Information Bulletin 480 December 2013

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Corn for Grain

HYBRID TRIALS, 2013

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Mississippi Agricultural & Forestry Experiment Station • George M. Hopper, Director

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NOTICE TO USER

This Mississippi Agricultural and Forestry Experiment Station information bulletin is a summary of research conducted under project number MIS 1414 at locations shown on the map on the second page. It is intended for colleagues, cooperators, and sponsors. The interpretation of data presented in this report may change after additional experimentation. Information included is not to be construed as a recommendation for use or as an endorsement of a specific product by Mississippi State University or the Mississippi Agricultural and Forestry Experiment Station.

This report contains data generated as part of the Mississippi Agricultural and Forestry Experiment Station research program. Joint sponsorship by the organizations listed on pages 2-3 is gratefully acknowledged.

Trade names of commercial products used in this report are included only for clarity and understanding. All available names (i.e., trade names, chemical names, etc.) of products used in this research project are listed on pages 2-3.

The Mississippi Corn Promotion Board provided funds for publishing these hybrid trial results.

Mississippi Corn for Grain Hybrid Trials, 2013

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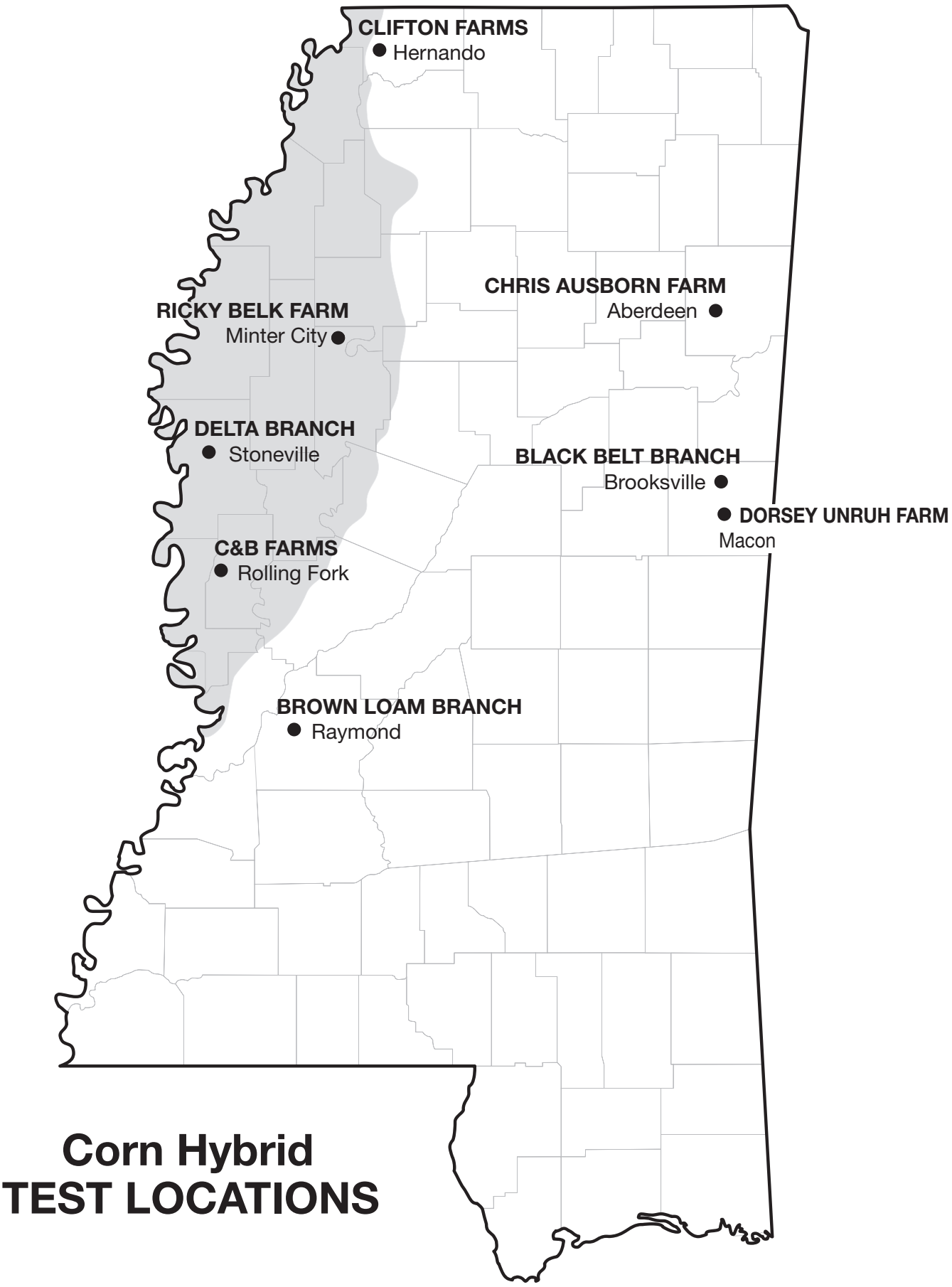

Corn Hybrid TEST LOCATIONS

Mississippi Corn for Grain Hybrid Trials, 2013

Procedure

Trials were conducted on Experiment Station land or on grower-cooperator fields in two geographical areas in Mississippi: Area I, located in the hill region of Mississippi (five dryland locations); and Area II, located in the Delta region of Mississippi (three irrigated locations) (see map). Commercial seed companies were given the opportunity to enter hybrids in either Area I or Area II or both.

Plots consisted of two 30-inch rows, 15 feet long. Weeds were controlled by cultivation and/or herbicides. Only herbicides currently registered for use on corn were used in these studies, with strict adherence to all label instructions.

All hybrids were treated with Poncho or Cruiser for seedling insect control. Experimental design was a randomized complete block with four replications at each location.

Seed of all entries were supplied by participating companies. All seed were packaged for planting at seeding rates suggested by the participating company and planted with a cone planter. Fertilizer was applied according to soil test recommendations. Plots in Area I were grown under dryland and irrigated conditions, and plots in Area II were furrow irrigated, as necessary.

Variables Measured in the Corn Hybrid Tests

Yield: An Almaco SPC 40 plot combine was used to harvest the total area of each plot. Harvested grain was weighed, moisture was determined, and yields were converted to bushels per acre at 14% moisture.

Ear Height: Ear height is the distance from the soil to the highest ear-bearing node.

Harvest Population: Harvest population is a measure of the number of plants per acre, based on actual stand counts.

Use of Data Tables and Summary Statistics

The yield potential of a given hybrid cannot be measured with complete accuracy. Consequently, replicate plots of all hybrids are evaluated for yield, and the yield of a given hybrid is estimated as the mean of all replicate plots of that hybrid. Yields vary somewhat from one replicate plot to another, which introduces a certain degree of error to the value. As a result, although the mean yields of some hybrids are numerically different, the two hybrids may not be significantly different from each other within the range of natural variation. That is, the ability to measure yield is not precise enough to determine what the small differences are, other than what might be observed purely by chance.

The least significant difference (LSD) is an estimate of the smallest difference between two hybrids that can be declared to be the result of something other than random variation in a particular trial. Consider the following example for a given trial:

Hybrid	Yield
A	90 bu/A
B	85 bu/A
C	81 bu/A
LSD	7 bu/A

The difference between hybrid A and hybrid B is 5 bu/A (i.e., 90 - 85 = 5). This difference is smaller than the LSD (7 bu/A). Consequently, we would conclude that hybrid A and hybrid B have the same yield potential, since we are unable to say that the observed difference did not occur purely due to chance. However, the difference between hybrid A and hybrid C is 9 bu/A (i.e., 90 - 81 = 9), which is larger than the LSD (7 bu/A). We would therefore conclude that the yield potential of hybrid A is superior to that of hybrid C.

The coefficient of variation (CV) is a measure of the relative precision of a given trial and is used to compare the relative precision of different trials. The CV is generally considered an estimate of the amount

of unexplained variation in a given trial. This unexplained variation can be the result of variation between plots with respect to soil type, fertility, insects, diseases, moisture stress, etc. Overall, as the CV increases, the precision of a given trial decreases.

The coefficient of determination (R^2) is another measure of the level of precision in a trial and is also used to compare the relative precision of different trials. The R^2 is a measure of the amount of variation that is explained, or accounted for, in a given trial. For example, an R^2 value of 90 percent indicates that 90 percent of the observed variation in the trial has been accounted for in the trial, with the remaining 10 percent being unaccounted for. The higher the R^2 value, the more precise the trial. The R^2 is generally considered a better measure of precision than the CV for comparison of different trials.

Table 1. Characteristics provided by sponsoring companies for corn hybrids entered in the Mississippi Corn for Grain Hybrid Trials, 2013.

Company	Hybrid	Trait[1]	Planting rate (x1000)	Seed treatment	Days to maturity
AgriGold Hybrids	A6489VT2PRIB	Genuity Double Pro	34	Acceleron+Votivo	113
5381 Akin Road	A6499VT3PRO	Genuity Triple Pro	34	Acceleron+Votivo	112
St. Francisville, IL 62460	A6501VT3PRO	Genuity Triple Pro	32	Acceleron+Votivo	113
618-943-5776	A6517VT3PRIB	Genuity Triple Pro	32	Acceleron+Votivo	113
	A6533VT2RIB	Genuity Double Pro	32	Acceleron+Votivo	113
	A6559VT2PRO	Genuity Double Pro	34	Acceleron+Votivo	113
	A6573VT3PRIB	Genuity Triple Pro	32	Acceleron+Votivo	114
	A6659VT3PRO	Genuity Triple Pro	34	Acceleron+Votivo	116
	A6687VT2PRO	Genuity Double Pro	32	Acceleron+Votivo	117
	A6679VT2RIB	Genuity Double Pro	34	Acceleron+Votivo	116
Armor Seed	1133PRO2	VT2PRO	32	Acceleron+Votivo	111
P.O. Box 178	1262PRO2	VT2PRO	32	Acceleron+Votivo	112
Fisher, AR 72429	1555SS	VT3PRO	32	Acceleron+Votivo	114
870-579-2286	1550PRO2	VT2PRO	32	Acceleron+Votivo	115
	1880PRO2	VT2PRO	32	Acceleron+Votivo	118
Augusta Seed	5262GT30008	GTCBLLRW	32	Poncho 250	112
P.O. Box 899	5465GTCBLLC	GTCBLLC	32	Cruiser 250	115
Verona, VA 24482	5565VT3PRO	RRBTRW	32	Poncho 500	115
540-255-5901	6665VT3PRO	RRBTRW	32	Poncho 500	115
	7767VT2PRO	RRBTRW	32	Cruiser 1250	117
	7768GT	GT	32	Poncho 500	118
	6866GT3000	GTCBLLRW	32	Acceleron 500	116
B-H Genetics	8700VTTP	Genuity VT3P	28/34	Acceleron 500	115
5933 FM 115	8550VT2P	Genuity VT2P	28	Acceleron 500	114
Ganado, TX 77962	8845VTTP	Genuity VT3P	28/34	Acceleron 500	116
361-771-2755	8928VTTP	Genuity VT3P	30/34	Acceleron 500	119
	8844VTTP	Genuity VT3P	30	Acceleron 500	117
	8830VTTP	Genuity VT3P	34	Acceleron 500	117
	8900GT3	3000GT	34	Cruiser Maxx 500	117
	8660VTTP	Genuity VT3P	34	Acceleron 500	116
	8735VTTP	Genuity VT3P	34	Acceleron 500	117
Crop Production Services	D52VC91	VT2PRO	34	Poncho 500	112
125 Robinson Road	D53VC13	VT2PRO	34	Poncho 500	113
Houston, MS 38851	D54VP81	VT3PRO	34	Poncho 500	114
662-456-5003	D55VP77	VT3PRO	34	Poncho 500	115
	D56VC46	VT2PRO	34	Poncho 500	116
	D56VP10	VT3PRO	34	Poncho 500	116
	D57VP51	VT3PRO	34	Poncho 500	117
	D57VP75	VT3PRO	34	Poncho 500	117
Delta Grow Seed	2888	GTCBLL	33	Cruiser Extreme 250	115
P.O. Box 219	3788	GTCBLL	33	Cruiser Extreme 250	114
England, AR 72046	6160 VIP	GTCBLL	34	Cruiser Extreme 250	117
800-530-7933	2788	GTCBLL	34	Cruiser Extreme 250	116
	3660	GTCBLL	34	Cruiser Extreme 250	113
	1660	VIPGTCBLL	34	Cruiser Extreme 250	113
Croplan by Winfield	6640 VT3P	VT3P	32/36	Cruiser 250	114
P.O. Box 64281	6926 VT3P	VT3P	32/36	Cruiser 250	114
St. Paul, MN 55164	8410 VT3P	VT3P	32/36	Cruiser 250	117
662-907-1970	8621 VT3P	VT3P	32/36	Cruiser 250	117
	7927	VT3P	32/36	Cruiser 250	117

[1]RR = Incorporates Roundup Ready Technology; LL, L = Incorporates Liberty Link Technology; YGCB = Yield Guard Corn Borer Protection; HX = Herculex Corn Borer Protection Technology; Conv. = Conventional. (E) = Experimental.

Table 1 (continued). Characteristics provided by sponsoring companies for corn hybrids entered in the Mississippi Corn for Grain Hybrid Trials, 2013.

