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Arkansas Corn and Grain Sorghum Performance Tests 2007

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ARKANSAS AGRICULTURAL EXPERIMENT STATION

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ARKANSAS CORN AND GRAIN SORGHUM PERFORMANCE TESTS[1] 2007

D.G. Dombek,[2] R.D. Bond,[3] I.L. Eldridge[4] and R.M. Pryor[5]

INTRODUCTION

Corn and grain sorghum performance tests are conducted each year in Arkansas by the University of Arkansas 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 2007 corn performance tests contained 82 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 Southeast Research and Extension Center - Rohwer Division (SEREC-RD) near Rohwer, the Rice Research and Extension Center (RREC) near Stuttgart, and the Dale Seiler Farm, LaFayette County, Arkansas. The 2007 grain sorghum performance tests contained 22 entries and were conducted at the NEREC, the LMCRS, the SEREC-RD, and the RREC. Test location maps for grain sorghum and corn can be found inside the back cover.

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 each corn and grain sorghum hybrid were based on the recommendations of the originating company.

All plots were harvested with a plot combine. 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 pounds per acre (lbs./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 rectanglar 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 count, 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.

Test Weight: Test weights, expressed in pounds per bushel (lbs./bu), were determined using subsamples from plots.

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 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 the ears were open to the weather.

Table 1. Yields (lbs./A) of Grain Sorghum Hybrids in Arkansas Performance Tests, 2007[1].

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Rohwer Nonirrigated	Average
				lbs./A			
ASGROW A571	10559	7449	9262	8340	6853	7160	8271
ASGROW A603	9916	6763	9402	7906	6961	6055	7834
DEKALB DKS37-07	8171	2811	8002	5747	6215	5961	6151
DEKALB DKS53-67	10612	6418	10391	8973	7617	8215	8704
DEKALB DKS54-00	10578	7132	10326	8972	7695	7656	8727
Dyna-Gro 751B	10119	6565	9729	7870	5613	6020	7653
Dyna-Gro 754B	9036	5295	7965	6173	5961	5715	6691
Dyna-Gro 758B	8885	5846	8545	6829	5995	6315	7069
Dyna-Gro 772B	10082	5494	10070	8178	6804	6302	7822
Dyna-Gro 780B	10300	6612	9731	8288	5980	6599	7918
Dyna-Gro GX06170	10554	6567	11621	8463	7601	7371	8696
Dyna-Gro GX07064	8063	3523	6360	5834	5385	5150	5719
Dyna-Gro GX07163	9475	5193	9798	7326	6323	7035	7525
Dyna-Gro GX07467	10717	6040	10862	8331	6830	6901	8280
FFR 322	9968	5663	9646	7366	6645	6395	7614
Pioneer 84G62	11178	6373	9722	8241	6751	7273	8256
Terral TV1050	10620	5995	10125	7908	6597	6794	8007
Terral TV93S72	8332	4376	7875	5546	6046	6144	6387
Terral TV9421	9217	5241	10350	6851	6166	6599	7404
Terral TV96H81	9569	5891	9680	7512	6178	6723	7592
Terral TV96H91	10062	6560	8440	5755	6820	6848	7414
Triumph TR82-G	10897	7161	10397	9153	5922	6338	8311
Grand mean	9860	5862	9468	7526	6498	6617	7639
LSD (5%)	902	770	777	1092	700	708	•
C.V. (%)	6.5	9.4	5.9	10.2	7.7	7.6	•

[1]Keiser Irr. = Northeast Research and Extension Center
Keiser Nonirr. = Northeast Research and Extension Center
Marianna Irrigated = Lon Mann Cotton Research Station
Stuttgart Irr. = Rice Research and Extension Center
Rohwer Irr. = Southeast Research and Extension Center - Rohwer Division
Rohwer Nonirr. = Southeast Research and Extension Center - Rohwer Division

Table 2. Performance of Irrigated Grain Sorghum Hybrids, Keiser, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Avg. lbs./A	3-Year Avg. lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches	Head Comp. Rating	Bird Damage %
Pioneer 84G62	11178	9526	9233	11.7	60	6	3	0.0
Triumph TR82-G	10897	▪	▪	12.0	65	7	1	0.0
Dyna-Gro GX07467	10717	▪	▪	11.7	66	8	3	0.0
Terral TV1050	10620	8858	8766	11.6	63	7	1	0.0
DEKALB DKS53-67	10612	▪	▪	12.9	59	7	2	0.0
DEKALB DKS54-00	10578	9181	8988	12.1	65	8	3	0.0
ASGROW A571	10559	9587	9241	11.8	61	9	2	0.0
Dyna-Gro GX06170	10554	▪	▪	13.6	66	7	3	0.0
Dyna-Gro 780B	10300	9212	8783	12.1	62	6	1	0.0
Dyna-Gro 751B	10119	9014	8966	12.0	66	8	1	0.0
Dyna-Gro 772B	10082	▪	▪	12.1	65	13	3	0.0
Terral TV96H91	10062	9222	8956	12.1	58	9	2	0.0
FFR 322	9968	8833	8813	11.7	61	6	1	0.0
ASGROW A603	9916	▪	▪	12.9	59	10	2	0.0
Terral TV96H81	9569	8794	8745	11.7	62	5	1	0.0
Dyna-Gro GX07163	9475	▪	▪	11.8	57	10	3	0.0
Terral TV9421	9217	8192	8367	11.9	56	10	3	1.3
Dyna-Gro 754B	9036	7925	7979	11.7	56	13	3	0.0
Dyna-Gro 758B	8885	8007	8020	12.1	55	6	3	0.0
Terral TV93S72	8332	7578	7734	12.0	58	9	3	1.3
DEKALB DKS37-07	8171	6891	▪	11.9	56	7	4	8.8
Dyna-Gro GX07064	8063	▪	▪	11.3	52	6	3	6.3
Grand mean	9860	▪	▪	12.0	60	8	2	0.8
LSD (5%)	902	▪	▪	0.6	▪	▪	▪	1.9
C.V. (%)	6.5	▪	▪	3.6	▪	▪	▪	▪

Soil Series	Sharkey clay
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Atrazine + Roundup
Preplant Fertilizer	50-50-50, 3/7, 100 lbs./A Ammonium Sulfate, 3/9
Planting Date	4/30
Irrigation Dates	6/1, 6/15, 7/17, 8/1, 8/9
Sidedress Fertilizer	100 lbs./A N, 5/29
Insecticide Application(s)	Karate, 7/12
Harvest Date	8/24

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.2	1.7	1.9	2.2	0.0	10.0
Average	4.9	5.2	4.0	3.7	2.8	20.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.8	-10.6

Table 3. Performance of Nonirrigated Grain Sorghum Hybrids, Keiser, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Avg. lbs./A	3-Year Avg. lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches	Head Comp. Rating	Bird Damage %
ASGROW A571	7449	7016	6628	12.4	47	6	2	5.0
Triumph TR82-G	7161	▪	▪	12.7	55	5	1	2.5
DEKALB DKS54-00	7132	6799	6617	13.0	47	6	2	5.0
ASGROW A603	6763	▪	▪	12.2	46	7	3	15.0
Dyna-Gro 780B	6612	6265	6346	12.1	57	7	1	3.8
Dyna-Gro GX06170	6567	▪	▪	13.1	53	12	4	10.0
Dyna-Gro 751B	6565	6404	6530	11.4	45	7	2	15.0
Terral TV96H91	6560	6824	7013	12.6	47	9	2	3.8
DEKALB DKS53-67	6418	▪	▪	12.5	46	6	2	13.8
Pioneer 84G62	6373	6774	6795	11.9	42	9	3	5.0
Dyna-Gro GX07467	6040	▪	▪	12.5	48	7	3	16.3
Terral TV1050	5995	6004	6257	12.1	45	5	2	12.5
Terral TV96H81	5891	6395	6486	12.2	46	4	1	40.0
Dyna-Gro 758B	5846	5816	5946	12.0	39	5	3	13.8
FFR 322	5663	5800	6162	12.0	43	4	2	16.3
Dyna-Gro 772B	5494	▪	▪	12.2	44	9	2	15.0
Dyna-Gro 754B	5295	5403	5730	12.9	46	9	2	32.5
Terral TV9421	5241	5461	5922	12.5	38	7	2	26.3
Dyna-Gro GX07163	5193	▪	▪	12.2	46	8	3	23.8
Terral TV93S72	4376	5071	5483	12.9	42	8	2	40.0
Dyna-Gro GX07064	3523	▪	▪	12.6	38	5	2	36.3
DEKALB DKS37-07	2811	3965	▪	15.8	44	7	2	62.5
Grand mean	5862	▪	▪	12.5	46	7	2	18.8
LSD (5%)	770	▪	▪	1.3	▪	▪	▪	18.2
C.V. (%)	9.4	▪	▪	7.3	▪	▪	▪	▪

Soil Series	Sharkey clay
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Atrazine + Roundup + Dual
Preplant Fertilizer	50-50-50, 3/7, 100 lbs./A Ammonium Sulfate, 3/9
Planting Date	4/20
Irrigation Dates	None
Sidedress Fertilizer	100 lbs./A N, 5/29
Herbicide Application(s)	Buctril, 5/23
Insecticide Application(s)	Karate, 7/12
Harvest Date	8/24

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.2	1.7	1.9	2.2	0.0	10.0
Average	4.9	5.2	4.0	3.7	2.8	20.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.8	-10.6

