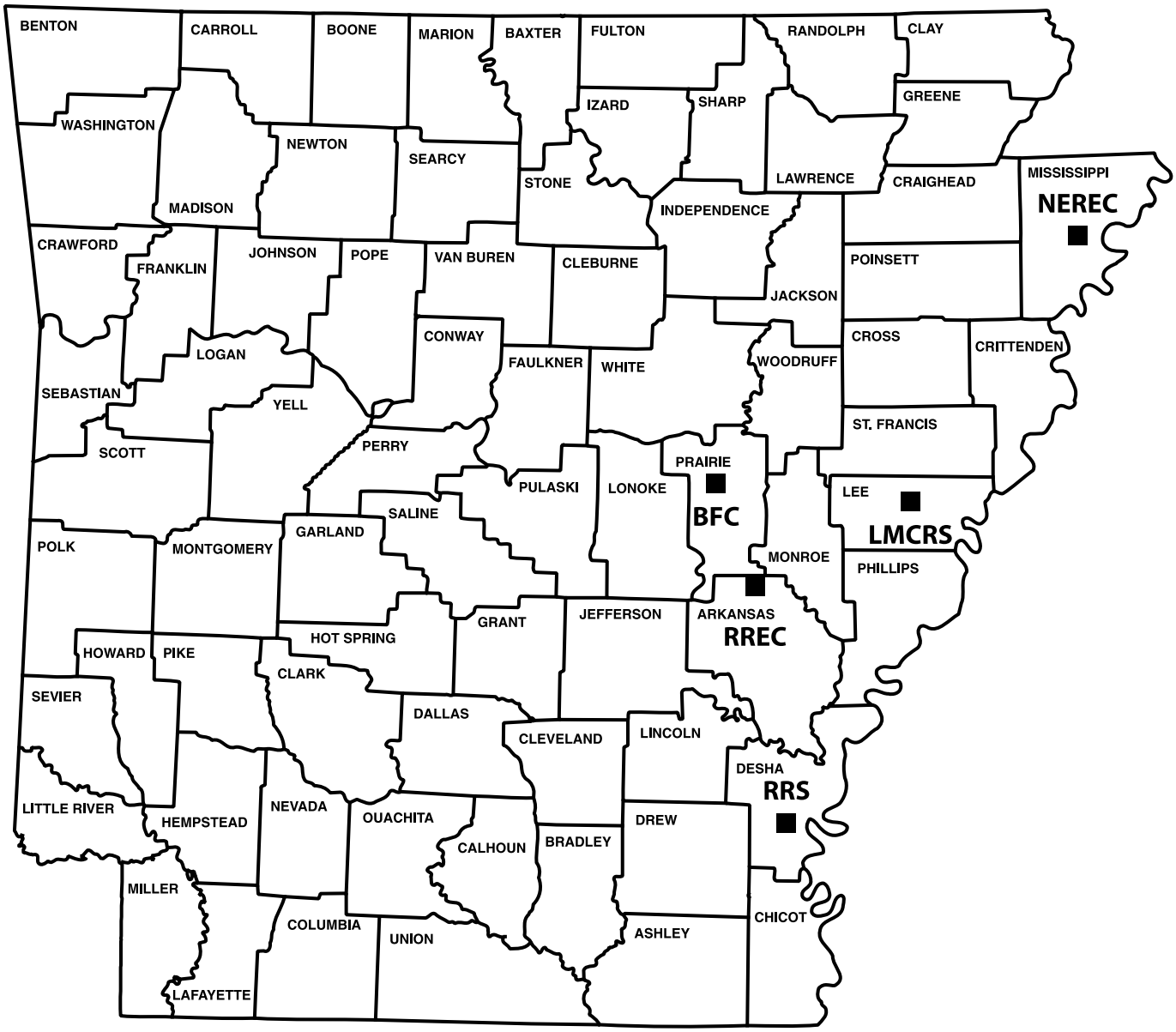
GRAIN SORGHUM TEST LOCATIONS



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**
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DIVISION OF AGRICULTURE

RESEARCH & EXTENSION

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