Company	Hybrid	Trait[1]	Planting rate (x1000)	Seed treatment	Days to maturity
DuPont Pioneer 700 Boulevard South, SW, Suite 302 Huntsville, AL 35802 256-650-4223	P1319HR P1636YHR	HX1 YieldGard+HX1	28/34 28/34	Poncho 1250+Votivo Poncho 1250+Votivo	113 116
Golden Acres Genetics P.O. Box 579 Buchanan Dam, TX 78609 512-793-5205	G5531 G7601 26V21 27V01 G6611 G6641	VT3P VT3P VT3P VT3P VT3P VT3P	36 30 34 30 34 34	Acceleron 1250 Acceleron 1250 Acceleron 1250 Acceleron 1250 Acceleron 1250 Acceleron 1250	115 117 115 117 116 116
Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167 601-317-2661	DKC61-79 GENVT3P DKC61-88 GENVT3P DKC62-08 GENSS DKC64-69 GENVT3P DKC65-19 GENVT3P DKC66-40 GENSS DKC66-87 GENVT2P DKC66-97 GENVT2P DKC67-57 GENVT3P DKC69-29 GENVT3P	RRxBT RRxBT RRxBTxLL RRxBT RRxBT RRxBTxLL RRxBT RRxBT RRxBT RRxBT	34 34 34 34 34 34 34 34 34 34	Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo Acceleron 500 Poncho/Votivo	111 111 112 114 115 116 116 116 117 119
Great Heart Seed 220 West Washington St. Paris, IL 61944 815-644-8663	HT7261 HT7240	VT3P VT2P	34 34	Poncho 500 Poncho 500	112 112
Syngenta Seeds 112 Meadowlark Lane Indianola, MS 38751 662-207-1604	NK NK NK	N78S 3111 N79T 3111 N83D 3111	28/34 28/34 28/34	Cruiser Maxx 1250 Cruiser Maxx 1250 Cruiser Maxx 1250	116 116 118
Terral Seed Inc. P.O. Box 826 Lake Providence, LA 71254 318-559-2840	REV®17HR73™ REV®18BHR84™ REV®22BHR21™ REV®22BHR43™ REV®22BHR54™ REV®24BHR93™ REV®25BHR44™ REV®26BHR50™ REV®27HR83™ REV®28HR20™ REV®28R10™	HX1, LL, RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR YGCB,HX1,LL,RR HX1, LL, RR HX1, LL, RR RR	30 30 30 30 30 30 30 30 30 30 30	Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250 Cruiser 250	107 108 112 112 112 114 115 116 117 118 118
Mississippi State University P.O. Box 9555 Mississippi State, MS 39762 662-325-7483	Girth Son of Girth	— —	28/34 28/36	Cruiser 250 Cruiser 250	115 115
Mycogen 117 Emerald Drive West Monroe, LA 71292 318-282-7536	2V707 2V714 2A787 2Y811 2Y816 2J794 2C786 2Y765 2P886 X13824 X13825 X13826	SSX, LL, RR2 SSX, LL, RR3 HHX, LL, RR2 RR2 HX, LL, RR2 HX, LL, RR2 HX, LL, RR2 SSX, LL, RR2 HX, LL, RR2 SSX,LL, RR2 SSX, LL, RR2 SSX, LL, RR2	36 36 36 36 36 36 36 36 34 32 32 32	Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx Cruiser Maxx	113 114 113 115 116 115 115 114 120 117 116 116
Steyer Seeds P.O. Box 209 Old Fort, OH 44861 800-231-4274	11407 X21151CM X31161TM	VT3ProRibC VT2ProRIBC VT3PRORIBC	36 36 36	Cruiser 250 Cruiser 250 Cruiser 250	114 115 116
T.A. Seeds P.O. Box 300 Avis, PA 17721 866-813-7333	TA 753-22DP TA780-22DP X18691D X18696D	Double Pro Double Pro Triple Pro Triple Pro	28/34 28/34 28/34 28/34	Avicta complete Avicta complete Avicta complete Avicta complete	115 116 113 114

[1]RR = Incorporates Roundup Ready Technology; LL, L = Incorporates Liberty Link Technology; YGCB = Yield Guard Corn Borer Protection; HX = Herculex Corn Borer Protection Technology; Conv. = Conventional. (E) = Experimental.

Table 2. 2013 corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A 6489VT2PRIB	121.7	124.2	188.1	166.1	150.0
AgriGold	A6501VT3PRO	139.1	125.0	162.0	110.6	134.2
AgriGold	A 6517VT3PRIB	130.6	117.8	192.9	137.0	144.6
AgriGold	A6499VT3PRO	143.7	126.8	199.6	108.4	144.6
AgriGold	A6533VT2 RIB	136.9	119.5	149.0	147.8	138.3
AgriGold	A6559VT2RIB	141.0	131.6	202.1	161.7	159.1
AgriGold	A6573VT3PRIB	141.2	121.0	199.1	137.9	149.8
AgriGold	A6659VT3PRO	158.8	135.6	209.4	153.7	164.4
AgriGold	A6687VT2PRO	175.5	126.2	207.2	136.3	161.3
Armor	1133 PRO2	132.0	126.0	175.1	157.3	147.6
Armor	1550 PRO2	125.0	132.6	204.2	134.2	149.0
Armor	1555SS	132.2	127.3	180.3	131.7	142.9
Armor	1880 PRO2	164.1	122.7	181.1	137.2	151.3
Armor	1262 PRO2	128.0	104.7	189.3	136.1	139.5
B-H Genetics	BH 8550VT2P	155.3	139.2	193.2	127.8	153.9
B-H Genetics	BH 8700VTTP	149.1	128.3	195.2	118.8	147.9
B-H Genetics	BH 8844VTTP	137.3	122.2	165.8	149.9	143.8
B-H Genetics	BH 8845VTTP	118.1	121.4	159.2	129.3	132.0
B-H Genetics	BH 8928VTTP	167.0	137.4	193.4	150.5	162.1
Croplan Genetics	6640VT3P	171.0	143.2	192.4	155.6	165.6
Croplan Genetics	7087 VT3P	139.0	137.1	195.6	153.7	156.3
Croplan Genetics	8621 VT2P	159.8	125.8	197.2	153.0	159.0
Croplan Genetics	CPL 6926VT3/P	154.9	128.6	185.6	139.2	152.1
Croplan Genetics	CPL 8410VT3/P	168.5	112.0	189.8	154.2	156.1
DEKALB	DKC 61-88	143.2	145.4	190.1	156.1	158.7
DEKALB	DKC61-78 GENVT3P	127.5	126.7	190.1	116.0	140.1
DEKALB	DKC62-08 GENSS	155.9	128.8	204.4	150.7	159.9
DEKALB	DKC64-69	139.3	116.5	180.1	129.3	141.3
DEKALB	DKC65-19 GENVT3P	136.1	125.7	203.0	162.4	156.8
DEKALB	DKC66-40 GENSS	143.2	145.0	204.1	163.9	164.1
DEKALB	DKC66-87 GENVT2P	153.0	136.1	204.4	148.6	160.5
DEKALB	DKC66-97 GENVT2P	160.6	146.6	199.6	192.7	174.9
DEKALB	DKC67-58 GENVT2P	171.6	140.5	209.9	158.0	170.0
DEKALB	DKC69-29 GENVT3P	135.3	124.9	199.7	145.1	151.3
Delta Grow	CX00324	154.4	137.8	195.2	141.4	157.2
Delta Grow	DG 1660	129.8	111.1	169.2	116.1	131.6
Delta Grow	DG 2788	148.6	123.8	195.7	141.2	152.3
Delta Grow	DG 2888	132.5	93.0	178.1	142.5	136.5
Delta Grow	DG 3660	145.4	122.3	201.9	145.9	153.9
Delta Grow	DG 3788	149.1	103.6	176.3	158.8	147.0
Delta Grow	DG 6160	170.0	127.6	205.7	150.6	163.5
Dyna-Gro	D52VC91	138.7	134.3	181.5	133.2	146.9
Dyna-Gro	D56VC46	154.1	106.8	187.8	129.5	144.6
Dyna-Gro	D53VC13	149.5	116.5	202.8	132.7	150.4
Dyna-Gro	D54VP81	147.6	118.9	199.8	128.5	148.7
Dyna-Gro	D55VP77	147.1	132.9	196.2	145.4	155.4
Dyna-Gro	D56VP10	156.7	142.7	207.3	160.9	166.9
Dyna-Gro	D57VP51	137.5	112.9	193.8	143.5	146.9
Dyna-Gro	D57VP75	156.2	132.3	209.5	150.3	162.1
Golden Acres	G 6641	150.4	137.8	211.8	144.0	161.0
Golden Acres	G 7601	160.3	127.0	198.5	116.5	150.6
Golden Acres	G5531	129.2	115.6	199.4	137.2	145.3
Golden Acres	GA 26V21	135.7	114.3	179.7	151.0	145.2
Golden Acres	GA 27V01	145.1	122.1	197.3	124.4	147.2
MSU	Hybrid 1 Girth xxxx	145.1	103.2	160.3	108.6	129.3
MSU	Hybrid 2 Son of Girth xxxx	143.3	79.4	144.9	81.2	112.2
Mycogen	2A787	117.6	108.5	170.8	128.7	131.4
Mycogen	2C786	174.5	137.7	202.0	161.7	169.0
Mycogen	2J794	152.7	121.9	185.1	97.1	139.2
Mycogen	2P886	153.7	75.9	195.8	77.1	125.6
Mycogen	2V707	164.7	140.8	204.4	142.5	163.1
Mycogen	2V714	177.5	149.7	193.7	169.7	172.7
Mycogen	2Y765	138.2	99.5	200.4	145.7	145.9
Mycogen	2Y811	157.6	103.7	192.2	125.0	144.6
Mycogen	2Y816	131.8	94.8	192.3	132.0	137.7
Pioneer	P1319HR	156.8	145.1	189.0	161.8	163.2
Pioneer	P1636 YHR	136.9	110.0	202.9	134.5	146.1
REV®	REV® 17HR73™	145.2	131.2	173.3	130.8	145.1
REV®	REV® 22BHR43™	134.8	140.1	181.4	138.6	148.7
REV®	REV® 24BHR93™	153.2	133.9	219.0	145.5	162.9

Table 2 (continued). 2013 corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*
REV®	REV® 27HR83™	146.3	125.0	184.2	153.2	152.2
REV®	REV® 28HR20™	166.5	142.3	196.6	155.7	165.3
REV®	REV® 28R10™	148.2	146.6	182.5	176.4	163.4
REV®	REV® 18BHR84™	152.4	125.4	178.2	127.4	145.9
REV®	REV® 22BHR21™	174.5	134.8	193.7	122.3	156.3
REV®	REV® 22BHR54™	135.7	117.5	191.8	149.1	148.5
REV®	REV® 25BHR44™	163.1	131.5	204.9	126.6	156.5
REV®	REV® 26BHR50™	138.4	130.4	192.5	127.8	147.3
Steyer	11407 VT3PRO RIBC	144.6	127.1	188.7	137.7	149.5
Steyer	X21151CM	154.2	126.9	199.6	142.6	155.8
Steyer	X31161TM	162.8	128.2	225.3	142.4	164.7
Syngenta NK	N74R-3000GT	138.3	109.0	167.1	120.9	133.8
Syngenta NK	N785 3111	141.2	107.7	173.7	115.4	134.5
Syngenta NK	N79T 3111	134.2	133.3	179.3	145.0	148.0
T.A. Seeds	TA744-22DP	114.8	130.4	176.1	120.4	135.4
T.A. Seeds	TA753-22DP	135.2	118.3	155.3	90.0	124.7
T.A. Seeds	TA780-22DP	154.4	116.7	171.7	133.9	144.2
T.A. Seeds	X18691DP	145.6	134.4	189.6	130.8	150.1
Mean		146.9	124.6	190.2	138.7	150.1
LSD .1		21.5	15.6	17.1	15.6	
Error df		261	261	261	261	
CV		12.6	10.7	7.7	9.7	
R-square		48.1	62.6	60.9	75.5	