Table 4. Performance of Irrigated Grain Sorghum Hybrids, Marianna, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Average lbs./A	3-Year Average lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches	Head Comp. Rating	Bird Damage %
Dyna-Gro GX06170	11621	▪	▪	19.8	66	9	3	0.0
Dyna-Gro GX07467	10862	▪	▪	18.8	68	9	3	0.0
Triumph TR82-G	10397	▪	▪	20.3	59	7	1	0.0
DEKALB DKS53-67	10391	▪	▪	20.2	59	3	3	0.0
Terral TV9421	10350	10096	9315	18.7	57	8	4	2.5
DEKALB DKS54-00	10326	9414	9076	19.3	62	8	3	0.0
Terral TV1050	10125	9539	8913	18.5	63	6	3	2.5
Dyna-Gro 772B	10070	▪	▪	19.6	58	6	5	2.5
Dyna-Gro GX07163	9798	▪	▪	19.2	59	3	3	5.0
Dyna-Gro 780B	9731	9420	9444	18.3	61	6	1	0.0
Dyna-Gro 751B	9729	10238	9656	16.9	60	2	3	0.0
Pioneer 84G62	9722	10125	9836	18.3	57	6	5	0.0
Terral TV96H81	9680	10047	9484	17.2	57	4	1	0.0
FFR 322	9646	9669	9151	17.0	60	5	1	0.0
ASGROW A603	9402	▪	▪	18.6	59	4	1	0.0
ASGROW A571	9262	9412	9089	19.2	58	8	2	0.0
Dyna-Gro 758B	8545	8834	8440	18.5	55	6	4	5.0
Terral TV96H91	8440	9234	9103	18.4	59	7	5	5.0
DEKALB DKS37-07	8002	8437	▪	18.2	53	7	4	5.0
Dyna-Gro 754B	7965	8711	8541	16.5	54	7	2	5.0
Terral TV93S72	7875	8520	8329	16.8	53	8	1	5.0
Dyna-Gro GX07064	6360	▪	▪	17.3	50	1	3	15.0
Grand mean	9468	▪	▪	18.4	59	6	3	2.4
LSD (5%)	777	▪	▪	1.1	▪	▪	▪	6.3
C.V. (%)	5.9	▪	▪	4.1	▪	▪	▪	▪

Soil Series	Calloway silt loam
Previous Crop	Soybean
Row Width	30"
Preplant Herbicide	Roundup + Dual
Preplant Fertilizer	69-13-26, 3/9
Planting Date	4/19
Irrigation Dates	5/30, 6/4, 6/13, 7/1, 7/8, 7/22, 7/29, 8/5
Sidedress Fertilizer	92 lbs./A N, 5/14
Insecticide Application(s)	Asana, 6/26
Harvest Date	8/14

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.3	2.7	3.7	6.0	0.9	17.6
Average	5.4	5.2	3.4	4.0	2.8	20.8
Departure	-1.1	-2.5	0.3	2.0	-1.9	-3.2

Table 5. Performance of Irrigated Grain Sorghum Hybrids, Stuttgart, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Avg. lbs./A	3-Year Avg. lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches	Head Comp. Rating	Bird Damage %
Triumph TR82-G	9153	▪	▪	18.5	62	5	1	8.2
DEKALB DKS53-67	8973	▪	▪	17.7	59	7	1	6.5
DEKALB DKS54-00	8972	8585	8155	18.0	64	8	2	8.2
Dyna-Gro GX06170	8463	▪	▪	23.5	69	9	2	11.5
ASGROW A571	8340	7997	7895	16.2	60	7	1	10.0
Dyna-Gro GX07467	8331	▪	▪	18.5	66	9	3	16.3
Dyna-Gro 780B	8288	8043	7859	16.9	61	5	1	4.8
Pioneer 84G62	8241	8809	8757	16.6	61	7	2	8.8
Dyna-Gro 772B	8178	▪	▪	16.5	63	10	4	13.8
Terral TV1050	7908	8052	8128	15.5	62	6	1	11.5
ASGROW A603	7906	▪	▪	16.2	63	10	3	12.9
Dyna-Gro 751B	7870	8083	8039	15.2	64	6	1	15.0
Terral TV96H81	7512	7960	7743	15.0	64	8	2	20.0
FFR 322	7366	8015	7837	15.1	64	6	2	12.5
Dyna-Gro GX07163	7326	▪	▪	18.4	61	7	3	13.8
Terral TV9421	6851	7319	7550	16.1	60	9	4	21.3
Dyna-Gro 758B	6829	6906	7086	16.9	55	8	4	13.8
Dyna-Gro 754B	6173	6643	6797	15.8	58	8	2	16.5
Dyna-Gro GX07064	5834	▪	▪	14.6	50	8	3	15.0
Terral TV96H91	5755	7439	7261	15.1	62	9	3	17.5
DEKALB DKS37-07	5747	6320	▪	15.7	58	5	4	13.2
Terral TV93S72	5546	6534	6780	15.1	61	10	3	13.8
Grand mean	7526	▪	▪	16.7	61	8	2	13.0
LSD (5%)	1092	▪	▪	1.9	▪	▪	▪	8.7
C.V. (%)	10.2	▪	▪	7.9	▪	▪	▪	▪

Soil Series	Crowley silt loam
Previous Crop	Soybean
Row Width	32"
Preplant Fertilizer	12-23-20-04zn with micro zinc sulfate 35.5% @295 lbs./A, 3/20
Planting Date	4/20
Irrigation Dates	5/11, 6/1, 6/13, 6/25, 7/25, 8/2, 8/9
Sidedress Fertilizer	200 lbs./A N, 5/11, 200 lbs./A N, 6/1
Herbicide Application(s)	Bicep II Magnum, 5/8
Harvest Date	8/15

Precipitation (inches)

	April	May	June	July	August	Total
2007	3.2	2.8	2.7	3.8	0.0	12.5
Average	5.6	4.7	3.6	3.4	2.8	20.1
Departure	-2.4	-1.9	-0.9	0.4	-2.8	-7.7

Table 6. Performance of Irrigated Grain Sorghum Hybrids, Rohwer, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Avg. lbs./A	3-Year Avg. lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches
DEKALB DKS54-00	7695	7678	8293	14.2	54	5
DEKALB DKS53-67	7617	▪	▪	14.8	53	5
Dyna-Gro GX06170	7601	▪	▪	14.4	59	5
ASGROW A603	6961	▪	▪	14.2	54	9
ASGROW A571	6853	7672	8066	14.0	51	8
Dyna-Gro GX07467	6830	▪	▪	14.3	59	5
Terral TV96H91	6820	7961	8295	14.3	55	7
Dyna-Gro 772B	6804	▪	▪	14.1	55	6
Pioneer 84G62	6751	7758	8455	13.9	49	3
FFR 322	6645	7105	7425	14.1	50	4
Terral TV1050	6597	6997	7585	14.3	53	5
Dyna-Gro GX07163	6323	▪	▪	14.3	51	6
DEKALB DKS37-07	6215	6903	▪	14.1	49	5
Terral TV96H81	6178	6668	7206	14.1	49	5
Terral TV9421	6166	7210	7718	13.5	47	7
Terral TV93S72	6046	6548	7068	13.9	52	8
Dyna-Gro 758B	5995	6921	7472	14.1	48	6
Dyna-Gro 780B	5980	6519	7096	14.0	53	5
Dyna-Gro 754B	5961	6423	7144	14.1	51	8
Triumph TR82-G	5922	▪	▪	14.1	52	4
Dyna-Gro 751B	5613	6185	6854	14.3	53	5
Dyna-Gro GX07064	5385	▪	▪	13.5	45	6
Grand mean	6498	▪	▪	14.1	52	6
LSD (5%)	700	▪	▪	0.5	▪	▪
C.V. (%)	7.7	▪	▪	2.4	▪	▪

Soil Series	Sharkey Desha silt loam
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Dual + Atrazine, 4/20
Preplant Fertilizer	0-0-60 + Boron, 3/7
Planting Date	4/20
Irrigation Dates	6/6, 7/4
Sidedress Fertilizer	110 lbs./A Urea, 4/24, 5/14, 6/5
Herbicide Application(s)	Atrazine, 5/14
Insecticide Application(s)	Karate Z, 6/29, 7/6
Harvest Date	8/16

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.6	3.9	5.2	5.2	0.3	19.2
Average	5.	4.7	3.5	3.9	2.7	19.8
Departure	-0.4	-0.8	1.7	1.3	-2.4	-0.6

Table 7. Performance of Nonirrigated Grain Sorghum Hybrids, Rohwer, AR, 2007.

Brand/Hybrid	Yield lbs./A	2-Year Avg. lbs./A	3-Year Avg. lbs./A	Grain Moisture %	Plant Height Inches	Head Exertion Inches
DEKALB DKS53-67	8215	▪	▪	14.2	53	3
DEKALB DKS54-00	7656	6936	7834	14.2	57	4
Dyna-Gro GX06170	7371	▪	▪	14.6	60	5
Pioneer 84G62	7273	7394	8374	14.3	50	4
ASGROW A571	7160	7176	7695	14.2	55	4
Dyna-Gro GX07163	7035	▪	▪	14.0	50	4
Dyna-Gro GX07467	6901	▪	▪	14.1	57	5
Terral TV96H91	6848	7165	7607	14.1	54	6
Terral TV1050	6794	6851	7694	14.0	51	4
Terral TV96H81	6723	6772	7426	14.2	53	4
Dyna-Gro 780B	6599	6472	7085	14.0	55	4
Terral TV9421	6599	7000	7656	14.3	51	7
FFR 322	6395	6879	7398	14.2	51	3
Triumph TR82-G	6338	▪	▪	14.0	55	3
Dyna-Gro 758B	6315	6704	7301	14.3	52	5
Dyna-Gro 772B	6302	▪	▪	14.6	54	5
Terral TV93S72	6144	6654	7178	14.3	50	6
ASGROW A603	6055	▪	▪	14.1	53	6
Dyna-Gro 751B	6020	6263	6948	14.2	49	5
DEKALB DKS37-07	5961	6165	▪	14.0	47	5
Dyna-Gro 754B	5715	6320	7011	14.2	49	7
Dyna-Gro GX07064	5150	▪	▪	13.9	45	4
Grand mean	6617	▪	▪	14.2	52	5
LSD (5%)	708	▪	▪	0.4	▪	▪
C.V. (%)	7.6	▪	▪	2.2	▪	▪

Soil Series	Sharkey Desha silt loam
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Dual + Atrazine, 4/20
Preplant Fertilizer	0-0-60 + Boron, 3/7
Planting Date	4/20
Irrigation Dates	None
Sidedress Fertilizer	110 lbs./A Urea, 4/24, 5/14, 6/5
Herbicide Application(s)	Atrazine, 5/14
Insecticide Application(s)	Karate Z, 6/29, 7/6
Harvest Date	8/16

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.6	3.9	5.2	5.2	0.3	19.2
Average	5.	4.7	3.5	3.9	2.7	19.8
Departure	-0.4	-0.8	1.7	1.3	-2.4	-0.6

Table 8. Yields (bu./A) of Corn Hybrids in Arkansas Performance Tests, 2007[1,2].