Table 3. Two-year corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A 6489VT2PRIB	127.1	101.5	149.6	134.3	128.1
AgriGold	A 6517VT3PRIB	131.8	100.6	136.2	117.0	121.4
AgriGold	A6533VT2 RIB	131.6	95.8	123.0	123.6	118.5
AgriGold	A6573VT3RIB	131.2	93.5	141.3	121.0	121.7
AgriGold	A6659VT3PRO	130.5	105.6	142.0	134.8	128.2
Armor	1133 PRO2	126.6	109.8	134.1	124.5	123.8
Armor	1550 PRO2	120.1	107.8	153.8	119.5	125.3
Armor	1880 PRO2	138.7	99.7	135.2	112.4	121.5
Armor	Armor 1262 PRO2	131.1	96.0	143.5	116.7	121.9
Croplan Genetics	6640VT3P	154.4	122.2	144.3	129.5	137.6
Croplan Genetics	8621 VT2P	140.2	111.7	149.4	120.3	130.4
Croplan Genetics	CPL 6926VT3/P	154.3	123.8	144.9	115.6	134.6
Croplan Genetics	CPL 8410VT3/P	145.4	116.5	140.9	122.8	131.4
DEKALB	DKC 61-88	134.9	123.5	134.7	122.0	128.8
DEKALB	DKC 64-69	131.2	104.9	132.7	119.9	122.2
DEKALB	DKC66-97 GENVT2P	147.8	115.7	147.1	146.6	139.3
DEKALB	DKC67-57 GENVT3P	145.8	106.7	147.5	127.2	131.8
DEKALB	DKC69-29 GENVT3P	133.0	115.1	146.4	118.6	128.3
Delta Grow	DG 2888	120.7	75.7	126.4	108.9	107.9
Delta Grow	DG 3660	141.3	111.7	147.5	109.9	127.6
Delta Grow	DG 3788	119.8	91.8	127.3	115.3	113.5
Dyna-Gro	D52VC91	135.2	110.3	133.0	110.6	122.3
Dyna-Gro	D54VP81	131.7	109.3	141.8	111.0	123.5
Dyna-Gro	D55VP77	135.2	115.4	140.0	132.1	130.7
Dyna-Gro	D56VP10	152.1	119.2	148.3	131.2	137.7
Dyna-Gro	D57VP51	121.9	98.6	136.9	114.4	117.9
Golden Acres	G 5531	126.5	97.9	143.4	119.8	121.9
Golden Acres	GA 26V21	118.0	97.3	130.3	117.2	115.7
Golden Acres	GA 27V01	123.6	105.9	134.6	99.9	116.0
NK	N78S 3111	125.5	102.5	123.5	100.0	112.9
Pioneer	P1636 YHR	131.1	93.7	145.0	118.9	122.2
REV®	REV® 22BHR43™	129.6	105.5	145.2	119.1	124.8
REV®	REV® 24BHR93™	132.3	100.5	146.3	110.8	122.5
REV®	REV® 26BHR50™	142.8	96.9	141.0	111.3	123.0
REV®	REV® 27HR83™	123.4	101.8	143.7	118.1	121.7
REV®	REV® 28HR20™	142.4	110.2	152.4	122.3	131.8
REV®	REV® 28R10™	134.2	108.2	135.9	127.6	126.5
Overall Mean		130.2	102.7	136.2	116.0	121.3

Table 4. Three-year corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A 6489VT2PRIB	141.6	85.8	150.3	115.2	123.2
AgriGold	A6573VT3RIB	143.4	77.6	139.6	105.7	116.6
Armor	Armor 1262 PRO2	144.1	78.8	141.3	97.8	115.5
Croplan Genetics	CPL 6926VT3/P	158.7	96.7	138.1	108.2	125.4
Croplan Genetics	CPL 8410VT3/P	149.4	97.9	144.9	113.7	126.5
DEKALB	DKC 61-88	142.9	101.9	141.4	108.3	123.6
DEKALB	DKC 64-69	146.0	98.7	131.6	109.9	121.6
DEKALB	DKC67-57 GENVT3P	152.0	86.1	145.3	115.6	124.8
DEKALB	DKC69-29 GENVT3P	144.6	89.7	148.2	115.3	124.5
Delta Grow	DG 2888	129.9	71.4	121.6	91.8	103.6
Delta Grow	DG 3788	131.6	83.0	125.5	96.5	109.2
Dyna-Gro	D56VP10	155.4	98.1	146.5	111.6	127.9
Golden Acres	GA 26V21	131.9	86.9	129.0	98.1	111.5
Golden Acres	GA 27V01	135.1	87.2	129.8	83.7	109.0
REV®	REV® 26BHR50™	151.1	77.8	131.8	92.6	113.3
REV®	REV® 28HR20™	158.1	91.5	150.0	98.0	124.4
REV®	REV® 28R10™	147.1	89.9	132.9	98.3	117.0
Overall Mean		136.6	83.1	129.3	96.8	111.4

Table 5. 2013 corn hybrid yield summary for irrigated locations.

Brand	Hybrid number	Stoneville	Stoneville (clay)	Macon	Minter City	Rolling Fork	Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A6501VT3PRO	215.4	163.6	236.4	222.5	194.9	206.6
AgriGold	A 6517VT3PRIB	214.1	171.9	211.5	193.6	192.6	196.7
AgriGold	A6499VT3PRO	222.4	178.8	241.7	200.9	198.8	208.5
AgriGold	A6533VT2 RIB	208.7	156.6	211.4	204.4	194.7	195.2
AgriGold	A6559VT2RIB	213.0	175.8	228.4	219.3	209.9	209.3
AgriGold	A6573VT3PRIB	224.7	174.3	221.6	201.0	186.8	201.7
AgriGold	A6659VT3PRO	241.5	187.5	246.8	217.3	212.3	221.1
AgriGold	A6679VT2RIB	226.7	148.1	255.0	213.6	211.7	211.0
AgriGold	A6687VT2PRO	245.0	192.2	245.3	223.3	198.6	220.9
Armor	1133 PRO2	218.8	184.1	220.4	208.8	201.7	206.7
Armor	1550 PRO2	234.1	182.2	231.3	198.5	179.8	205.2
Armor	1555SS	209.8	160.6	230.9	200.5	181.2	196.6
Armor	1880 PRO2	241.9	184.8	249.9	201.4	217.4	219.1
Armor	1262 PRO2	213.1	161.2	208.2	223.7	179.5	197.1
Augusta	5262 GT3000P	216.8	181.5	225.9	201.9	178.4	200.9
Augusta	5465 GTCBLLC	229.7	170.5	226.9	203.1	204.0	206.8
Augusta	5565 VT3PRO	231.4	175.6	229.3	205.2	187.0	205.7
Augusta	6665 VT3PRO	210.4	145.3	201.8	201.8	183.5	188.6
Augusta	6866GT3000	250.8	167.8	230.8	205.9	198.2	210.7
Augusta	7767 VT2PRO	253.7	170.8	252.4	213.7	204.7	219.1
Augusta	7768 GT	223.4	192.8	253.2	229.8	197.9	219.4
B-H Genetics	BH 8660VTTP	232.8	182.3	236.4	217.4	216.1	217.0
B-H Genetics	BH 8700VTTP	225.4	168.7	231.7	209.7	194.8	206.1
B-H Genetics	BH 8735VTTP	236.0	195.0	250.5	212.1	213.6	221.5
B-H Genetics	BH 8830VTTP	225.1	183.1	231.5	194.4	215.2	209.9
B-H Genetics	BH 8845VTTP	211.2	168.2	205.2	202.5	178.6	193.1
B-H Genetics	BH 8900GT3	219.9	178.7	241.4	188.9	201.1	206.0
B-H Genetics	BH 8928VTTP	230.1	186.7	252.4	215.7	201.7	217.3
Croplan Genetics	6640VT3P	256.8	189.0	261.3	220.0	211.6	227.7
Croplan Genetics	7087 VT3P	235.0	179.0	265.6	214.2	209.4	220.6
Croplan Genetics	8621 VT2P	237.9	173.5	233.8	219.5	209.4	214.8
Croplan Genetics	CPL 6926VT3/P	232.9	171.6	253.5	212.1	190.0	212.0
Croplan Genetics	CPL 8410VT3/P	248.1	188.0	238.3	204.2	200.8	215.9
DEKALB	DKC 61-88	222.0	177.7	224.7	222.6	216.2	212.6
DEKALB	DKC61-78 GENVT3P	231.8	173.0	232.2	208.5	201.0	209.3
DEKALB	DKC62-08 GENSS	225.7	168.7	235.4	223.2	207.3	212.0
DEKALB	DKC64-69	208.0	150.2	246.5	200.3	194.9	200.0
DEKALB	DKC65-19 GENVT3P	238.4	164.7	246.4	206.5	192.9	209.8
DEKALB	DKC66-40 GENSS	239.1	183.4	261.5	225.9	199.2	221.8
DEKALB	DKC66-87 GENVT2P	238.3	191.5	250.1	217.7	198.7	219.3
DEKALB	DKC66-97 GENVT2P	248.0	190.0	239.1	217.8	224.4	223.9

Table 5 (continued). 2013 corn hybrid yield summary for irrigated locations.

Brand	Hybrid number	Stoneville	Stoneville (clay)	Macon	Minter City	Rolling Fork	Overall avg.
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*
DEKALB	DKC67-58 GENVT2P	231.3	182.1	237.6	204.6	195.1	210.2
DEKALB	DKC69-29 GENVT3P	254.0	187.6	242.9	204.4	185.9	215.0
Delta Grow	CX00324	225.1	169.2	216.7	198.6	195.6	201.0
Delta Grow	DG 1660	217.2	151.4	202.9	199.7	186.4	191.5
Delta Grow	DG 2788	244.2	183.2	231.0	209.9	198.0	213.3
Delta Grow	DG 2888	235.6	186.9	231.9	183.3	168.1	201.2
Delta Grow	DG 3660	241.9	172.2	241.5	203.0	198.9	211.5
Delta Grow	DG 3788	238.6	168.2	203.0	193.4	176.6	196.0
Delta Grow	DG 6160	221.4	164.7	228.0	202.1	193.6	201.9
Dyna-Gro	D52VC91	217.0	186.2	229.2	217.4	193.0	208.5
Dyna-Gro	D56VC46	207.3	170.2	204.7	198.3	209.4	198.0
Dyna-Gro	D53VC13	203.2	157.4	224.4	190.9	180.3	191.2
Dyna-Gro	D54VP81	212.3	179.6	246.8	209.0	200.0	209.5
Dyna-Gro	D55VP77	243.3	171.3	237.9	225.9	187.3	213.1
Dyna-Gro	D56VP10	209.2	183.7	229.6	207.0	202.5	206.4
Dyna-Gro	D57VP51	234.5	197.2	248.1	200.6	222.0	220.5
Dyna-Gro	D57VP75	242.5	187.3	252.9	226.6	212.0	224.2
Golden Acres	G 6611	219.7	180.5	249.6	220.4	200.4	214.1
Golden Acres	G 7601	226.2	176.8	242.1	214.5	215.4	215.0
Golden Acres	G5531	206.9	177.7	233.9	211.8	221.4	210.3
Golden Acres	GA 26V21	239.5	183.3	236.2	205.5	187.5	210.4
Golden Acres	GA 27V01	242.9	180.5	232.4	199.9	205.3	212.2
Great Heart Seed	HT 7240	232.3	178.5	236.1	229.7	214.2	218.2
Great Heart Seed	HT 7261	212.2	173.0	240.5	194.7	184.4	201.0
MSU	Hybrid 1 Girth xxxx	249.8	136.2	220.6	167.9	183.9	191.7
MSU	Hybrid 2 Son of Girth xxxx	225.0	160.1	200.0	155.5	169.1	181.9
Mycogen	2A787	232.4	185.5	224.3	195.6	175.5	202.7
Mycogen	2C786	215.4	193.0	237.4	198.4	202.4	209.3
Mycogen	2J794	196.6	190.4	210.9	192.9	195.4	197.2
Mycogen	2P886	228.8	164.4	222.2	186.2	182.7	196.8
Mycogen	2V707	221.5	204.8	249.9	202.2	202.6	216.2
Mycogen	2V714	222.5	185.9	249.0	217.4	202.2	215.4
Mycogen	2Y765	222.3	200.8	212.6	170.2	179.5	197.1
Mycogen	2Y811	216.3	190.4	234.5	195.5	190.5	205.4
Mycogen	2Y816	206.8	183.3	234.2	218.7	181.3	204.9
Pioneer	P1319HR	242.3	183.4	257.4	215.2	199.2	219.5
Pioneer	P1636 YHR	253.6	182.1	247.8	213.9	197.7	219.0
REV®	REV® 17HR73™	204.6	169.9	220.3	191.0	187.6	194.7
REV®	REV® 22BHR43™	254.5	174.2	242.8	199.7	214.9	217.2
REV®	REV® 24BHR93™	254.3	200.4	247.2	223.3	195.7	224.2
REV®	REV® 27HR83™	241.5	169.0	251.0	206.8	207.9	215.2
REV®	REV® 28HR20™	238.6	172.2	250.8	211.7	203.6	215.4
REV®	REV® 28R10™	274.8	194.2	263.5	222.3	231.2	237.2
REV®	REV® 18BHR84™	239.6	180.6	227.7	214.2	202.3	212.9
REV®	REV® 22BHR21™	239.9	170.1	222.3	195.9	179.2	201.5
REV®	REV® 22BHR54™	219.7	168.6	208.3	183.5	190.0	194.0
REV®	REV® 25BHR44™	253.5	164.9	268.0	207.1	198.2	218.3
REV®	REV® 26BHR50™	226.1	163.9	255.4	201.8	194.9	208.4
Steyer	11407 VT3PRO RIBC	227.8	181.0	229.6	216.7	200.1	211.0
Steyer	X21151CM	228.5	176.1	231.8	204.8	195.5	207.4
Steyer	X31161TM	243.7	177.9	256.5	193.3	191.7	212.6
Syngenta NK	N74R-3000GT	246.5	178.1	222.7	207.1	194.3	209.7
Syngenta NK	N785 3111	235.7	193.1	251.1	211.5	205.5	219.4
Syngenta NK	N79T 3111	221.1	156.0	225.0	213.9	194.3	202.1
T.A. Seeds	TA744-22DP	225.6	177.1	243.0	220.0	207.3	214.6
T.A. Seeds	TA753-22DP	230.3	185.3	230.5	214.5	201.9	212.5
T.A. Seeds	TA780-22DP	231.9	195.4	233.1	210.0	196.8	213.4
T.A. Seeds	X18691DP	211.9	169.4	234.6	217.3	197.6	206.1
Mean		229.0	176.4	234.8	206.7	197.6	208.9
LSD .1		20.8	17.7	19.6	17.5	18.0	
Error df		297.0	297.0	297.0	297.0	297.0	
CV		7.8	8.6	7.1	7.2	7.8	
R square		50.8	51.4	55.6	51.0	51.0	

Table 6. Two-year corn hybrid yield summary for irrigated locations.

Brand	Hybrid number	Minter City	Rolling Fork	Stoneville	Stoneville (clay)	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A6533VT2 RIB	210.3	206.3	229.6	177.2	205.8
AgriGold	A6573VT3PRIB	205.0	200.7	227.7	185.9	204.8
AgriGold	A6659VT3PRO	218.1	208.8	238.8	200.0	216.4
AgriGold	A6679VT2RIB	212.0	209.5	225.9	169.7	204.3
Armor	1262 PRO2	218.1	185.9	217.5	169.8	197.8
B-H Genetics	BH 8700VTTP	210.9	189.6	226.9	183.8	202.8
B-H Genetics	BH 8845VTTP	212.1	186.1	223.1	186.2	201.9
Croplan Genetics	6640VT3P	227.5	213.9	238.3	199.2	219.7
Croplan Genetics	8621 VT3P	215.8	207.8	230.7	184.4	209.7
Croplan Genetics	CPL 6926VT3/P	221.5	195.8	214.4	183.1	203.7
Croplan Genetics	CPL 8410VT3/P	212.4	201.9	240.0	191.4	211.4
DEKALB	DKC 61-88	213.7	201.1	219.6	183.4	204.5
DEKALB	DKC64-69	215.0	190.9	221.6	165.6	198.3
DEKALB	DKC67-58 GENVT2P	210.3	197.0	220.8	188.3	204.1
DEKALB	DKC69-29 GENVT3P	210.9	196.7	235.0	192.4	208.7
Delta Grow	DG 2888	210.1	192.2	231.1	176.2	202.4
Delta Grow	DG 3660	216.3	201.9	226.2	189.6	208.5
Delta Grow	DG 3788	197.4	177.1	229.1	165.4	192.2
Dyna-Gro	D52VC91	215.0	195.8	224.6	181.7	204.3
Dyna-Gro	D54VP81	218.6	200.9	223.3	185.4	207.0
Dyna-Gro	D55VP77	214.4	200.1	235.8	182.5	208.2
Dyna-Gro	D56VP10	210.1	191.9	209.5	186.2	199.4
Dyna-Gro	D57VP51	210.5	221.7	237.3	196.7	216.6
Golden Acres	G5531	213.3	216.2	226.1	184.8	210.1
Golden Acres	GA 27V01	205.1	188.0	238.8	179.6	202.9
NK	N78S 3111	206.9	209.2	234.2	193.0	210.8
REV®	REV® 22BHR43™	206.1	212.6	231.4	181.6	207.9
REV®	REV®24BHR93™	220.6	194.7	237.6	197.2	212.5
REV®	REV® 27HR83™	214.9	202.7	229.2	172.2	204.7
REV®	REV®28HR20™	222.4	224.6	233.6	177.3	214.5
REV®	REV® 28R10™	224.9	221.4	244.4	198.2	222.2
Overall Mean		213.6	201.4	229.1	184.1	207.0

Table 7. Three-year corn hybrid summary for irrigated locations.

Brand	Hybrid number	Minter City	Stoneville	Stoneville (clay)	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*
AgriGold	A6573VT3PRIB	193.8	225.4	192.6	204.0
AgriGold	A6679VT2RIB	204.4	218.3	184.9	202.5
Armor	1262 PRO2	203.2	217.4	180.0	200.2
Croplan Genetics	CPL 6926VT3/P	204.9	216.0	190.7	203.9
Croplan Genetics	CPL 8410VT3/P	199.5	235.6	197.3	210.8
DEKALB	DKC 61-88	201.8	219.0	185.3	202.0
DEKALB	DKC64-69	195.1	223.6	178.1	198.9
DEKALB	DKC67-58 GENVT2P	199.3	220.4	184.6	201.4
DEKALB	DKC69-29 GENVT3P	202.9	228.4	201.1	210.8
Delta Grow	DG 2888	188.6	224.0	177.5	196.7
Delta Grow	DG 3788	180.0	219.1	171.2	190.1
Golden Acres	GA 27V01	200.9	229.0	185.8	205.3
NK	N78S 3111	193.7	228.6	193.4	205.2
REV®	REV® 28HR20™	207.1	227.0	196.8	210.3
REV®	REV® 28R10™	208.8	234.1	205.4	216.1
Overall Mean		198.9	224.4	188.3	203.9

Clifton Farms, Hernando

Crop Summary

Corn plots were planted no-till into soil moisture ideal for germination. The plots quickly emerged to a stand. Favorable temperatures and timely rainfall throughout the growing season allowed for good yields. Harvest was completed without weather delays.

Soil type	**Memphis/Falaya Silt Loam**
Soil pH	**5.8**
Soil fertility	**P=M, K=M**
Fertilizer added	**Preplant — 10-25-60**
	Sidedress — N @ 167 lb/A (32% UAN)
Herbicide application	**Preplant burndown — Atrazine @ 1 lb/A (90DF) plus 2,4-D @ 1 qt/A and 30 oz/A Touchdown Total**
	Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on April 16
Previous crop	**Wheat/Soybean double crop**
Planting date	**April 16**
Harvest date	**September 12**

Rainfall Summary

	Inches
April	**5.03**
May	**17.25**
June	**2.05**
July	**4.22**
August	**1.45**
September	**2.69**
Total	**32.69**

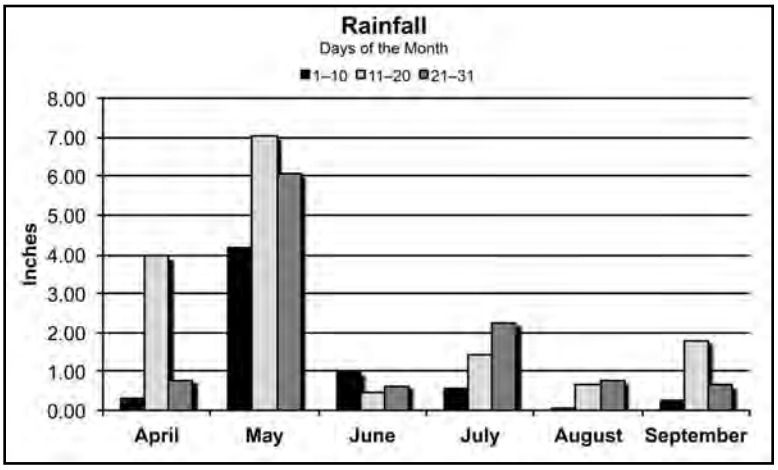

Table 8. Results from 88 corn hybrids grown without irrigation on a Collins silt loam near Hernando, DeSoto County, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
Steyer	X31161TM	225.3	—	—	38	0	19.0	30
REV®	REV® 24BHR93™	219.0	146.3	—	41	0	15.8	31
Golden Acres	G 6641	211.8	—	—	43	0	16.3	28
DEKALB	DKC67-57 GENVT3P	209.9	147.5	145.3	42	6	16.0	29
Dyna-Gro	D57VP75	209.5	—	—	35	0	18.1	30
AgriGold	A6659VT3PRO	209.4	142.0	—	48	0	16.5	30
Dyna-Gro	D56VP10	207.3	148.3	146.5	37	0	16.6	28
AgriGold	A6687VT2PRO	207.2	—	—	48	0	16.7	30
Delta Grow	DG 6160	205.7	—	—	36	0	16.8	29
REV®	REV® 25BHR44™	204.9	—	—	44	0	17.0	30
Mycogen	2V707	204.4	—	—	44	0	15.7	29
DEKALB	DKC62-08 GENSS	204.4	—	—	37	0	16.6	28
DEKALB	DKC66-87 GENVT2P	204.4	—	—	32	0	16.4	30
Armor	1550 PRO2	204.2	153.8	—	34	0	17.0	30
DEKALB	DKC66-40 GENSS	204.1	—	—	43	6	16.1	29
DEKALB	DKC65-19 GENVT3P	203.0	—	—	64	8	15.9	31
Pioneer	P1636 YHR	202.9	145.0	—	30	0	15.9	29
Dyna-Gro	D53VC13	202.8	—	—	35	0	16.5	30
AgriGold	A6559VT2RIB	202.1	—	—	39	0	15.7	29
Mycogen	2C786	202.0	—	—	34	0	16.6	28
Delta Grow	DG 3660	201.9	147.5	—	40	0	19.1	29
Mycogen	2Y765	200.4	—	—	40	2	18.3	29
Dyna-Gro	D54VP81	199.8	141.8	—	42	0	16.2	28
DEKALB	DKC69-29 GENVT3P	199.7	146.4	148.2	44	0	16.6	29
DEKALB	DKC66-97 GENVT2P	199.6	147.1	—	36	0	16.2	30
Steyer	X21151CM	199.6	—	—	40	0	15.2	28

Table 8 (continued). Results from 88 corn hybrids grown without irrigation on a Collins silt loam near Hernando, DeSoto County, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
AgriGold	A6499VT3PRO	199.6	—	—	41	0	15.6	29
Golden Acres	G 5531	199.4	143.4	—	35	0	16.8	30
AgriGold	A6573VT3PRIB	199.1	141.3	139.6	37	0	16.5	31
Golden Acres	G 7601	198.5	—	—	38	0	16.7	31
Golden Acres	GA 27V01	197.3	134.6	129.8	35	0	17.4	30
Croplan Genetics	8621 VT2P	197.2	149.4	—	48	1	16.3	30
REV®	REV® 28HR20™	196.6	152.4	150.0	51	0	16.7	32
Dyna-Gro	D55VP77	196.2	140.0	—	48	0	16.4	30
Mycogen	2P886	195.8	—	—	38	0	25.7	29
Delta Grow	DG 2788	195.7	—	—	36	3	16.7	30
Croplan Genetics	7087 VT3P	195.6	—	—	42	4	16.7	29
B-H Genetics	BH 8700VTTP	195.2	—	—	32	3	15.9	29
Delta Grow	CX00324	195.2	—	—	38	0	17.0	28
Dyna-Gro	D57VP51	193.8	136.9	—	43	0	16.3	29
Mycogen	2V714	193.7	—	—	44	0	14.9	29
REV®	REV® 22BHR21™	193.7	—	—	39	0	15.5	28
B-H Genetics	BH 8928VTTP	193.4	—	—	40	0	16.1	28
B-H Genetics	BH 8550VT2P	193.2	—	—	39	3	15.3	28
AgriGold	A 6517VT3PRIB	192.9	136.2	—	43	0	16.5	29
REV®	REV® 26BHR50™	192.5	141.0	131.8	40	0	23.0	29
Croplan Genetics	6640VT3P	192.4	144.3	—	44	0	16.9	30
Mycogen	2Y816	192.3	—	—	39	0	21.2	29
Mycogen	2Y811	192.2	—	—	37	0	18.4	28
REV®	REV® 22BHR54™	191.8	—	—	40	1	15.7	29
DEKALB	DKC61-78 GENVT3P	190.1	—	—	50	0	15.9	31
DEKALB	DKC 61-88	190.1	134.7	141.4	47	0	15.8	29
Croplan Genetics	CPL 8410VT3/P	189.8	140.9	144.9	50	0	18.0	31
T.A. Seeds	X18691DP	189.6	—	—	41	1	15.4	28
Armor	Armor 1262 PRO2	189.3	143.5	141.3	31	0	16.6	29
Pioneer	P1319HR	189.0	—	—	32	0	16.1	30
Steyer	11407 VT3PRO RIBC	188.7	—	—	44	0	16.7	30
AgriGold	A 6489VT2PRIB	188.1	149.6	150.3	44	0	15.7	29
Dyna-Gro	D56VC46	187.8	—	—	39	0	16.4	28
Croplan Genetics	CPL 6926VT3/P	185.6	144.9	138.1	32	0	15.8	30
Mycogen	2J794	185.1	—	—	38	0	18.6	29
REV®	REV® 27HR83™	184.2	143.7	—	37	0	15.9	28
REV®	REV® 28R10™	182.5	135.9	132.9	36	0	16.1	27
Dyna-Gro	D52VC91	181.5	133.0	—	39	0	16.4	29
REV®	REV® 22BHR43™	181.4	145.2	—	37	0	15.8	28
Armor	1880 PRO2	181.1	135.2	—	44	0	16.1	27
Armor	1555SS	180.3	—	—	41	0	16.1	26
DEKALB	DKC64-69	180.1	132.7	131.6	43	0	16.6	27
Golden Acres	GA 26V21	179.7	130.3	129.0	40	0	17.7	29
NK	N79T 3111	179.3	—	—	43	0	16.3	27
REV®	REV® 18BHR84™	178.2	—	—	38	0	15.1	29
Delta Grow	DG 2888	178.1	126.4	121.6	49	0	18.4	30
Delta Grow	DG 3788	176.3	127.3	125.5	46	0	18.2	31
T.A. Seeds	TA744-22DP	176.1	—	—	37	2	15.9	30
Armor	1133 PRO2	175.1	134.1	—	37	0	15.0	28
NK	N78S 3111	173.7	123.5	—	42	0	17.8	29
REV®	REV® 17HR73™	173.3	—	—	38	0	15.1	28
T.A. Seeds	TA780-22DP	171.7	—	—	39	0	17.1	28
Mycogen	2A787	170.8	—	—	40	0	16.4	27
Delta Grow	DG 1660	169.2	—	—	39	0	15.2	28
NK	N74R-3000GT	167.1	—	—	42	0	16.1	29
B-H Genetics	BH 8844VTTP	165.8	—	—	37	0	16.1	29
AgriGold	A6501VT3PRO	162.0	—	—	35	0	16.6	27
MSU	Hybrid 1 Girth xxxx	160.3	—	—	39	0	23.4	28
B-H Genetics	BH 8845VTTP	159.2	—	—	34	5	16.2	27
T.A. Seeds	TA753-22DP	155.3	—	—	33	4	16.2	27
AgriGold	A6533VT2 RIB	149.0	123.0	—	43	0	15.3	27
MSU	Hybrid 2 Son of Girth xxxx	144.9	—	—	38	0	16.5	25
Mean		190.2						
LSD .1		17.1						
Error df		261						
CV		7.7						
R-square		60.9						

MAFES Black Belt Branch, Brooksville

Crop Summary

Corn plots were planted in March when conditions were favorable for planting. After planting, rainfall and lower-than-average temperatures delayed emergence. These conditions resulted in slightly reduced plant populations upon emergence of all plots. The weather throughout the remainder of the growing season was good. Plots were harvested in a timely manner.