Brand/Hybrid	Keiser[3] Irrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer[4] Irrigated	Average
	bu./A				
Early- to Mid-Season Hybrids					
Adler 3515RRBT	215.9	264.3	222.6	162.1	216.2
Adler 3545RRPL	183.4	241.2	184.1	180.1	197.2
Adler 4740YGPL	204.9	214.4	195.5	158.0	193.2
AgriGold A6455BtRR	198.2	227.6	205.6	177.8	202.3
AgriGold A6479BtRR	212.9	236.5	220.9	163.5	208.5
AgriGold A6522Bt	202.9	224.4	204.5	163.1	198.7
AgriGold A6633BT	222.5	251.1	209.8	178.4	215.5
AgriGold A6639RR	189.0	217.1	207.6	170.0	195.9
Belle 1040RY	224.2	246.5	202.8	167.8	210.3
Belle 1533Y	205.5	251.6	219.1	184.6	215.2
Belle 1545RY	234.7	250.6	208.2	165.6	214.8
Belle 1620R	171.7	231.3	216.3	154.9	193.6
Belle 1646RY	234.9	278.9	224.6	169.9	227.1
Belle 1147RY	249.0	247.4	200.3	162.8	214.9
Croplan 631RR/Bt	191.3	274.0	205.6	163.1	208.5
Croplan 6818RR/Bt	213.1	251.6	202.1	169.8	209.2
Croplan 7505RR	217.4	234.1	188.2	190.4	207.5
Croplan 751RR/Bt	229.8	248.6	206.4	160.7	211.4
DEKALB DKC61-22	198.5	241.8	210.7	180.3	207.8
DEKALB DKC61-45	174.5	231.8	205.5	175.4	196.8
DEKALB DKC61-73	177.4	247.5	223.4	180.4	207.2
DEKALB DKC63-46	183.1	235.5	221.3	153.4	198.3
DEKALB DKC64-76	197.8	260.4	203.7	159.3	205.3
DEKALB DKC64-78	220.0	252.2	221.0	180.3	218.4
DEKALB DKC65-47	187.8	240.9	212.2	177.8	204.7
DEKALB DKC66-23	215.6	268.9	201.8	156.2	210.6
Dyna-Gro 57B90	202.5	247.2	202.7	170.2	205.7
Dyna-Gro 57F87	229.5	256.8	210.8	159.6	214.2
Dyna-Gro 57G48	220.8	249.0	211.6	172.5	213.5
Dyna-Gro 57K33	213.6	257.6	213.1	165.0	212.3
Dyna-Gro 57K58	220.1	252.2	229.3	174.9	219.1
Dyna-Gro 57P12	231.0	247.3	214.1	155.4	212.0
Dyna-Gro 57P69	219.8	262.3	203.2	189.7	218.8
Dyna-Gro 58P59	235.0	264.8	198.0	163.2	215.3
FFR 787RRBT	258.8	239.2	221.9	152.1	218.0
Freedom 580CBLL	191.3	229.6	186.5	159.4	191.7
Garst 8295YG1/RR	155.4	251.7	236.8	169.9	203.5
Golden Acres 2821RLH	200.6	269.8	220.8	179.1	217.6
Golden Acres 2831RRB	243.7	266.8	237.8	154.3	225.7

Table 8. Yields (bu./A) of Corn Hybrids in Arkansas Performance Tests, 2007[1,2], Continued.

Brand/Hybrid	Keiser[3] Irrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer[4] Irrigated	Average
			bu./A		
Early- to Mid-Season Hybrids Continued					
Mycogen 2A765	229.5	253.4	204.9	176.5	216.1
Mycogen 2C727	166.5	238.1	216.1	164.3	196.3
Mycogen 2T780	227.0	242.4	208.1	181.8	214.8
NK Brand N68-B8	180.9	235.1	194.9	185.5	199.1
NK Brand N70-T9	204.5	233.0	204.2	163.0	201.2
NK Brand N77-P5	205.4	242.3	219.8	155.9	205.9
Pioneer 33M57	203.3	252.1	224.4	161.4	210.3
Pioneer 33N58	217.9	253.0	227.4	142.9	210.3
Pioneer 33R81	258.5	265.0	234.8	141.1	224.9
Terral TV23R31	200.8	218.5	184.2	170.9	193.6
Terral TV25BR23	234.6	244.0	212.1	145.4	209.0
Terral TV25BR71	168.8	235.8	204.7	178.4	196.9
Terral TV25R31	179.4	243.8	206.4	158.1	196.9
Terral TV26B34	205.6	247.5	200.0	154.3	201.9
Terral TV26BR41	205.2	249.6	210.2	172.6	209.4
Terral TV26BR61	198.8	235.0	225.3	155.9	203.8
Terral TVX23BR701	269.9	245.8	220.8	175.6	228.0
Terral TVX25BR702	211.3	229.9	222.7	166.6	207.6
Terral TVX25R701	229.1	232.4	208.0	179.5	212.3
Terral TVX25R81	161.2	237.4	199.0	144.1	185.4
Terral TVX26BR601	197.1	245.9	222.6	157.0	205.7
Grand mean	208.9	245.7	211.0	166.7	208.1
LSD (5%)	41.5	19.8	23.6	22.1	▪
C.V. (%)	12.2	5.8	6.9	9.6	▪

Table 8. Yields (bu./A) of Corn Hybrids in Arkansas Performance Tests, 2007 [1,2], Continued.

Brand/Hybrid	Keiser[3] Irrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer[4] Irrigated	Average
	bu./A				
Mid- to Full-Season Hybrids					
Adler 9040RRBT	209.5	243.1	203.3	152.9	202.2
Belle 1722R	258.5	243.9	215.4	136.0	213.5
Belle 1844RY	295.2	248.9	218.0	152.9	228.8
Croplan 799RR/Bt	192.3	225.4	189.6	130.3	184.4
Croplan 818RR/Bt	241.6	242.4	201.3	154.3	209.9
DEKALB DKC67-23	221.6	265.6	218.0	155.9	215.3
DEKALB DKC69-43	195.9	227.2	190.4	187.1	200.2
DEKALB DKC69-71	243.3	245.9	209.5	138.9	209.4
Dyna-Gro 58K02	203.6	253.4	213.4	146.3	204.2
Dyna-Gro 58K40	216.5	231.7	196.9	172.4	204.4
Dyna-Gro 58P19	197.3	243.4	199.5	184.0	206.1
Dyna-Gro 58P45	192.3	245.8	203.2	160.8	200.5
Dyna-Gro 58P60	235.8	230.5	194.4	154.8	203.9
Dyna-Gro 58P74	187.0	245.7	190.0	155.0	194.4
Golden Acres 2841RRB	246.2	264.9	220.4	196.4	232.0
Golden Acres 2989 RRB	281.8	234.5	212.4	157.6	221.6
Pioneer 31D61	222.3	249.4	235.3	190.1	224.3
Pioneer 31G96	233.9	271.3	226.6	160.4	223.1
Pioneer 31N28	236.6	245.4	214.9	178.8	218.9
Pioneer 31P41	241.3	260.0	224.3	173.5	224.8
Pioneer 32B29	253.3	261.8	208.1	151.9	218.8
Triumph 1977CbRR	243.2	234.6	220.8	144.2	210.7
Grand mean	229.5	246.1	209.4	160.7	211.4
LSD (5%)	43.6	22.6	15.6	20.2	▪
C.V. (%)	13.6	6.5	5.3	9.0	▪

[1]Keiser Irrigated = Northeast Research and Extension Center
Marianna Irrigated = Lon Mann Cotton Research Station
Stuttgart Irrigated = Rice Research and Extension Center
Rohwer Irrigated = Southeast Research and Extension Center - Rohwer Division
[2] Tests were also planted at Bell Farming Company near Des Arc and at the Dale Seiler Farm near Gin City. The former was abandoned due to a severe freeze and the latter was abandoned due to a herbicide application error.
[3] These test were replanted on May 8 after the original planting of April 20 was abandoned due to poor stands.
[4] Yields at this location were lower than expected, possibly due to delayed planting because of dry conditions and and saturated soils from two heavy rains in July.

Table 9. Performance of Irrigated Corn Hybrids, Keiser, AR, 2007[1].