Soil type	Brooksville Silty Clay
Soil pH	5.4
Soil fertility	P=H, K=M
Fertilizer added	Sidedress — N @ 200 lb/A (32% UAN) on June 12
Herbicide application	Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 19 Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop	Corn
Planting date	March 19
Harvest date	August 29

Rainfall Summary

	Inches
March	3.24
April	6.89
May	0.20
June	3.43
July	3.49
August	0.53
Total	17.78

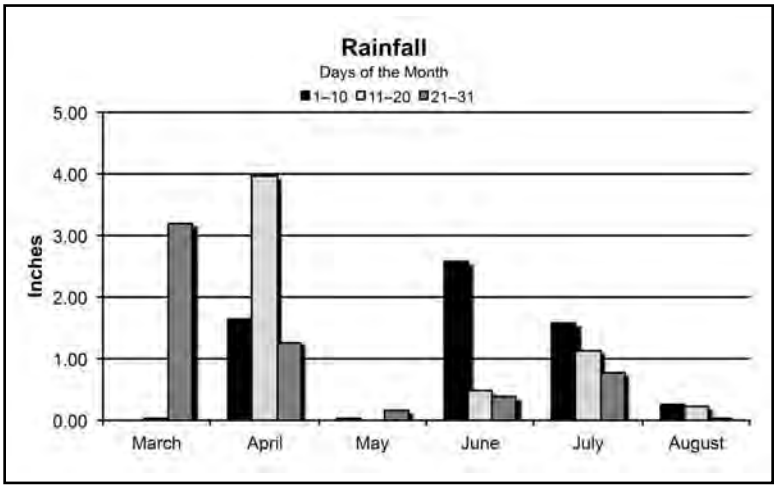

Table 9. Results from 88 corn hybrids grown without irrigation on a Brooksville silty clay soil at the MAFES Black Belt Branch, Brooksville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Mycogen	2V714	149.7	—	—	34	19.9	30
DEKALB	DKC66-97 GENVT2P	146.6	115.7	—	35	20.3	27
REV®	REV® 28R10™	146.6	108.2	89.9	32	19.1	27
DEKALB	DKC 61-88	145.4	123.5	101.9	33	23.3	30
Pioneer	P1319HR	145.1	—	—	36	18.0	30
DEKALB	DKC66-40 GENSS	145.0	—	—	25	27.9	28
Croplan Genetics	6640VT3P	143.2	122.2	—	32	20.8	29
Dyna-Gro	D56VP10	142.7	119.2	98.1	30	16.3	31
REV®	REV® 28HR20™	142.3	110.2	91.5	31	17.7	30
Mycogen	2V707	140.8	—	—	41	22.2	30
DEKALB	DKC67-57 GENVT3P	140.5	106.7	86.1	29	16.5	31
REV®	REV® 22BHR43™	140.1	105.5	—	38	20.9	30
B-H Genetics	BH 8550VT2P	139.2	—	—	30	20.4	26
Golden Acres	G 6641	137.8	—	—	30	19.2	30
Delta Grow	CX00324	137.8	—	—	32	17.8	32
Mycogen	2C786	137.7	—	—	33	28.9	30
B-H Genetics	BH 8928VTTP	137.4	—	—	35	16.3	31
Croplan Genetics	7087 VT3P	137.1	—	—	34	18.8	32
DEKALB	DKC66-87 GENVT2P	136.1	—	—	28	15.4	30
AgriGold	A6659VT3PRO	135.6	105.6	—	28	19.8	28
REV®	REV® 22BHR21™	134.8	—	—	39	18.2	29
T.A. Seeds	X18691DP	134.4	—	—	32	15.7	25
Dyna-Gro	D52VC91	134.3	110.3	—	24	17.8	31
REV®	REV® 24BHR93™	133.9	100.5	—	32	21.2	30
NK	N79T 3111	133.3	—	—	35	16.0	29
Dyna-Gro	D55VP77	132.9	115.4	—	28	18.7	30

Table 9 (continued). Results from 88 corn hybrids grown without irrigation on a Brooksville silty clay soil at the MAFES Black Belt Branch, Brooksville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Armor	1550 PRO2	132.6	107.8	—	25	16.4	31
Dyna-Gro	D57VP75	132.3	—	—	27	15.3	30
AgriGold	A6559VT2RIB	131.6	—	—	25	16.7	29
REV®	REV® 25BHR44™	131.5	—	—	29	16	29
REV®	REV® 17HR73™	131.2	—	—	40	22	30
T.A. Seeds	TA744-22DP	130.4	—	—	31	19	26
REV®	REV® 26BHR50™	130.4	96.9	77.8	30	16.3	30
DEKALB	DKC62-08 GENSS	128.8	—	—	23	19.8	30
Croplan Genetics	CPL 6926VT3/P	128.6	123.8	96.7	30	16.1	32
B-H Genetics	BH 8700VTTP	128.3	—	—	31	16.7	27
Steyer	X31161TM	128.2	—	—	27	20.1	32
Delta Grow	DG 6160	127.6	—	—	33	21	27
Armor	1555SS	127.3	—	—	31	15.9	31
Steyer	11407 VT3PRO RIBC	127.1	—	—	30	16.4	33
Golden Acres	G 7601	127.0	—	—	32	18.5	31
Steyer	X21151CM	126.9	—	—	31	17.1	32
AgriGold	A6499VT3PRO	126.8	—	—	28	19.1	29
DEKALB	DKC61-78 GENVT3P	126.7	—	—	34	19.8	30
AgriGold	A6687VT2PRO	126.2	—	—	25	18.8	29
Armor	1133 PRO2	126.0	109.8	—	28	20	30
Croplan Genetics	8621 VT2P	125.8	111.7	—	35	21.8	27
DEKALB	DKC65-19 GENVT3P	125.7	—	—	27	25.3	27
REV®	REV® 18BHR84™	125.4	—	—	33	16.9	27
AgriGold	A6501VT3PRO	125.0	—	—	31	16.7	29
REV®	REV® 27HR83™	125.0	101.8	—	29	19.7	28
DEKALB	DKC69-29 GENVT3P	124.9	115.1	89.7	41	21.9	29
AgriGold	A 6489VT2PRIB	124.2	101.5	85.8	26	16.3	32
Delta Grow	DG 2788	123.8	—	—	41	20.1	25
Armor	1880 PRO2	122.7	99.7	—	29	24.4	31
Delta Grow	DG 3660	122.3	111.7	—	31	17.8	29
B-H Genetics	BH 8844VTTP	122.2	—	—	25	18.6	30
Golden Acres	GA 27V01	122.1	105.9	87.2	30	16.9	31
Mycogen	2J794	121.9	—	—	40	19.4	30
B-H Genetics	BH 8845VTTP	121.4	—	—	39	21.1	25
AgriGold	A6573VT3PRIB	121.0	93.5	77.6	38	20.6	31
AgriGold	A6533VT2 RIB	119.5	95.8	—	28	21.7	27
Dyna-Gro	D54VP81	118.9	109.3	—	26	18	30
T.A. Seeds	TA753-22DP	118.3	—	—	34	17.8	29
AgriGold	A 6517VT3PRIB	117.8	100.6	—	32	17.7	30
REV®	REV® 22BHR54™	117.5	—	—	25	17.9	26
T.A. Seeds	TA780-22DP	116.7	—	—	30	21.8	25
DEKALB	DKC64-69	116.5	104.9	98.7	25	19	30
Dyna-Gro	D53VC13	116.5	—	—	32	16.5	28
Golden Acres	G 5531	115.6	97.9	—	52	20.5	28
Golden Acres	GA 26V21	114.3	97.3	86.9	53	18	27
Dyna-Gro	D57VP51	112.9	98.6	—	37	19.7	29
Croplan Genetics	CPL 8410VT3/P	112.0	116.5	97.9	30	20.4	27
Delta Grow	DG 1660	111.1	—	—	31	17.5	30
Pioneer	P1636 YHR	110.0	93.7	—	37	16.4	28
NK	N74R-3000GT	109.0	—	—	28	16.4	28
Mycogen	2A787	108.5	—	—	26	17.8	32
NK	N78S 3111	107.7	102.5	—	32	19.8	28
Dyna-Gro	D56VC46	106.8	—	—	22	16.6	30
Armor	1262 PRO2	104.7	96.0	78.8	37	16.7	30
Mycogen	2Y811	103.7	—	—	28	23.2	30
Delta Grow	DG 3788	103.6	91.8	83.0	31	19.4	27
MSU	Hybrid 1 Girth xxxx	103.2	—	—	25	22	29
Mycogen	2Y765	99.5	—	—	29	20.9	27
Mycogen	2Y816	94.8	—	—	30	19.3	29
Delta Grow	DG 2888	93.0	75.7	71.4	32	18.7	31
MSU	Hybrid 2 Son of Girth xxxx	79.4	—	—	33	16	27
Mycogen	2P886	75.9	—	—	26	17.3	28
Mean		124.6					
LSD .1		15.6					
Error df		261					
CV		10.7					
R-square		62.6					

Chris Ausborn Farm, Aberdeen

Crop Summary

Corn plots were planted on May 15 due to frequent spring rainfall that did not allow for planting within the normal planting window. Timely rainfall at critical times during the growing season allowed for good yields. Harvest was completed without any delays.

Soil type	Houston clay
Soil pH	6.5
Soil fertility	P=M, K=M
Fertilizer added	Sidedress — N @ 200 lb/A (32% UAN)
Herbicide application	Preemergence — Lexar @ 3 qt/A and Roundup Powermax @ 24 oz/A on May 15
Previous crop	Corn
Planting date	May 15
Harvest date	September 17

Rainfall Summary

	Inches
May	1.60
June	4.05
July	3.40
August	1.60
September	0.00
Total	10.65

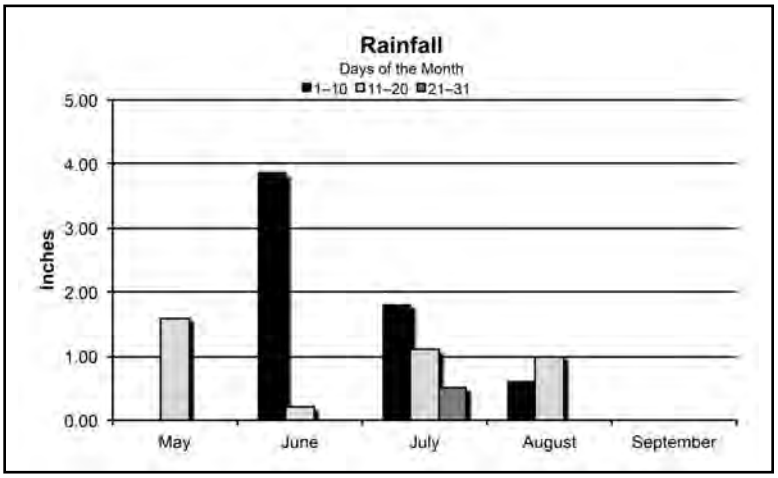

Table 10. Results from 88 corn hybrids grown without irrigation on a Houston clay soil near Aberdeen, Monroe County, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
Mycogen	2V714	177.5	—	—	29	1	16.1	29
AgriGold	A6687VT2PRO	175.5	—	—	42	0	16.1	32
Mycogen	2C786	174.5	—	—	38	1	18.0	32
REV®	REV® 22BHR21™	174.5	—	—	42	0	16.2	30
DEKALB	DKC67-57 GENVT3P	171.6	145.8	152.0	33	0	16.6	27
Croplan Genetics	6640VT3P	171.0	154.4	—	46	0	16.9	31
Delta Grow	DG 6160	170.0	—	—	32	0	15.5	29
Croplan Genetics	CPL 8410VT3/P	168.5	145.4	149.4	32	0	16.6	32
B-H Genetics	BH 8928VTTP	167.0	—	—	39	1	16.4	27
REV®	REV® 28HR20™	166.5	142.4	158.1	38	0	14.8	32
Mycogen	2V707	164.7	—	—	40	0	15.2	30
Armor	1880 PRO2	164.1	138.7	—	31	0	16.7	29
REV®	REV® 25BHR44™	163.1	—	—	40	0	17.2	32
Steyer	X31161TM	162.8	—	—	38	0	16.1	31
DEKALB	DKC66-97 GENVT2P	160.6	147.8	—	39	0	16.0	26
Golden Acres	G 7601	160.3	—	—	29	0	16.9	27
Croplan Genetics	8621 VT2P	159.8	140.2	—	35	0	15.6	27
AgriGold	A6659VT3PRO	158.8	130.5	—	36	1	17.4	25
Mycogen	2Y811	157.6	—	—	36	4	21.7	29
Pioneer	P1319HR	156.8	—	—	38	3	14.9	27
Dyna-Gro	D56VP10	156.7	152.1	155.4	41	0	16.7	25
Dyna-Gro	D57VP75	156.2	—	—	38	0	19.7	29
DEKALB	DKC62-08 GENSS	155.9	—	—	35	1	17.4	31
B-H Genetics	BH 8550VT2P	155.3	—	—	35	0	16.2	29
Croplan Genetics	CPL 6926VT3/P	154.9	154.3	158.7	46	0	15.6	26
T.A. Seeds	TA780-22DP	154.4	—	—	40	0	15.2	29
Delta Grow	CX00324	154.4	—	—	30	0	14.5	26
Steyer	X21151CM	154.2	—	—	42	0	17.0	29
Dyna-Gro	D56VC46	154.1	—	—	29	0	15.8	30
Mycogen	2P886	153.7	—	—	51	0	15.1	29
REV®	REV® 24BHR93™	153.2	132.3	—	39	0	17.4	29