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging %	Stalk Lodging %	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids								
Terral TVX23BR701	269.9	▪	▪	20.3	0.0	0.0	29106	50
FFR 787RRBT	258.8	▪	▪	19.8	0.0	0.0	26757	47
Pioneer 33R81	258.5	▪	▪	17.8	0.0	0.0	24879	46
Belle 1147RY	249.0	▪	▪	17.1	0.0	0.0	27778	43
Golden Acres 2831RRB	243.7	235.2	228.0	19.9	0.0	0.0	31039	38
Dyna-Gro 58P59	235.0	230.0	227.1	18.6	0.0	0.0	26208	40
Belle 1646RY	234.9	▪	▪	17.8	0.5	0.5	23261	42
Belle 1545RY	234.7	230.7	234.7	17.9	0.0	0.3	25241	44
Terral TV25BR23	234.6	222.9	214.5	18.6	0.3	0.0	28865	40
Dyna-Gro 57P12	231.0	228.5	224.5	21.3	0.0	0.1	27337	41
Croplan 751RR/Bt	229.8	▪	▪	18.5	0.0	0.1	25344	50
Dyna-Gro 57F87	229.5	226.3	223.2	18.6	0.0	0.0	27536	43
Mycogen 2A765	229.5	▪	▪	20.7	0.0	0.3	28382	44
Terral TVX25R701	229.1	▪	▪	19.0	0.0	0.0	23859	41
Mycogen 2T780	227.0	206.0	▪	19.6	0.0	2.0	28382	40
Belle 1040RY	224.2	▪	▪	20.2	0.0	0.0	25851	43
AgriGold A6633BT	222.5	▪	▪	17.8	0.0	0.0	30193	33
Dyna-Gro 57G48	220.8	▪	▪	19.5	0.0	0.0	29106	39
Dyna-Gro 57K58	220.1	218.9	▪	18.5	0.0	0.0	23430	45
DEKALB DKC64-78	220.0	▪	▪	19.0	0.0	0.0	25000	43
Dyna-Gro 57P69	219.8	210.3	▪	20.8	0.0	0.0	23671	31
Pioneer 33N58	217.9	▪	▪	17.8	0.0	2.3	27415	43
Croplan 7505RR	217.4	▪	▪	19.2	0.0	0.0	29589	40
Adler 3515RRBT	215.9	▪	▪	17.5	0.0	0.0	25846	38
DEKALB DKC66-23	215.6	204.4	▪	19.7	0.0	0.0	25604	35
Dyna-Gro 57K33	213.6	211.2	▪	19.9	0.0	0.0	28985	44
Croplan 6818RR/Bt	213.1	▪	▪	20.9	0.0	0.0	28140	42
AgriGold A6479BtRR	212.9	▪	▪	18.0	0.0	0.0	27778	39
Terral TVX25BR702	211.3	▪	▪	20.9	0.0	0.0	24034	40
Terral TV26B34	205.6	213.3	219.8	19.0	0.0	1.5	25978	42
Belle 1533Y	205.5	208.2	212.4	18.5	0.0	0.0	26691	43
NK Brand N77-P5	205.4	▪	▪	19.4	0.0	0.3	27174	43
Terral TV26BR41	205.2	209.7	207.4	19.9	0.0	0.0	25072	43
Adler 4740YGPL	204.9	▪	▪	19.2	0.0	0.1	26250	36
NK Brand N70-T9	204.5	197.2	202.0	19.4	0.0	0.0	25966	37
Pioneer 33M57	203.3	▪	▪	19.9	0.0	0.0	28985	38
AgriGold A6522Bt	202.9	▪	▪	17.9	0.0	0.0	27119	37
Dyna-Gro 57B90	202.5	204.4	▪	20.6	0.0	0.0	25362	46

Table 9. Performance of Irrigated Corn Hybrids, Keiser, AR, 2007[1], Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids Continued								
Terral TV23R31	200.8	210.4	217.1	18.5	0.0	0.0	27174	49
Golden Acres 2821RLH	200.6	▪	▪	20.9	0.0	0.0	24517	42
Terral TV26BR61	198.8	219.4	▪	17.8	0.0	0.0	23430	43
DEKALB DKC61-22	198.5	196.6	▪	20.0	0.0	0.0	29468	40
AgriGold A6455BtRR	198.2	▪	▪	20.2	0.0	0.3	26208	44
DEKALB DKC64-76	197.8	▪	▪	19.1	0.0	1.0	25483	38
Terral TVX26BR601	197.1	213.0	▪	20.6	0.0	0.0	22717	47
Freedom 580CBLL	191.3	▪	▪	17.4	0.0	0.3	21497	41
Croplan 631RR/Bt	191.3	197.6	208.0	19.3	0.0	0.0	23913	39
AgriGold A6639RR	189.0	▪	▪	19.8	0.0	0.0	26032	38
DEKALB DKC65-47	187.8	▪	▪	20.2	0.0	0.0	24155	41
Adler 3545RRPL	183.4	▪	▪	17.6	0.0	0.0	26757	34
DEKALB DKC63-46	183.1	185.4	▪	20.6	0.0	0.0	25241	38
NK Brand N68-B8	180.9	180.8	▪	18.7	0.0	0.0	24517	34
Terral TV25R31	179.4	192.0	195.1	20.3	0.0	0.0	25966	44
DEKALB DKC61-73	177.4	▪	▪	17.6	0.0	0.0	26884	33
DEKALB DKC61-45	174.5	188.1	191.8	16.6	0.0	0.0	26329	37
Belle 1620R	171.7	▪	▪	20.6	0.0	1.0	20048	40
Terral TV25BR71	168.8	192.4	▪	20.1	0.0	0.1	23532	39
Mycogen 2C727	166.5	▪	▪	19.6	0.0	0.0	24155	37
Terral TVX25R81	161.2	▪	▪	21.8	0.0	1.4	24583	46
Garst 8295YG1/RR	155.4	▪	▪	20.5	0.0	0.0	26341	39
Grand mean	208.9	▪	▪	19.3	0.0	0.2	26103	41
LSD (5%)	41.5	▪	▪	2.8	0.2	1.4	▪	▪
C.V. (%)	12.2	▪	▪	8.9	▪	▪	▪	▪

Table 9. Performance of Irrigated Corn Hybrids, Keiser, AR, 2007[1], Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Mid- to Full-Season Hybrids								
Belle 1844RY	295.2	▪	▪	18.9	0.1	0.3	28774	45
Golden Acres 2989RRB	281.8	▪	▪	20.6	0.0	0.3	27808	49
Belle 1722R	258.5	▪	▪	19.8	0.0	0.0	26268	48
Pioneer 32B29	253.3	236.9	▪	17.3	0.0	0.3	31522	46
Golden Acres 2841RRB	246.2	228.0	228.7	20.1	0.0	0.5	31884	41
DEKALB DKC69-71	243.3	238.4	247.7	21.5	0.0	0.8	30163	47
Triumph 1977CbRR	243.2	▪	▪	18.9	0.0	1.5	27989	42
Croplan 818RR/Bt	241.6	224.9	225.5	20.7	0.0	0.8	28351	43
Pioneer 31P41	241.3	240.1	▪	19.6	0.0	0.1	28393	44
Pioneer 31N28	236.6	232.4	237.4	19.9	0.0	0.0	25815	39
Dyna-Gro 58P60	235.8	221.5	▪	20.6	0.0	0.4	28030	46
Pioneer 31G96	233.9	241.0	▪	19.8	1.8	0.0	29257	55
Pioneer 31D61	222.3	▪	▪	19.8	0.0	0.0	25634	40
DEKALB DKC67-23	221.6	215.8	▪	18.9	0.0	0.0	28714	45
Dyna-Gro 58K40	216.5	202.4	▪	20.8	0.0	0.0	26449	55
Adler 9040RRBT	209.5	214.0	218.0	19.8	0.0	0.0	26540	48
Dyna-Gro 58K02	203.6	200.2	▪	20.3	0.0	1.3	24366	47
Dyna-Gro 58P19	197.3	▪	▪	21.0	0.0	0.5	26359	49
DEKALB DKC69-43	195.9	▪	▪	22.3	0.0	0.0	28623	39
Croplan 799RR/Bt	192.3	208.6	▪	18.7	0.5	0.0	25996	37
Dyna-Gro 58P45	192.3	198.5	▪	20.7	0.0	0.3	25725	56
Dyna-Gro 58P74	187.0			20.2	0.0	1.5	28352	39
Grand mean	229.5	▪	▪	20.0	0.1	0.4	27773	45
LSD (5%)	43.6	▪	▪	2.1	1.1	1.5	▪	▪
C.V. (%)	13.6	▪	▪	7.6	▪	▪	▪	▪

[1] The tests at this location were originally planted on April 20 but were abandoned due to poor stands. These tests were planted on May 8.

Table 9. Performance of Irrigated Corn Hybrids, Keiser, AR, 2007[1], Continued.

Soil Series	Sharkey clay
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Atrazine + Roundup + Dual
Preplant Fertilizer	100-50-50, 5/7
Planting Date	5/8
Irrigation Dates	6/1, 6/7, 6/19, 7/12, 7/18, 7/24, 8/2, 8/8, 8/17
Sidedress Fertilizer	100 lbs./A N, 5/29; 120 lbs./A N, 6/6
Herbicide Application(s)	Buctril, 5/29
Fungicide Application(s)	Quilt, 7/8
Insecticide Application(s)	Intrepid, 7/2, 7/17
Harvest Date	9/21

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.2	1.7	1.9	2.2	0.0	10.0
Average	4.9	5.2	4.0	3.7	2.8	20.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.8	-10.6

Table 10. Performance of Irrigated Corn Hybrids, Marianna, AR, 2007.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging %	Stalk Lodging %	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids								
Belle 1646RY	278.9	▪	▪	19.5	0.3	0.0	30795	48
Croplan 631RR/Bt	274.0	267.1	249.8	16.9	0.0	0.0	32841	43
Golden Acres 2821RLH	269.8	▪	▪	19.4	0.0	0.5	37728	50
DEKALB DKC66-23	268.9	265.7	▪	20.6	0.5	0.0	31364	46
Golden Acres 2831RRB	266.8	264.7	252.8	19.7	0.5	0.0	33977	44
Pioneer 33R81	265.0	▪	▪	19.1	0.5	0.0	32046	52
Dyna-Gro 58P59	264.8	271.5	258.4	19.3	0.0	0.3	33523	43
Adler 3515RRBT	264.3	▪	▪	17.1	0.3	0.3	31932	44
Dyna-Gro 57P69	262.3	255.9	▪	16.6	0.0	0.0	32841	36
DEKALB DKC64-76	260.4	▪	▪	18.1	0.0	0.0	32955	45
Dyna-Gro 57K33	257.6	261.1	▪	19.9	0.5	0.5	30795	42
Dyna-Gro 57F87	256.8	265.0	243.5	18.7	0.3	0.3	33636	43
Mycogen 2A765	253.4	▪	▪	17.4	0.0	0.0	32955	45
Pioneer 33N58	253.0	▪	▪	17.3	0.5	0.0	34091	49
Dyna-Gro 57K58	252.2	265.5	▪	19.5	0.5	0.3	30568	45
DEKALB DKC64-78	252.2	▪	▪	18.1	0.3	0.0	29432	48
Pioneer 33M57	252.1	▪	▪	20.3	0.8	0.0	32500	48
Garst 8295YG1/RR	251.7	▪	▪	20.6	0.0	0.0	28864	52
Croplan 6818RR/Bt	251.6	▪	▪	18.7	0.0	0.0	36137	47
Belle 1533Y	251.6	264.9	257.4	18.6	0.0	0.5	31705	51
AgriGold A6633BT	251.1	▪	▪	19.2	0.0	0.0	31704	42
Belle 1545RY	250.6	253.9	243.8	20.4	0.3	0.0	29205	43
Terral TV26BR41	249.6	254.0	243.8	20.0	0.5	0.3	32273	41
Dyna-Gro 57G48	249.0	▪	▪	20.9	2.5	0.0	31705	43
Croplan 751RR/Bt	248.6	▪	▪	20.7	0.3	0.3	32614	44
Terral TV26B34	247.5	261.4	253.0	18.1	2.0	0.5	32500	45
DEKALB DKC61-73	247.5	▪	▪	16.4	0.0	0.0	32273	43
Belle 1147RY	247.4	▪	▪	16.8	0.0	0.0	29886	45
Dyna-Gro 57P12	247.3	257.9	243.6	20.7	0.5	0.0	32500	42
Dyna-Gro 57B90	247.2	254.6	▪	19.5	0.5	0.0	32955	40
Belle 1040RY	246.5	▪	▪	17.0	0.3	0.0	31023	48
Terral TVX26BR601	245.9	257.5	▪	21.9	0.0	0.0	33182	46
Terral TVX23BR701	245.8	▪	▪	19.5	0.3	0.0	34432	52
Terral TV25BR23	244.0	259.8	249.4	20.0	0.0	0.3	31477	46

Table 10. Performance of Irrigated Corn Hybrids, Marianna, AR, 2007, Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids Continued								
Terral TV25R31	243.8	250.9	239.0	21.0	0.5	0.0	32841	46
Mycogen 2T780	242.4	242.0	▪	17.4	0.0	0.0	31364	42
NK Brand N77-P5	242.3	▪	▪	17.1	0.3	0.0	28523	44
DEKALB DKC61-22	241.8	239.6	▪	16.5	0.0	0.0	31477	47
Adler 3545RRPL	241.2	▪	▪	15.9	0.3	0.0	32386	42
DEKALB DKC65-47	240.9	▪	▪	18.0	0.0	0.0	31250	45
FFR 787RRBT	239.2	▪	▪	19.8	0.0	0.0	32500	48
Mycogen 2C727	238.1	▪	▪	18.6	0.3	0.0	33523	49
Terral TVX25R81	237.4	▪	▪	21.1	0.0	0.3	31137	44
AgriGold A6479BtRR	236.5	▪	▪	17.0	0.3	0.3	30568	46
Terral TV25BR71	235.8	245.8	▪	20.8	0.8	0.3	32273	47
DEKALB DKC63-46	235.5	239.1	▪	16.8	0.0	0.0	31023	41
NK Brand N68-B8	235.1	246.5	▪	15.5	0.0	0.0	31932	38
Terral TV26BR61	235.0	246.5	▪	21.0	2.5	0.3	31705	52
Croplan 7505RR	234.1	▪	▪	19.2	0.0	0.0	32841	42
NK Brand N70-T9	233.0	248.7	236.6	17.4	0.0	0.3	31591	41
Terral TVX25R701	232.4	▪	▪	17.7	0.3	0.0	33523	45
DEKALB DKC61-45	231.8	235.6	233.9	15.6	0.0	0.0	31364	44
Belle 1620R	231.3	▪	▪	18.7	0.0	0.0	31364	48
Terral TVX25BR702	229.9	▪	▪	19.3	0.0	0.5	33864	53
Freedom 580CBLL	229.6	▪	▪	14.8	0.0	0.0	29091	37
AgriGold A6455BtRR	227.6	▪	▪	16.5	0.0	0.0	28750	47
AgriGold A6522Bt	224.4	▪	▪	16.1	0.0	0.0	28864	36
Terral TV23R31	218.5	229.5	219.1	19.0	0.3	0.0	32046	49
AgriGold A6639RR	217.1	▪	▪	18.3	0.0	0.0	29773	42
Adler 4740YGPL	214.4	▪	▪	16.2	0.0	0.3	27841	43
Grand mean	245.7	▪	▪	18.5	0.3	0.1	31864	45
LSD (5%)	19.8	▪	▪	1.4	1.0	0.4	▪	▪
C.V. (%)	5.8	▪	▪	5.6	▪	▪	▪	▪

Table 10. Performance of Irrigated Corn Hybrids, Marianna, AR, 2007, Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Mid- to Full-Season Hybrids								
Pioneer 31G96	271.3	251.7	▪	19.7	0.0	0.3	33636	47
DEKALB DKC67-23	265.6	256.5	▪	18.8	0.3	0.5	30341	48
Golden Acres 2841RRB	264.9	261.8	254.5	20.4	0.3	0.0	34091	45
Pioneer 32B29	261.8	267.8	▪	19.0	0.5	0.0	32159	54
Pioneer 31P41	260.0	259.2	▪	18.9	0.0	0.0	29205	45
Dyna-Gro 58K02	253.4	243.2	▪	20.6	0.5	0.3	29205	46
Pioneer 31D61	249.4	▪	▪	20.0	0.0	0.0	31250	46
Belle 1844RY	248.9	▪	▪	20.8	0.0	0.0	30227	50
DEKALB DKC69-71	245.9	247.1	240.1	20.6	0.3	0.0	35796	48
Dyna-Gro 58P45	245.8	242.7	▪	19.7	0.0	0.0	29773	47
Dyna-Gro 58P74	245.7	▪	▪	19.5	0.0	0.0	31932	44
Pioneer 31N28	245.4	242.2	243.8	20.0	0.0	0.0	33636	43
Belle 1722R	243.9	▪	▪	20.2	0.0	0.0	32841	52
Dyna-Gro 58P19	243.4	▪	▪	20.8	0.5	0.0	29773	48
Adler 9040RRBT	243.1	261.8	250.6	20.6	0.0	0.0	27727	45
Croplan 818RR/Bt	242.4	256.8	241.7	20.9	1.3	0.0	30909	45
Triumph 1977CbRR	234.6	▪	▪	19.8	0.0	0.3	33864	48
Golden Acres 2989RRB	234.5	▪	▪	21.1	0.0	0.0	31591	50
Dyna-Gro 58K40	231.7	230.8	▪	20.8	0.0	0.0	30455	56
Dyna-Gro 58P60	230.5	242.3	▪	21.9	2.8	0.0	28523	51
DEKALB DKC69-43	227.2	▪	▪	19.5	0.0	0.0	30568	43
Croplan 799RR/Bt	225.4	240.2	▪	21.0	0.3	0.0	27500	38
Grand mean	246.1	▪	▪	20.2	0.3	0.1	31136	47
LSD (5%)	22.6	▪	▪	1.2	0.9	0.3	▪	▪
C.V. (%)	6.5	▪	▪	4.2	▪	▪	▪	▪

Table 10. Performance of Irrigated Corn Hybrids, Marianna, AR, 2007, Continued.

Soil Series	Calloway silt loam
Previous Crop	Soybean
Row Width	30"
Preplant Herbicide	Roundup + Dual
Preplant Fertilizer	27-0-12-10s @ 267 lbs./A; Amonium Sulfate @ 100 lbs./A, Zinc Sulfate @30 lbs./A, 3/5
Planting Date	4/18
Irrigation Dates	5/31, 6/8, 6/14, 6/30, 7/7, 7/20, 7/27, 8/4, 8/10, 8/17
Sidedress Fertilizer	Urea + Agrotain @ 278 lbs./A, 5/14
Fungicide Application(s)	Quilt, 7/19
Insecticide Application(s)	Intrepid, 6/29
Harvest Date	8/31

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.3	2.7	3.7	6.0	0.9	17.6
Average	5.4	5.2	3.4	4.0	2.8	20.8
Departure	-1.1	-2.5	0.3	2.0	-1.9	-3.2

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, AR, 2007.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	Grain Moisture %	Root Lodging %	Stalk Lodging %	Plants Per Acre	Ear Height Inches	Tip Cover
Early- to Mid-Season Hybrids								
Golden Acres 2831RRB	237.8	246.1	15.8	0.0	0.0	36111	43	1.5
Garst 8295YG1/RR	236.8	▪	17.2	0.0	0.0	32083	40	1.5
Pioneer 33R81	234.8	▪	16.6	0.0	0.0	35833	48	1.0
Dyna-Gro 57K58	229.3	239.2	16.7	0.0	0.0	33750	43	2.5
Pioneer 33N58	227.4	▪	15.6	0.0	0.0	34722	47	1.5
Terral TV26BR61	225.3	230.2	17.9	0.0	0.0	34245	49	1.0
Belle 1646RY	224.6	▪	15.7	1.3	0.0	31121	45	1.5
Pioneer 33M57	224.4	▪	17.6	0.0	0.0	32682	40	1.5
DEKALB DKC61-73	223.4	▪	15.4	0.3	0.0	34722	37	1.5
Terral TVX25BR702	222.7	▪	18.9	0.0	0.0	34444	45	1.0
Terral TVX26BR601	222.6	226.0	21.8	0.0	0.0	32239	43	1.0
Adler 3515RRBT	222.6	▪	15.7	0.0	0.0	34140	38	1.5
FFR 787RRBT	221.9	▪	17.7	0.0	0.0	33055	50	1.0
DEKALB DKC63-46	221.3	230.9	15.4	0.0	1.0	34454	42	2.0
DEKALB DKC64-78	221.0	▪	15.5	0.0	0.0	33056	42	2.0
AgriGold A6479BtRR	220.9	▪	15.6	0.0	0.0	33750	40	1.0
Terral TVX23BR701	220.8	▪	20.8	0.3	0.0	35556	47	1.0
Golden Acres 2821RLH	220.8	▪	18.3	0.0	0.0	40833	46	1.0
NK Brand N77-P5	219.8	▪	15.7	0.0	0.0	31111	47	1.5
Belle 1533Y	219.1	226.3	18.0	0.0	0.0	31223	38	1.5
Belle 1620R	216.3	▪	16.7	0.0	0.0	33611	37	1.5
Mycogen 2C727	216.1	▪	16.1	0.0	0.0	33055	37	2.0
Dyna-Gro 57P12	214.1	227.6	17.9	0.0	0.0	33194	42	1.5
Dyna-Gro 57K33	213.1	223.1	17.3	0.0	0.3	34861	38	2.0
DEKALB DKC65-47	212.2	▪	15.7	0.0	0.0	32890	43	2.0
Terral TV25BR23	212.1	223.9	18.4	0.0	0.3	33333	46	1.5
Dyna-Gro 57G48	211.6	▪	16.0	0.0	0.0	34348	42	1.5
Dyna-Gro 57F87	210.8	229.1	17.5	0.0	2.3	32682	41	1.5
DEKALB DKC61-22	210.7	225.9	15.4	0.0	0.0	33333	39	2.0
Terral TV26BR41	210.2	230.7	19.4	0.0	0.0	33889	40	1.5
AgriGold A6633BT	209.8	▪	15.6	0.0	0.0	34245	38	1.0
Belle 1545RY	208.2	220.0	19.6	0.0	0.0	31667	41	1.0
Mycogen 2T780	208.1	236.7	17.2	0.0	0.3	35390	44	2.0
Terral TVX25R701	208.0	▪	15.9	0.0	0.3	33333	42	1.5
AgriGold A6639RR	207.6	▪	15.6	0.0	0.0	31945	39	1.5
Terral TV25R31	206.4	223.0	20.3	0.0	2.7	33829	45	2.5
Croplan 751RR/Bt	206.4	▪	18.7	0.0	0.3	36111	40	1.5
Croplan 631RR/Bt	205.6	215.4	15.5	0.0	0.0	33889	41	2.0