Table 10 (continued). Results from 88 corn hybrids grown without irrigation on a Houston clay soil near Aberdeen, Monroe County, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
DEKALB	DKC66-87 GENVT2P	153.0	—	—	29	0	16.4	27
Mycogen	2J794	152.7	—	—	60	0	24.9	24
REV®	REV® 18BHR84™	152.4	—	—	37	0	15.9	29
Golden Acres	G 6641	150.4	—	—	39	0	16.5	31
Dyna-Gro	D53VC13	149.5	—	—	34	0	16.6	27
B-H Genetics	BH 8700VTTP	149.1	—	—	32	0	16.5	27
Delta Grow	DG 3788	149.1	119.8	131.6	40	0	15.7	28
Delta Grow	DG 2788	148.6	—	—	32	0	16.0	29
REV®	REV® 28R10™	148.2	134.2	147.1	40	0	16.1	30
Dyna-Gro	D54VP81	147.6	131.7	—	35	0	16.7	29
Dyna-Gro	D55VP77	147.1	135.2	—	42	0	16.3	26
REV®	REV® 27HR83™	146.3	123.4	—	42	0	19.1	37
T.A. Seeds	X18691DP	145.6	—	—	31	0	15.6	28
Delta Grow	DG 3660	145.4	141.3	—	38	0	16.8	32
REV®	REV® 17HR73™	145.2	—	—	40	0	16.2	32
Golden Acres	GA 27V01	145.1	123.6	135.1	38	0	23.1	33
MSU	Hybrid 1 Girth xxxx	145.1	—	—	36	2	24.3	27
Steyer	11407 VT3PRO RIBC	144.6	—	—	38	0	17.3	32
AgriGold	A6499VT3PRO	143.7	—	—	35	2	15.9	24
MSU	Hybrid 2 Son of Girth xxxx	143.3	—	—	33	0	17.3	26
DEKALB	DKC66-40 GENSS	143.2	—	—	32	0	15.6	34
DEKALB	DKC 61-88	143.2	134.9	142.9	33	0	15.3	27
AgriGold	A6573VT3PRIB	141.2	131.2	143.4	30	3	16.2	27
NK	N78S 3111	141.2	125.5	—	36	0	15.5	29
AgriGold	A6559VT2RIB	141.0	—	—	36	0	17.3	29
DEKALB	DKC64-69	139.3	131.2	146.0	29	0	15.8	30
AgriGold	A6501VT3PRO	139.1	—	—	39	5	17.2	26
Croplan Genetics	7087 VT3P	139.0	—	—	37	0	17.8	28
Dyna-Gro	D52VC91	138.7	135.2	—	44	0	17.0	28
REV®	REV® 26BHR50™	138.4	142.8	151.1	27	0	15.3	29
NK	N74R-3000GT	138.3	—	—	37	0	17.3	29
Mycogen	2Y765	138.2	—	—	29	2	20.3	30
Dyna-Gro	D57VP51	137.5	121.9	—	43	0	16.2	26
B-H Genetics	BH 8844VTTP	137.3	—	—	40	0	15.7	27
AgriGold	A6533VT2 RIB	136.9	131.6	—	35	4	15.2	27
Pioneer	P1636 YHR	136.9	131.1	—	39	0	16.1	34
DEKALB	DKC65-19 GENVT3P	136.1	—	—	38	0	17.0	28
REV®	REV® 22BHR54™	135.7	—	—	36	0	19.5	31
Golden Acres	GA 26V21	135.7	118.0	131.9	32	2	18.6	29
DEKALB	DKC69-29 GENVT3P	135.3	133.0	144.6	31	0	16.2	27
T.A. Seeds	TA753-22DP	135.2	—	—	39	0	14.9	28
REV®	REV® 22BHR43™	134.8	129.6	—	31	0	19.8	35
NK	N79T 3111	134.2	—	—	35	0	15.6	30
Delta Grow	DG 2888	132.5	120.7	129.9	32	0	18.2	27
Armor	1555SS	132.2	—	—	40	0	16.1	31
Armor	1133 PRO2	132.0	126.6	—	42	0	14.9	27
Mycogen	2Y816	131.8	—	—	35	0	15.8	30
AgriGold	A 6517VT3PRIB	130.6	131.8	—	33	4	14.7	25
Delta Grow	DG 1660	129.8	—	—	40	0	15.8	27
Golden Acres	G 5531	129.2	126.5	—	42	7	20.1	35
Armor	Armor 1262 PRO2	128.0	131.1	144.1	36	0	15.3	30
DEKALB	DKC61-78 GENVT3P	127.5	—	—	39	0	15.9	27
Armor	1550 PRO2	125.0	120.1	—	33	0	16.6	26
AgriGold	A 6489VT2PRIB	121.7	127.1	141.6	46	1	15.7	24
B-H Genetics	BH 8845VTTP	118.1	—	—	47	0	16.0	26
Mycogen	2A787	117.6	—	—	30	0	16.0	29
T.A. Seeds	TA744-22DP	114.8	—	—	38	0	16.7	29
Mean		146.9						
LSD .1		21.5						
Error df		261						
CV		12.6						
R-square		48.1						

MAFES Brown Loam Branch, Raymond

Crop Summary

Corn plots were planted into a freshly prepared seedbed. Soil moisture was optimum at the time of planting. Plots experienced cool weather and above-average rainfall after planting. These cool and wet conditions delayed emergence and slightly reduced the desired plant populations. After emergence, the remainder of the growing season was normal. Harvest was made in a timely manner.

Soil type	Loring Silt Loam
Soil pH	5.2
Soil fertility	P=H, K=H
Fertilizer added	Topdress — N @ 185 lb/A (Ammonium Nitrate) on May 17
Herbicide application	Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 21 Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop	Soybeans
Planting date	March 21
Harvest date	August 27

Rainfall Summary

	Inches
March	0.97
April	7.89
May	10.94
June	3.51
July	3.56
August	2.22
Total	29.09

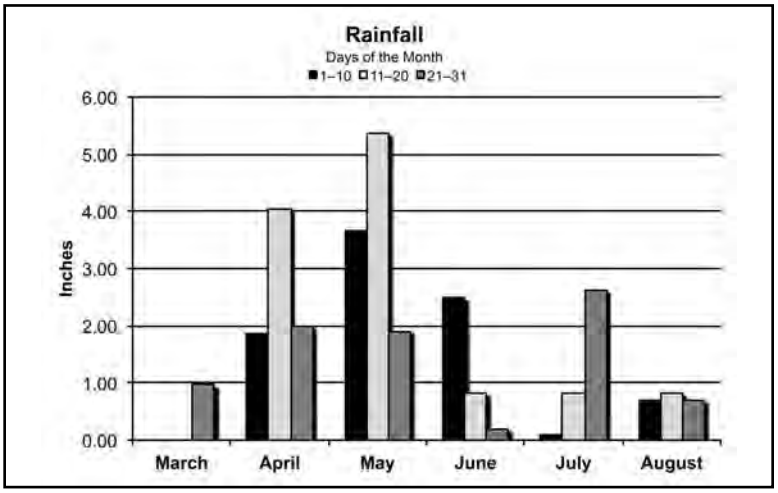

Table 11. Results from 88 corn hybrids grown without irrigation on a Loring silt loam soil at the MAFES Brown Loam Branch, Raymond, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
DEKALB	DKC66-97 GENVT2P	192.7	146.6	—	30	16.4	24
REV®	REV® 28R10™	176.4	127.6	98.3	32	19.4	31
Mycogen	2V714	169.7	—	—	28	15.7	32
AgriGold	A 6489VT2PRIB	166.1	134.3	115.2	30	16.2	30
DEKALB	DKC66-40 GENSS	163.9	—	—	28	17.2	32
DEKALB	DKC65-19 GENVT3P	162.4	—	—	32	16.4	31
Pioneer	P1319HR	161.8	—	—	27	16.3	28
AgriGold	A6559VT2RIB	161.7	—	—	36	15.9	30
Mycogen	2C786	161.7	—	—	39	16.0	31
Dyna-Gro	D56VP10	160.9	131.2	111.6	40	16.7	30
Delta Grow	DG 3788	158.8	115.3	96.5	32	15.6	27
DEKALB	DKC67-57 GENVT3P	158.0	127.2	115.6	30	16.4	31
Armor	1133 PRO2	157.3	124.5	—	25	15.8	31
DEKALB	DKC 61-88	156.1	122.0	108.3	31	15.3	30
REV®	REV® 28HR20™	155.7	122.3	98.0	38	18.0	30
Croplan Genetics	6640VT3P	155.6	129.5	—	26	16.1	30
Croplan Genetics	CPL 8410VT3/P	154.2	122.8	113.7	42	16.5	31
AgriGold	A6659VT3PRO	153.7	134.8	—	24	15.8	28
Croplan Genetics	7087 VT3P	153.7	—	—	41	16.2	30
REV®	REV® 27HR83™	153.2	118.1	—	39	17.1	30
Croplan Genetics	8621 VT2P	153.0	120.3	—	36	16.3	30
Golden Acres	GA 26V21	151.0	117.2	98.1	31	16.5	31
DEKALB	DKC62-08 GENSS	150.7	—	—	40	16.4	30
Delta Grow	DG 6160	150.6	—	—	42	16.6	30
B-H Genetics	BH 8928VTTP	150.5	—	—	29	18.1	30
Dyna-Gro	D57VP75	150.3	—	—	33	21.0	28
B-H Genetics	BH 8844VTTP	149.9	—	—	36	18.8	31

Table 11 (continued). Results from 88 corn hybrids grown without irrigation on a Loring silt loam soil at the MAFES Brown Loam Branch, Raymond, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV® 22BHR54™	149.1	—	—	32	20.8	30
DEKALB	DKC66-87 GENVT2P	148.6	—	—	38	16.4	30
AgriGold	A6533VT2 RIB	147.8	123.6	—	31	16.2	30
Delta Grow	DG 3660	145.9	109.9	—	30	21.8	30
Mycogen	2Y765	145.7	—	—	27	15.8	31
REV®	REV® 24BHR93™	145.5	110.8	—	25	18.4	30
Dyna-Gro	D55VP77	145.4	132.1	—	38	16.5	28
DEKALB	DKC69-29 GENVT3P	145.1	118.6	115.3	30	16.2	30
NK	N79T 3111	145.0	—	—	32	20.4	27
Golden Acres	G 6641	144.0	—	—	36	21.4	30
Dyna-Gro	D57VP51	143.5	114.4	—	32	17.0	30
Steyer	X21151CM	142.6	—	—	40	16.4	30
Mycogen	2V707	142.5	—	—	29	15.7	28
Delta Grow	DG 2888	142.5	108.9	91.8	31	15.8	32
Steyer	X31161TM	142.4	—	—	39	16.6	28
Delta Grow	CX00324	141.4	—	—	38	19.0	30
Delta Grow	DG 2788	141.2	—	—	29	16.2	31
Croplan Genetics	CPL 6926VT3/P	139.2	115.6	108.2	33	16.6	30
REV®	REV® 22BHR43™	138.6	119.1	—	27	19.1	30
AgriGold	A6573VT3PRIB	137.9	121.0	105.7	32	16.4	31
Steyer	11407 VT3PRO RIBC	137.7	—	—	34	16.4	30
Armor	1880 PRO2	137.2	112.4	—	24	16.6	30
Golden Acres	G 5531	137.2	119.8	—	38	16.9	31
AgriGold	A 6517VT3PRIB	137.0	117.0	—	25	16.6	27
AgriGold	A6687VT2PRO	136.3	—	—	25	16.1	29
Armor	1262 PRO2	136.1	116.7	97.8	43	15.8	30
Pioneer	P1636 YHR	134.5	118.9	—	30	19.1	31
Armor	1550 PRO2	134.2	119.5	—	30	16.1	30
T.A. Seeds	TA780-22DP	133.9	—	—	25	17.3	31
Dyna-Gro	D52VC91	133.2	115.3	—	42	15.9	31
Dyna-Gro	D53VC13	132.7	—	—	29	16.0	30
Mycogen	2Y816	132.0	—	—	23	19.7	30
Armor	1555SS	131.7	—	—	31	17.8	30
T.A. Seeds	X18691DP	130.8	—	—	27	15.8	27
REV®	REV® 17HR73™	130.8	—	—	37	18.3	30
Dyna-Gro	D56VC46	129.5	—	—	40	16.5	29
B-H Genetics	BH 8845VTTP	129.3	—	—	25	16.5	30
DEKALB	DKC64-69	129.3	119.9	109.9	25	16.1	30
Mycogen	2A787	128.7	—	—	43	17.8	30
Dyna-Gro	D54VP81	128.5	111.0	—	37	18.5	29
B-H Genetics	BH 8550VT2P	127.8	—	—	31	15.8	30
REV®	REV® 26BHR50™	127.8	111.3	92.6	27	16.8	27
REV®	REV® 18BHR84™	127.4	—	—	33	20.4	29
REV®	REV® 25BHR44™	126.6	—	—	25	15.6	28
Mycogen	2Y811	125.0	—	—	25	16.4	30
Golden Acres	GA 27V01	124.4	99.9	83.7	37	21.0	30
REV®	REV® 22BHR21™	122.3	—	—	38	16.3	29
NK	N74R-3000GT	120.9	—	—	22	16.5	28
T.A. Seeds	TA744-22DP	120.4	—	—	32	16.3	26
B-H Genetics	BH 8700VTTP	118.8	—	—	33	16.3	28
Golden Acres	G 7601	116.5	—	—	43	16.6	29
Delta Grow	DG 1660	116.1	—	—	30	15.1	28
DEKALB	DKC61-78 GENVT3P	116.0	—	—	32	16.2	28
NK	N78S 3111	115.4	100.0	—	26	18.3	29
AgriGold	A6501VT3PRO	110.6	—	—	19	16.6	28
MSU	Hybrid 1 Girth xxxx	108.6	—	—	43	30.9	27
AgriGold	A6499VT3PRO	108.4	—	—	41	15.9	26
Mycogen	2J794	97.1	—	—	32	15.9	30
T.A. Seeds	TA753-22DP	90.0	—	—	25	16.5	28
MSU	Hybrid 2 Son of Girth xxxx	81.2	—	—	40	20.4	28
Mycogen	2P886	77.1	—	—	29	23.1	25
Mean		138.7					
LSD .1		15.6					
Error df		261					
CV		9.7					
R-square		75.5					