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches	Tip Cover
Early- to Mid-Season Hybrids Continued								
AgriGold A6455BtRR	205.6	▪	15.4	0.0	0.0	29454	43	1.5
DEKALB DKC61-45	205.5	222.9	15.3	0.0	0.0	34167	36	1.0
Mycogen 2A765	204.9	▪	15.6	0.0	0.0	34722	40	1.5
Terral TV25BR71	204.7	208.3	21.0	0.3	1.7	33611	46	1.0
AgriGold A6522Bt	204.5	▪	15.6	0.0	0.0	30694	38	1.5
NK Brand N70-T9	204.2	222.9	17.5	0.0	0.0	34348	37	1.5
DEKALB DKC64-76	203.7	▪	15.6	0.0	0.0	35278	37	2.0
Dyna-Gro 57P69	203.2	213.2	15.7	0.0	0.0	34557	41	2.0
Belle 1040RY	202.8	▪	15.5	0.0	0.0	31111	44	2.0
Dyna-Gro 57B90	202.7	221.4	17.0	0.0	0.3	34583	39	1.0
Croplan 6818RR/Bt	202.1	▪	15.9	0.0	0.0	38021	42	1.5
DEKALB DKC66-23	201.8	219.4	17.5	0.0	0.0	33194	44	1.5
Belle 1147RY	200.3	▪	15.6	0.0	0.0	32500	41	1.0
Terral TV26B34	200.0	219.1	19.3	0.3	0.7	31805	40	1.0
Terral TVX25R81	199.0	▪	21.0	0.0	0.3	33099	48	1.0
Dyna-Gro 58P59	198.0	227.0	18.1	0.0	0.0	34861	48	1.5
Adler 4740YGPL	195.5	▪	15.5	0.0	1.3	31528	42	2.0
NK Brand N68-B8	194.9	202.3	15.5	0.0	0.3	33194	38	1.5
Croplan 7505RR	188.2	▪	15.6	0.0	0.0	35000	41	1.0
Freedom 580CBLL	186.5	▪	15.4	0.0	0.0	33194	43	2.0
Terral TV23R31	184.2	203.3	18.0	0.0	0.3	31945	44	1.0
Adler 3545RRPL	184.1	▪	15.5	0.0	0.0	33194	38	1.5
Grand mean	211.0	▪	17.0	0.0	0.2	33647	42	1.5
LSD (5%)	23.6	▪	2.3	0.5	1.5	▪	▪	▪
C.V. (%)	6.9	▪	8.3	▪	▪	▪	▪	▪

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches	Tip Cover
Mid- to Full-Season Hybrids								
Pioneer 31D61	235.3	▪	16.8	0.0	0.0	32292	47	1.0
Pioneer 31G96	226.6	244.5	16.2	0.0	0.0	32604	53	1.5
Pioneer 31P41	224.3	228.0	15.6	0.0	0.3	33334	40	1.5
Triumph 1977CbRR	220.8	▪	16.5	0.0	0.0	33021	46	1.5
Golden Acres 2841RRB	220.4	224.8	16.5	0.0	0.0	34688	48	1.5
Belle 1844RY	218.0	▪	17.1	0.0	0.0	32685	47	1.5
DEKALB DKC67-23	218.0	229.6	15.9	0.0	0.3	33958	42	2.0
Belle 1722R	215.4	▪	16.5	0.0	0.0	30938	49	1.0
Pioneer 31N28	214.9	229.7	16.0	0.0	0.3	31146	37	1.0
Dyna-Gro 58K02	213.4	210.0	18.4	0.0	0.0	31042	49	2.0
Golden Acres 2989RRB	212.4	▪	16.9	0.0	0.0	31667	54	1.0
DEKALB DKC69-71	209.5	230.0	17.6	0.0	0.0	34479	47	1.0
Pioneer 32B29	208.1	222.4	15.6	0.0	0.0	31146	47	1.5
Adler 9040RRBT	203.3	224.3	17.1	0.0	0.0	30313	42	1.5
Dyna-Gro 58P45	203.2	222.2	16.1	0.0	0.0	31146	53	1.5
Croplan 818RR/Bt	201.3	214.6	19.0	0.0	0.0	34688	43	2.0
Dyna-Gro 58P19	199.5	▪	17.6	0.0	0.0	31875	48	1.5
Dyna-Gro 58K40	196.9	208.5	18.7	0.0	0.0	30625	52	1.0
Dyna-Gro 58P60	194.4	210.0	17.5	0.0	0.0	31354	51	1.0
DEKALB DKC69-43	190.4	▪	15.7	0.0	0.3	31875	44	1.5
Dyna-Gro 58P74	190.0	▪	16.7	0.0	0.0	30938	43	2.0
Croplan 799RR/Bt	189.6	203.7	16.7	0.0	0.3	30209	39	1.5
Grand mean	209.4	▪	16.9	0.0	0.1	32092	46	1.4
LSD (5%)	15.6	▪	1.7	▪	0.3	▪	▪	▪
C.V. (%)	5.3	▪	7.2	▪	▪	▪	▪	▪

Table 11. Performance of Irrigated Corn Hybrids, Stuttgart, AR, 2007, Continued.

Soil Series	Crowley silt loam
Previous Crop	Soybean
Row Width	32"
Preplant Fertilizer	12-23-20-04 @ 295 lbs./A + micro zinc sulfate 35.5%, 3/20
Planting Date	4/19
Irrigation Dates	5/11, 6/1, 6/13, 6/25, 7/26, 8/2, 8/9
Sidedress Fertilizer	200 lbs./A N, 5/11; 200 lbs./A N, 6/1
Herbicide Application(s)	Bicep II Magnum, 5/8
Fungicide Application(s)	Quilt, 7/18
Insecticide Application(s)	Intrepid, 6/20, 7/14
Harvest Date	8/29

Precipitation (inches)

	April	May	June	July	August	Total
2007	3.2	2.8	2.7	3.8	0.1	12.6
Average	5.6	4.7	3.6	3.4	2.8	20.1
Departure	-2.4	-1.9	-0.9	0.4	-2.7	-7.6

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, AR, 2007[1].

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging %	Stalk Lodging %	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids								
Croplan 7505RR	190.4	▪	▪	14.8	0.0	0.0	32500	40
Dyna-Gro 57P69	189.7	201.2	▪	14.3	0.0	0.0	34138	36
NK Brand N68-B8	185.5	206.6	▪	13.4	0.0	0.0	31810	33
Belle 1533Y	184.6	207.0	198.6	17.2	0.0	0.0	31552	37
Mycogen 2T780	181.8	206.0	▪	18.1	0.0	0.0	30345	40
DEKALB DKC61-73	180.4	▪	▪	13.4	0.0	0.0	32328	34
DEKALB DKC64-78	180.3	▪	▪	15.5	0.0	0.0	28621	38
DEKALB DKC61-22	180.3	199.6	▪	13.1	0.0	0.0	30690	40
Adler 3545RRPL	180.1	▪	▪	13.6	0.0	0.0	29138	36
Terral TVX25R701	179.5	▪	▪	15.6	0.0	0.0	30690	39
Golden Acres 2821RLH	179.1	▪	▪	16.2	0.0	0.0	34828	45
AgriGold A6633BT	178.4	▪	▪	14.5	0.0	0.0	29656	30
Terral TV25BR71	178.4	203.0	▪	18.8	0.0	0.0	28793	41
AgriGold A6455BtRR	177.8	▪	▪	14.1	0.0	0.0	29569	41
DEKALB DKC65-47	177.8	▪	▪	13.8	0.0	0.0	30517	41
Mycogen 2A765	176.5	▪	▪	14.8	0.0	0.0	29138	40
Terral TVX23BR701	175.6	▪	▪	17.8	0.0	0.0	32242	45
DEKALB DKC61-45	175.4	189.9	195.8	13.2	0.0	0.0	31207	40
Dyna-Gro 57K58	174.9	207.3		17.6	0.0	0.0	30517	38
Terral TV26BR41	172.6	196.1	200.1	18.2	0.0	0.0	29052	36
Dyna-Gro 57G48	172.5	▪	▪	17.7	0.0	0.0	33104	36
Terral TV23R31	170.9	197.2	189.4	19.7	0.0	0.0	30517	44
Dyna-Gro 57B90	170.2	189.7	▪	16.3	0.0	0.0	30086	36
AgriGold A6639RR	170.0	▪	▪	14.8	0.0	0.3	30431	38
Belle 1646RY	169.9	▪	▪	18.1	0.0	0.0	26552	42
Garst 8295YG1/RR	169.9	▪	▪	18.4	0.0	0.0	26897	42
Croplan 6818RR/Bt	169.8	▪	▪	16.6	0.0	0.5	34138	43
Belle 1040RY	167.8	▪	▪	14.4	0.0	0.5	27414	40
Terral TVX25BR702	166.6	▪	▪	15.4	0.0	0.0	34052	41
Belle 1545RY	165.6	189.2	189.1	18.4	0.0	0.0	31379	37
Dyna-Gro 57K33	165.0	180.7	▪	17.1	0.0	0.0	30173	40
Mycogen 2C727	164.3	▪	▪	15.5	0.0	0.0	29483	39
AgriGold A6479BtRR	163.5	▪	▪	14.1	0.0	0.0	30862	38
Dyna-Gro 58P59	163.2	196.9	189.0	17.4	0.0	0.0	28707	41
Croplan 631RR/Bt	163.1	190.8	189.4	14.0	0.0	0.0	29828	35
AgriGold A6522Bt	163.1	▪	▪	14.4	0.0	0.0	29224	36
NK Brand N70-T9	163.0	183.5	187.4	16.6	0.0	0.0	31294	39
Belle 1147RY	162.8	▪	▪	14.6	0.0	0.0	28534	37