Dorsey Unruh Farm, Macon

Crop Summary

Corn plots were planted into a stale seedbed with adequate moisture for germination. Several weeks of below-average temperatures and excessive rainfall were observed after planting. Seedling emergence was delayed by this weather, but an acceptable stand was established. Timely rainfall and irrigation allowed for good soil moisture throughout the season. Harvest was completed in a timely manner. Excellent yields were observed.

Soil type	Houston clay
Soil pH	7.0
Soil fertility	P=H, K=H
Fertilizer added	Preplant — Poultry Litter @ 3 tons/A (fall applied) Sidedress — N @ 200 lb/A (32% UAN)
Herbicide application	Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 19 Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop	Cotton
Planting date	March 19
Harvest date	September 3
Irrigation dates	Center pivot irrigation, as needed

Rainfall Summary

	Inches
March	3.65
April	8.25
May	3.00
June	5.06
July	5.85
August	3.24
September	0.00
Total	23.99

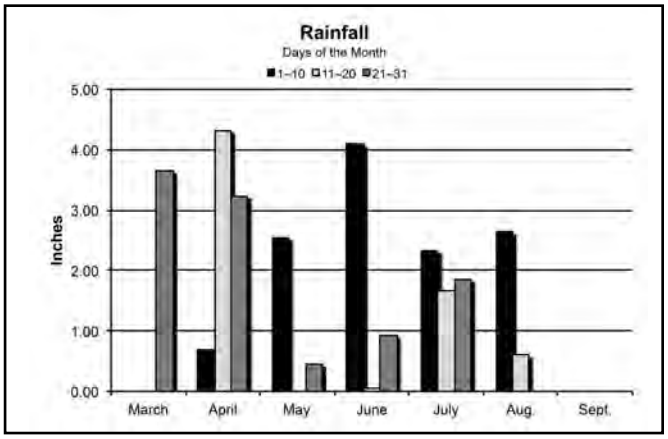

Table 12. Results from 88 corn hybrids grown with center-pivot irrigation on a Houston clay soil near Macon, Noxubee County, 2013.

Brand name	Hybrid number	2013 yield	2-year average[1]	3-year average[1]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV®25BHR44™	268.0	—	—	44	10.8	28
Croplan Genetics	7087 VT3P	265.6	—	—	49	18.8	34
REV®	REV®28R10™	263.5	—	—	50	19.2	29
DEKALB	DKC66-40 GENSS	261.5	—	—	52	16.6	32
Croplan Genetics	6640VT3P	261.3	—	—	41	16.8	31
Pioneer	P1319HR	257.4	—	—	44	19.3	31
Steyer	X31161TM	256.5	—	—	44	18.8	33
REV®	REV®26BHR50™	255.4	—	—	40	21.4	28
AgriGold	A6679VT2RIB	255.0	—	—	38	10.9	31
Croplan Genetics	CPL 6926VT3/P	253.5	—	—	33	16.3	33
Augusta	7768 GT	253.2	—	—	43	21.9	31
Dyna-Gro	D57VP75	252.9	—	—	45	18.1	31
Augusta	7767 VT2PRO	252.4	—	—	40	10.8	30
B-H Genetics	BH 8928VTTP	252.4	—	—	43	17.7	32
NK	N78S 3111	251.1	—	—	42	10.8	31
REV®	REV®27HR83™	251.0	—	—	53	20.1	27
REV®	REV®28HR20™	250.8	—	—	43	18.4	28
B-H Genetics	BH 8735VTTP	250.5	—	—	41	16.9	31
DEKALB	DKC66-87 GENVT2P	250.1	—	—	42	20.6	31
Mycogen	2V707	249.9	—	—	43	16.7	33
Armor	1880 PRO2	249.9	—	—	40	16.4	29
Golden Acres	G 6611	249.6	—	—	40	18.1	32
Mycogen	2V714	249.0	—	—	40	16.1	32
Dyna-Gro	D57VP51	248.1	—	—	29	18.7	30
Pioneer	P1636 YHR	247.8	—	—	48	18.3	31
REV®	REV®24BHR93™	247.2	—	—	44	16.5	29
Dyna-Gro	D54VP81	246.8	—	—	28	21.1	30
AgriGold	A6659VT3PRO	246.8	—	—	42	18.3	29
DEKALB	DKC64-69	246.5	—	—	43	17.3	30
DEKALB	DKC65-19 GENVT3P	246.4	—	—	32	18.5	30

[1]No 2- or 3-year averages

Table 12 (continued). Results from 88 corn hybrids grown with center-pivot irrigation on a Houston clay soil near Macon, Noxubee County, 2013.

Brand name	Hybrid number	2013 yield	2-year average[1]	3-year average[1]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
AgriGold	A6687VT2PRO	245.3	—	—	43	16.9	29
T.A. Seeds	TA744-22DP	243.0	—	—	38	16.5	32
DEKALB	DKC69-29 GENVT3P	242.9	—	—	39	17.7	32
REV®	REV®22BHR43™	242.8	—	—	41	16.7	29
Golden Acres	G 7601	242.1	—	—	41	18.0	28
AgriGold	A6499VT3PRO	241.7	—	—	43	16.5	31
Delta Grow	DG 3660	241.5	—	—	38	21.0	30
B-H Genetics	BH 8900GT3	241.4	—	—	40	17.6	29
Great Heart Seed	HT 7261	240.5	—	—	37	17.8	28
DEKALB	DKC66-97 GENVT2P	239.1	—	—	33	16.5	33
Croplan Genetics	CPL 8410VT3/P	238.3	—	—	42	18.2	33
Dyna-Gro	D55VP77	237.9	—	—	34	19.1	30
DEKALB	DKC67-58 GENVT2P	237.6	—	—	37	18.9	32
Mycogen	2C786	237.4	—	—	43	17.1	32
AgriGold	A6501VT3PRO	236.4	—	—	27	20.1	31
B-H Genetics	BH 8660VTTP	236.4	—	—	39	18.4	31
Golden Acres	GA 26V21	236.2	—	—	45	19.4	31
Great Heart Seed	HT 7240	236.1	—	—	40	15.9	31
DEKALB	DKC62-08 GENSS	235.4	—	—	48	17.9	30
T.A. Seeds	X18691DP	234.6	—	—	40	16.0	32
Mycogen	2Y811	234.5	—	—	50	19.7	32
Mycogen	2Y816	234.2	—	—	51	19.6	32
Golden Acres	G5531	233.9	—	—	37	19.6	30
Croplan Genetics	8621 VT2P	233.8	—	—	44	16.5	33
T.A. Seeds	TA780-22DP	233.1	—	—	32	17.6	33
GOLDEN ACRES	GA 27V01	232.4	—	—	41	17.0	30
DEKALB	DKC61-78 GENVT3P	232.2	—	—	38	16.6	31
Delta Grow	DG 2888	231.9	—	—	39	19.8	31
Steyer	X21151CM	231.8	—	—	36	16.3	30
B-H Genetics	BH 8700VTTP	231.7	—	—	40	17.6	30
B-H Genetics	BH 8830VTTP	231.5	—	—	41	17.2	30
Armor	1550 PRO2	231.3	—	—	31	17.7	30
Delta Grow	DG 2788	231.0	—	—	49	19.8	32
Armor	1555SS	230.9	—	—	37	19.3	28
Augusta	6866GT3000	230.8	—	—	42	19.5	30
T.A. Seeds	TA753-22DP	230.5	—	—	41	18.7	31
Steyer	11407 VT3PRO RIBC	229.6	—	—	39	16.9	32
Dyna-Gro	D56VP10	229.6	—	—	38	16.7	31
Augusta	5565 VT3PRO	229.3	—	—	41	19.6	31
Dyna-Gro	D52VC91	229.2	—	—	41	17.0	30
AgriGold	A6559VT2RIB	228.4	—	—	38	16.2	29
Delta Grow	DG 6160	228.0	—	—	38	16.8	30
REV®	REV®18BHR84™	227.7	—	—	38	16.1	28
Augusta	5465 GTCBLLC	226.9	—	—	43	18.5	30
Augusta	5262 GT3000P	225.9	—	—	37	19.3	30
NK	N79T 3111	225.0	—	—	38	18.0	30
DEKALB	DKC 61-88	224.7	—	—	43	16.5	32
Dyna-Gro	D53VC13	224.4	—	—	42	16.7	28
Mycogen	2A787	224.3	—	—	40	18.4	33
NK	N74R-3000GT	222.7	—	—	38	18.3	32
REV®	REV®22BHR21™	222.3	—	—	41	16.7	27
Mycogen	2P886	222.2	—	—	43	25.6	32
AgriGold	A6573VT3PRIB	221.6	—	—	42	17.3	31
MSU	Hybrid 1 Girth xxxx	220.6	—	—	63	26.7	30
Armor	1133 PRO2	220.4	—	—	38	16.3	29
REV®	REV®17HR73™	220.3	—	—	42	10.8	29
Delta Grow	CX00324	216.7	—	—	42	10.9	30
Mycogen	2Y765	212.6	—	—	40	18.9	33
AgriGold	A 6517VT3PRIB	211.5	—	—	38	16.5	28
AgriGold	A6533VT2 RIB	211.4	—	—	32	16.8	30
Mycogen	2J794	210.9	—	—	46	20.5	31
REV®	REV®22BHR54™	208.3	—	—	40	18.8	28
Armor	1262 PRO2	208.2	—	—	42	16.4	30
B-H Genetics	BH 8845VTTP	205.2	—	—	38	18.4	31
Dyna-Gro	D56VC46	204.7	—	—	39	17.6	31
Delta Grow	DG 3788	203.0	—	—	40	22.3	29
Delta Grow	DG 1660	202.9	—	—	42	15.9	30
Augusta	6665 VT3PRO	201.8	—	—	36	16.2	28
MSU	Hybrid 2 Son of Girth xxxx	200.0	—	—	55	21.0	31
Mean		234.8					
LSD .1		19.6					
Error df		297					
CV		7.1					
R-square		55.6					

[1]No 2- or 3-year averages

MAFES Delta Branch, Stoneville (Sharkey Clay)

Crop Summary

Corn plots were planted in mid-March into a stale seedbed. The conditions and soil moisture at planting were optimum for germination. Heavy rainfall and lower-than-normal temperatures delayed emergence in the next 2–3 weeks after planting. A slight reduction in the desired plant population was observed due to the weather conditions. Timely irrigations and rainfall throughout the remainder of the growing season resulted in good yields. Harvest was completed without any delay.