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, AR, 2007[1], Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Early- to Mid-Season Hybrids Continued								
Adler 3515RRBT	162.1	▪	▪	14.6	0.0	0.5	30862	35
Pioneer 33M57	161.4	▪	▪	15.9	0.0	0.0	30345	38
Croplan 751RR/Bt	160.7	▪	▪	17.8	0.0	0.0	28966	39
Dyna-Gro 57F87	159.6	190.8	194.5	16.9	0.0	0.0	31552	36
Freedom 580CBLL	159.4	▪	▪	13.1	0.0	0.0	27931	41
DEKALB DKC64-76	159.3	▪	▪	14.9	0.0	0.0	29828	38
Terral TV25R31	158.1	187.6	183.9	18.0	0.0	0.0	28276	41
Adler 4740YGPL	158.0	▪	▪	14.3	0.0	0.0	29138	36
Terral TVX26BR601	157.0	196.0	▪	18.3	0.0	0.3	30259	42
DEKALB DKC66-23	156.2	188.8	▪	16.8	0.0	0.0	30517	37
Terral TV26BR61	155.9	195.7	▪	17.9	0.0	0.0	29052	46
NK Brand N77-P5	155.9	▪	▪	15.6	0.0	0.0	29311	37
Dyna-Gro 57P12	155.4	190.8	193.8	18.5	0.0	0.0	30345	37
Belle 1620R	154.9	▪	▪	16.9	0.0	0.0	32845	39
Golden Acres 2831RRB	154.3	195.5	191.6	15.9	0.0	0.0	33793	40
Terral TV26B34	154.3	183.9	184.6	18.3	0.0	0.0	28966	39
DEKALB DKC63-46	153.4	176.5	▪	14.1	0.0	0.0	29741	42
FFR 787RRBT	152.1	▪	▪	17.0	0.0	0.0	30603	40
Terral TV25BR23	145.4	187.9	191.0	16.4	0.0	0.0	30604	35
Terral TVX25R81	144.1	▪	▪	18.5	0.0	0.5	27242	43
Pioneer 33N58	142.9	▪	▪	14.5	0.0	0.0	28793	40
Pioneer 33R81	141.1	▪	▪	14.3	0.0	0.0	29483	43
Grand mean	166.7	▪	▪	16.0	0.0	0.0	30308	39
LSD (5%)	22.1	▪	▪	1.2	▪	0.4	▪	▪
C.V. (%)	9.6	▪	▪	5.2	▪	▪	▪	▪

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, AR, 2007[1], Continued.

Brand/Hybrid	Yield bu./A	2-Year Avg. bu./A	3-Year Avg. bu./A	Grain Moisture %	Root Lodging	Stalk Lodging	Plants Per Acre	Ear Height Inches
Mid- to Full-Season Hybrids								
Golden Acres 2841RRB	196.4	214.4	210.7	16.6	0.0	0.0	36983	42
Pioneer 31D61	190.1	▪	▪	15.8	0.0	0.0	31035	46
DEKALB DKC69-43	187.1	▪	▪	15.2	0.0	0.0	33104	44
Dyna-Gro 58P19	184.0	▪	▪	17.8	0.0	0.0	29742	48
Pioneer 31N28	178.8	206.9	194.4	16.0	0.0	0.0	28362	42
Pioneer 31P41	173.5	206.3	▪	15.7	0.0	0.0	30690	44
Dyna-Gro 58K40	172.4	193.3	▪	17.0	0.0	0.0	29052	50
Dyna-Gro 58P45	160.8	190.1	▪	16.6	0.0	0.0	27587	46
Pioneer 31G96	160.4	204.1	▪	14.8	0.0	0.0	33103	48
Golden Acres 2989RRB	157.6	▪	▪	16.5	0.0	0.0	29569	48
DEKALB DKC67-23	155.9	187.4	▪	15.2	0.0	0.0	33621	44
Dyna-Gro 58P74	155.0	▪	▪	18.0	0.0	0.0	30259	42
Dyna-Gro 58P60	154.8	181.1	▪	16.6	0.0	0.3	26983	49
Croplan 818RR/Bt	154.3	195.2	196.0	17.5	0.0	0.0	29914	44
Belle 1844RY	152.9	▪	▪	16.3	0.0	0.0	30345	46
Adler 9040RRBT	152.9	195.7	192.2	17.5	0.0	0.0	25949	43
Pioneer 32B29	151.9	194.7	▪	13.9	0.0	0.0	30862	45
Dyna-Gro 58K02	146.3	182.2	▪	18.2	0.0	0.5	27328	44
Triumph 1977CbRR	144.2	▪	▪	15.1	0.0	0.0	27759	51
DEKALB DKC69-71	138.9	161.7	166.1	18.5	0.0	0.0	30172	46
Belle 1722R	136.0	▪	▪	15.9	0.0	0.0	28707	45
Croplan 799RR/Bt	130.3	174.2	▪	15.6	0.0	0.0	25862	39
Grand mean	160.7	▪	▪	16.4	0.0	0.0	29863	45
LSD (5%)	20.2	▪	▪	1.8	▪	0.3	▪	▪
C.V. (%)	9.0	▪	▪	7.7	▪	▪	▪	▪

[1] Yields at this location were lower than expected, possibly due to delayed planting because of dry conditions and saturated soils from two heavy rains in July.

Table 12. Performance of Irrigated Corn Hybrids, Rohwer, AR, 2007[1], Continued.

Soil Series	Sharkey Desha silt loam
Previous Crop	Soybean
Row Width	38"
Preplant Herbicide	Roundup + Atrazine + Dual
Planting Date	4/20
Irrigation Dates	5/23, 6/5, 6/13, 7/2, 7/23
Sidedress Fertilizer	Urea 110 lbs./A, 4/24; 325 lbs./A, 5/15; 110 lbs./A, 6/8
Herbicide Application(s)	Atrazine, 5/17
Fungicide Application(s)	Quilt, 7/19
Insecticide Application(s)	Intrepid, 6/21, 7/6
Harvest Date	8/28

Precipitation (inches)

	April	May	June	July	August	Total
2007	4.6	3.9	5.2	5.2	0.3	19.2
Average	5.0	4.7	3.5	3.9	2.7	19.8
Departure	-0.4	-0.8	1.7	1.3	-2.4	-0.6

Participants and Entries
2007 Grain Sorghum Tests

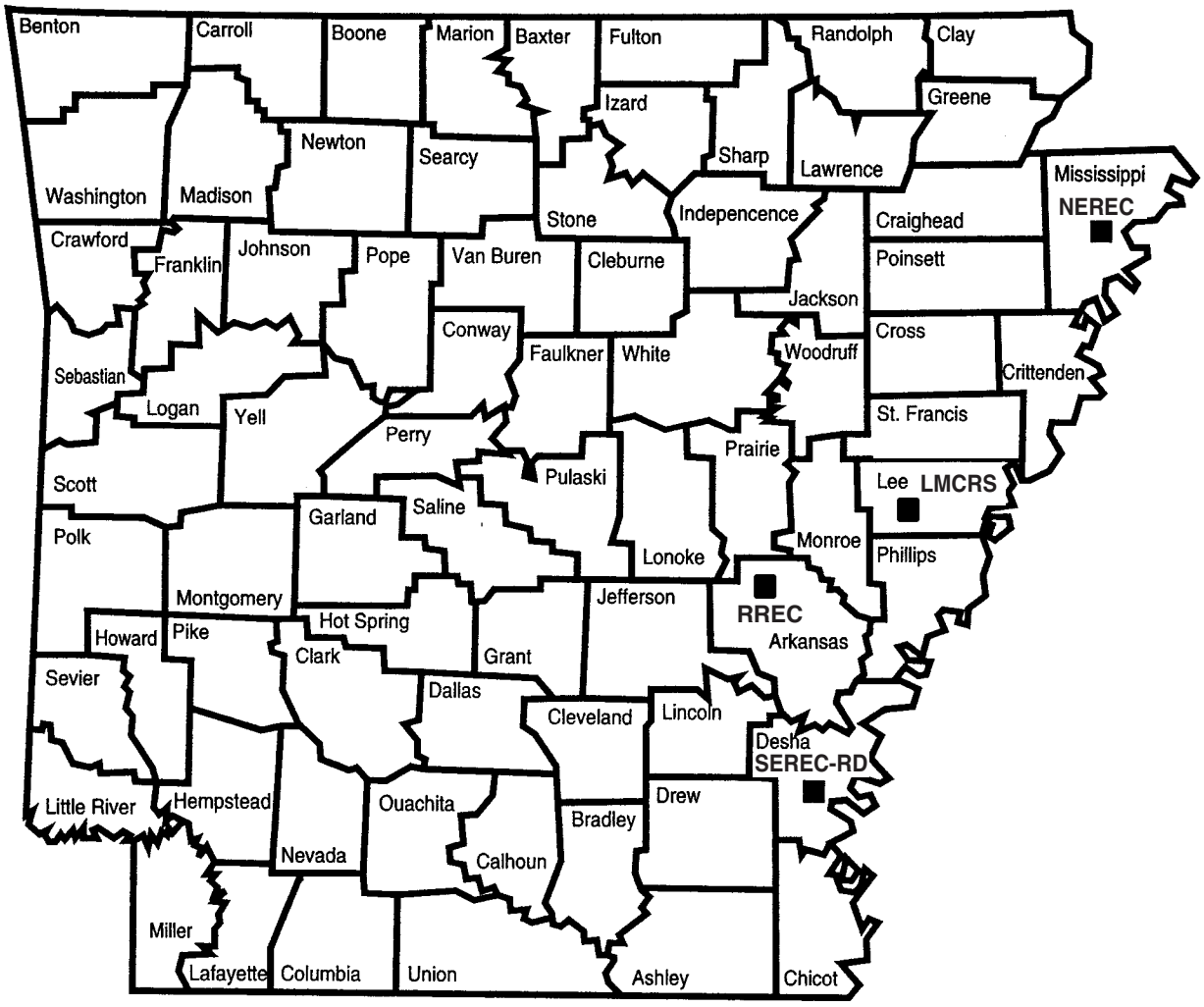
Company/Institution	Hybrid
FFR Seed 969 Cloverleaf Drive Southaven, MS 38671	FFR 322
Monsanto Company 982 U.S. Hwy 77 Bishop, TX 78343	Asgrow A571 Asgrow A603 DEKALB DKS37-07 DEKALB DKS53-67 DEKALB DKS54-00
Pioneer Hi-Bred International, Inc. 700 Boulevard South Suite 302 Huntsville, AL 35802	Pioneer 84G62
Terral Seed Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV1050 Terral TV93S72 Terral TV9421 Terral TV96H81 Terral TV96H91
Triumph Seed Co., Inc. P.O. Box 1050 Ralls, TX 79357	Triumph TR82-G
United Agri Products 57 Germantown Court Suite 200 Cordova, TN 38018	Dyna-Gro 751B Dyna-Gro 754B Dyna-Gro 758B Dyna-Gro 772B Dyna-Gro 780B Dyna-Gro GX06170 Dyna-Gro GX07064 Dyna-Gro GX07163 Dyna-Gro GX07467

Participants and Entries
2007 Corn Test

Company/Institution	Hybrid
AgriGold Hybrids RR1 Box 203 St. Francisville, IL 62460-9989	A6455BtRR A6479BtRR A6522Bt A6633Bt A6639RR
Belle Southern 1 Pennsylvania Street Waldenburg, AR 72475	Belle 1040RY Belle 1147RY Belle 1533Y Belle 1545RY Belle 1620R Belle 1646RY Belle 1722R Belle 1844RY
Croplan Genetics 4990 North County Road 583 Blytheville, AR 72315	Croplan 631 RR/BT Croplan 6818 RR/BT Croplan 7505 RR Croplan 751 RR/BT Croplan 799 RR/BT Croplan 818 RR/BT
FFR Seed 969 Cloverleaf Drive Southhaven, MS 38671	FFR 787RR2BT
Golden Acres Genetics P.O. Box 579 Buchanan Dam, TX 78609	Golden Acres 2821 RLH Golden Acres 2831 RRB Golden Acres 2841 RRB Golden Acres 2989 RRB
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	DEKALB DKC61-22 DEKALB DKC61-45 DEKALB DKC61-73 DEKALB DKC63-46 DEKALB DKC64-76 DEKALB DKC64-78 DEKALB DKC65-47 DEKALB DKC66-23 DEKALB DKC67-23 DEKALB DKC69-43 DEKALB DKC 9-71
Mycogen Seeds Route 1, Box 250 Wayne City, IL 62895	Mycogen 2A765 Mycogen 2C727 Mycogen 2T780

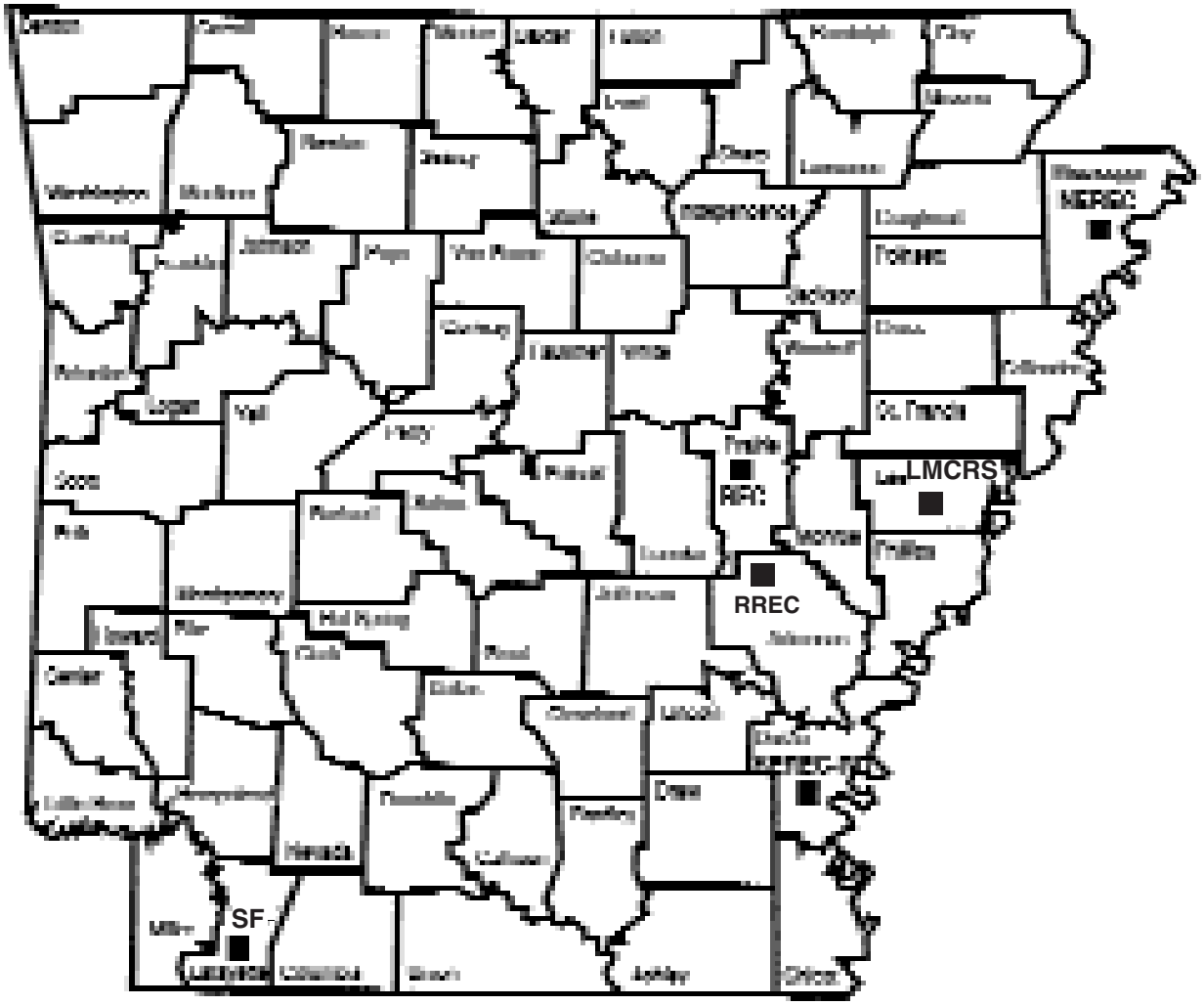
Company/Institution	Hybrid
NK Brand Seeds 6711 Hare Hill Drive Arlington, TN 38002	Garst 8295 YG1/RR NK 68-B8 NK 70-T9 NK 77-P5
Pioneer Hi-Bred International, Inc 700 Boulevard South Suite 302 Huntsville, AL 35802	Pioneer 31D61 Pioneer 31G96 Pioneer 31N28 Pioneer 31P41 Pioneer 32B29 Pioneer 33M57 Pioneer 33N58 Pioneer 33R81
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV23R31 Terral TV25BR23 Terral TV25BR71 Terral TV25R31 Terral TV26B34 Terral TV26BR41 Terral TV26BR61 Terral TVX23BR701 Terral TVX25BR702 Terral TVX25R701 Terral TVX25R81 Terral TVX26BR601
Triumph Seed Co., Inc. P.O. Box 1050 Ralls, TX 79357	1977 CbRR
UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211	Adler 3515RRBT Adler 3545RRPL Adler 4740YGPL Adler 9040RRBT Freedom 580CBLL
United Agri Products 57 Germantown Court Suite 200 Cordova, TN 38018	Dyna-Gro 57B90 Dyna-Gro 57F87 Dyna-Gro 57G48 Dyna-Gro 57K33 Dyna-Gro 57K58 Dyna-Gro 57P12 Dyna-Gro 57P69 Dyna-Gro 58K02 Dyna-Gro 58K40 Dyna-Gro 58P19 Dyna-Gro 58P45 Dyna-Gro 58P59 Dyna-Gro 58P60 Dyna-Gro 58P74

GRAIN SORGHUM TEST LOCATIONS



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

CORN TEST LOCATIONS



NEREC	**Northeast Research and Extension Center, Keiser, Arkansas**
LMCRS	**Lon Mann Cotton Research Station, Marianna, Arkansas**
BFC	**Bell Farming Company, Des Arc, Arkansas**
RREC	**Rice Research and Extension Center, Stuttgart, Arkansas**
SEREC-RD	**Southeast Research and Extension Center - Rohwer Division, Rohwer, Arkansas**
SF	**Seiler Farm, Lafayette County**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