Soil type ..... **Sharkey Clay**
Soil pH **7.1**
Soil fertility ..... **P=H, K=H**
Fertilizer added ..... **Sidedress — N @ 150 lb/A (32% UAN) on April 18 and N @ 100 lb/A (32% UAN) on May 8**
Herbicide application ..... **Preemergence — Lexar @ 3 qt/A and Gramoxone @ 1 qt/A on March 15**
Previous crop ..... **Corn**
Planting date ..... **March 15**
Harvest date ..... **September 9**
Irrigation ..... **June 20, June 29, July 16, August 1, August 20**

Rainfall Summary

	Inches
March	3.03
April	6.59
May	5.70
June	3.65
July	1.91
August	1.81
September	1.37
Total	22.25

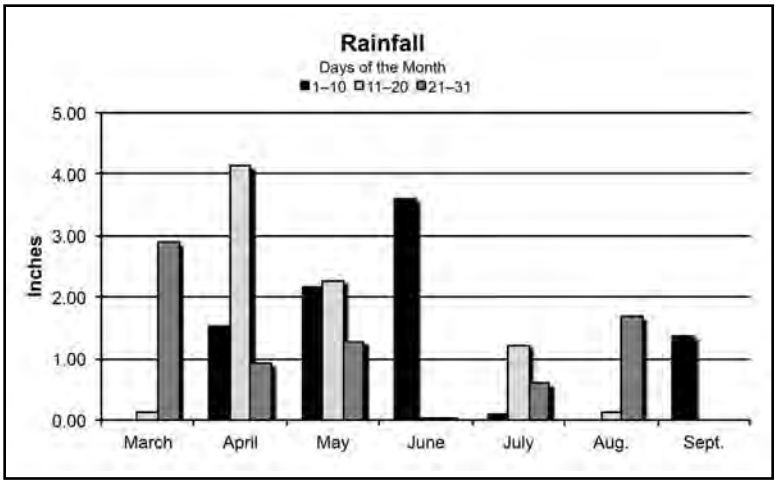

Table 13. Results from 99 corn hybrids grown with furrow irrigation on a Sharkey clay soil at MAFES Delta Branch, Stoneville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Mycogen	2V707	204.8	—	—	32	15.2	35
Mycogen	2Y765	200.8	—	—	31	14.9	32
REV®	REV® 24BHR93™	200.4	197.2	—	30	15.2	34
Dyna-Gro	D57VP51	197.2	196.7	—	32	15.3	27
T.A. Seeds	TA780-22DP	195.4	—	—	33	14.9	33
B-H Genetics	BH 8735VTTP	195.0	—	—	29	14.9	23
REV®	REV® 28R10™	194.2	198.2	205.4	28	15.7	32
Syngenta NK	N78S 3111	193.1	193.0	193.4	30	15.0	34
Mycogen	2C786	193.0	—	—	37	15.2	34
Augusta	7768 GT	192.8	—	—	27	15.3	34
AgriGold	A6687VT2PRO	192.2	—	—	27	15.4	29
DEKALB	DKC66-87 GENVT2P	191.5	—	—	26	15.3	34
Mycogen	2J794	190.4	—	—	32	15.5	34
Mycogen	2Y811	190.4	—	—	33	15.0	34
DEKALB	DKC66-97 GENVT2P	190.0	—	—	33	15.6	33
Croplan Genetics	6640VT3P	189.0	199.2	—	30	15.8	27
Croplan Genetics	CPL 8410VT3/P	188.0	191.4	197.3	28	15.4	25
DEKALB	DKC69-29 GENVT3P	187.6	192.4	201.1	30	15.3	31
AgriGold	A6659VT3PRO	187.5	200.0		26	15.4	30
Dyna-Gro	D57VP75	187.3	—	—	26	15.1	34
Delta Grow	DG 2888	186.9	176.2	177.5	24	16.0	32
B-H Genetics	BH 8928VTTP	186.7	—	—	28	15.8	31
Dyna-Gro	D52VC91	186.2	181.7	—	32	15.1	26
Mycogen	2V714	185.9	—	—	26	14.9	34
Mycogen	2A787	185.5	—	—	25	15.5	30
T.A. Seeds	TA753-22DP	185.3	—	—	24	15.4	30
Armor	1880 PRO2	184.8	—	—	31	15.0	33
Armor	1133 PRO2	184.1	—	—	30	15.1	31
Dyna-Gro	D56VP10	183.7	186.2	—	26	14.7	34

Table 13 (continued). Results from 99 corn hybrids grown with furrow irrigation on a Sharkey clay soil at MAFES Delta Branch, Stoneville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Pioneer	P1319HR	183.4	—	—	27	15.3	34
DEKALB	DKC66-40 GENSS	183.4	—	—	25	14.9	34
Golden Acres	GA 26V21	183.3	—	—	30	15.3	32
Mycogen	2Y816	183.3	—	—	44	15.5	34
Delta Grow	DG 2788	183.2	—	—	29	15.3	27
B-H Genetics	BH 8830VTTP	183.1	—	—	29	15.3	23
B-H Genetics	BH 8660VTTP	182.3	—	—	26	14.9	27
Armor	1550 PRO2	182.2	—	—	32	15.8	33
Pioneer	P1636 YHR	182.1	—	—	34	14.9	25
DEKALB	DKC67-58 GENVT2P	182.1	188.3	184.6	36	15.7	28
Augusta	5262 GT3000P	181.5	—	—	26	14.8	31
Steyer	11407 VT3PRO RIBC	181.0	—	—	32	15.1	32
REV®	REV® 18BHR84™	180.6	—	—	32	17.1	30
Golden Acres	GA 27V01	180.5	179.6	185.8	26	15.3	34
Golden Acres	G 6611	180.5	—	—	30	15.4	33
Dyna-Gro	D54VP81	179.6	185.4	—	29	14.9	26
Croplan Genetics	7087 VT3P	179.0	—	—	32	15.5	31
AgriGold	A6499VT3PRO	178.8	—	—	32	16.1	27
B-H Genetics	BH 8900GT3	178.7	—	—	26	15.2	22
Great Heart Seed	HT 7240	178.5	—	—	37	24.9	31
Syngenta NK	N74R-3000GT	178.1	—	—	25	15.0	30
Steyer	X31161TM	177.9	—	—	26	15.2	34
Golden Acres	G5531	177.7	184.8	—	28	15.1	26
DEKALB	DKC 61-88	177.7	183.4	185.3	28	15.7	34
T.A. Seeds	TA744-22DP	177.1	—	—	24	15.4	28
Golden Acres	G 7601	176.8	—	—	23	15.3	34
Steyer	X21151CM	176.1	—	—	31	15.3	34
AgriGold	A6559VT2RIB	175.8	—	—	41	15.4	29
Augusta	5565 VT3PRO	175.6	—	—	32	15.5	33
AgriGold	A6573VT3PRIB	174.3	185.9	192.6	30	14.9	31
REV®	REV® 22BHR43™	174.2	181.6	—	30	15.3	35
Croplan Genetics	8621 VT3P	173.5	184.4		34	14.9	26
Great Heart Seed	HT 7261	173.0	—	—	27	15.2	32
DEKALB	DKC61-78 GENVT3P	173.0	—	—	31	15.4	28
Delta Grow	DG 3660	172.2	189.6	—	31	15.2	24
REV®	REV® 28HR20™	172.2	177.3	196.8	26	15.6	31
AgriGold	A 6517VT3PRIB	171.9	—	—	27	15.6	34
Croplan Genetics	CPL 6926VT3/P	171.6	183.1	190.7	28	15.5	32
Dyna-Gro	D55VP77	171.3	182.5	—	26	15.2	30
Augusta	7767 VT2PRO	170.8	—	—	35	15.0	34
Augusta	5465 GTCBLLC	170.5	—	—	33	14.8	31
Dyna-Gro	D56VC46	170.2	—	—	31	16.0	30
REV®	REV® 22BHR21™	170.1	—	—	27	15.8	33
REV®	REV® 17HR73™	169.9	—	—	25	15.2	33
T.A. Seeds	X18691DP	169.4	—	—	26	15.1	34
Delta Grow	CX00324	169.2	—	—	36	15.6	33
REV®	REV® 27HR83™	169.0	172.2	—	29	15.0	31
B-H Genetics	BH 8700VTTP	168.7	—	—	28	15.0	29
DEKALB	DKC62-08 GENSS	168.7	—	—	27	15.4	34
REV®	REV® 22BHR54™	168.6	—	—	27	14.7	30
B-H Genetics	BH 8845VTTP	168.2	—	—	33	15.5	28
Delta Grow	DG 3788	168.2	165.4	171.2	33	15.7	32
Augusta	6866GT3000	167.8	—	—	31	15.2	35
REV®	REV® 25BHR44™	164.9	—	—	29	15.3	34
DEKALB	DKC65-19 GENVT3P	164.7	—	—	26	15.2	34
Delta Grow	DG 6160	164.7	—	—	31	16.0	29
Mycogen	2P886	164.4	—	—	31	17.6	31
REV®	REV® 26BHR50™	163.9	—	—	26	15.1	33
AgriGold	A6501VT3PRO	163.6	—	—	31	15.6	29
Armor	1262 PRO2	161.2	169.8	180.0	25	15.1	34
Armor	1555SS	160.6	—	—	29	15.3	33
MSU	Hybrid 2 Son of Girth xxxx	160.1	—	—	50	15.4	32
Dyna-Gro	D53VC13	157.4	—	—	26	15.2	27
AgriGold	A6533VT2 RIB	156.6	177.2	—	36	15.1	25
Syngenta NK	N79T 3111	156.0	—	—	34	15.3	34
Delta Grow	DG 1660	151.4	—	—	30	15.5	30
DEKALB	DKC64-69	150.2	165.6	178.1	27	15.6	32
AgriGold	A6679VT2RIB	148.1	169.7	184.9	30	14.8	26
Augusta	6665 VT3PRO	145.3	—	—	34	15.9	34
MSU	Hybrid 1 Girth xxxx	136.2	—	—	59	15.2	34
Mean		176.4					
LSD .1		17.7					
Error df		297					
CV		8.6					
R-square		51.4					

MAFES Delta Branch, Stoneville

Crop Summary

Corn plots were planted in mid-March into a stale seedbed. The conditions and soil moisture at planting were optimum for germination. Heavy rainfall and lower-than-normal temperatures delayed emergence in the next 2–3 weeks after planting. A slight reduction in the desired plant population was observed due to the weather conditions. Timely irrigations and rainfall throughout the remainder of the growing season resulted in good yields. Harvest was completed without any difficulty.

Soil type	**Dundee very fine sandy loam**
Soil pH	**6.4**
Soil fertility	**P=H, K=H**
Fertilizer added	**Preplant — 22-14-14 Blend @ 450 lb/A Sidedress — N @ 150 lb/A (UAN 32%) on April 17 and N @ 100 lb/A (32% UAN) on May 8**
Herbicide application	**Preemergence — Lexar @ 3 qt/A and Gramoxone @ 1 qt/A on March 15**
Previous crop	**Soybeans**
Planting date	**March 15**
Harvest date	**September 9**
Irrigation	**June 20, June 27, July 17, July 31, August 5, August 20**

Rainfall Summary

	Inches
March	**3.03**
April	**6.59**
May	**5.70**
June	**3.65**
July	**1.91**
August	**1.81**
September	**1.37**
Total	**22.25**

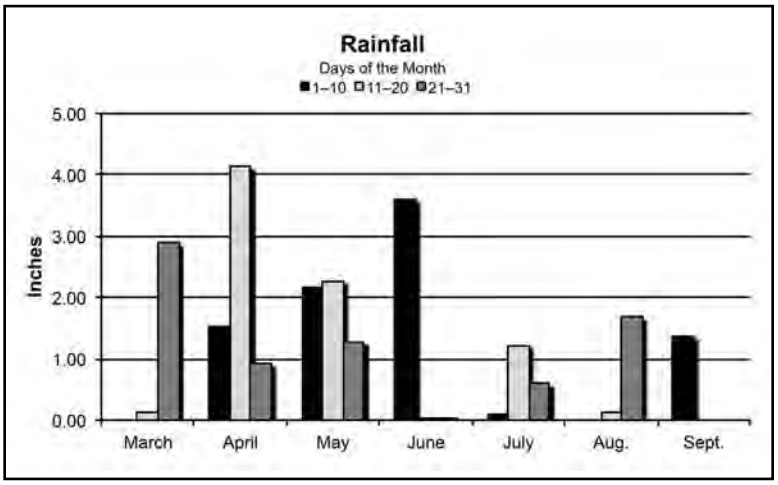

Table 14. Results from 99 corn hybrids grown with furrow irrigation on a Dundee very fine sandy loam soil at the MAFES Delta Branch Station, Stoneville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV® 28R10™	274.8	244.4	234.1	37	14.7	33
Croplan Genetics	6640VT3P	256.8	238.3	—	37	15.3	32
REV®	REV® 22BHR43™	254.5	231.4	—	42	15.4	31
REV®	REV® 24BHR93™	254.3	237.6	—	38	15.1	34
DEKALB	DKC69-29 GENVT3P	254.0	235.0	228.4	39	15.1	33
Augusta	7767 VT2PRO	253.7	—	—	41	16.0	31
Pioneer	P1636 YHR	253.6	—	—	44	15.1	34
REV®	REV® 25BHR44™	253.5	—	—	45	15.4	29
Augusta	6866 GT3000	250.8	—	—	37	15.2	33
MSU	Hybrid 1 Girth xxxx	249.8	—	—	63	15.9	30
Croplan Genetics	CPL 8410VT3/P	248.1	240.0	235.6	33	15.5	32
DEKALB	DKC66-97 GENVT2P	248.0	—	—	38	15.1	36
Syngenta NK	N74R-3000GT	246.5	—	—	38	15.3	36
AgriGold	A6687VT2PRO	245.0	—	—	39	15.4	31
Delta Grow	DG 2788	244.2	—	—	36	15.5	34
Steyer	X31161TM	243.7	—	—	47	15.0	35
Dyna-Gro	D55VP77	243.3	235.8	—	31	15.4	31
Golden Acres	GA 27V01	242.9	238.8	229.0	35	15.3	30
Dyna-Gro	D57VP75	242.5	—	—	41	15.0	30
Pioneer	P1319HR	242.3	—	—	43	15.2	33
Delta Grow	DG 3660	241.9	226.2	—	38	15.8	32
Armor	1880 PRO2	241.9	—	—	67	15.2	30
AgriGold	A6659VT3PRO	241.5	238.8	—	36	15.4	27
REV®	REV® 27HR83™	241.5	229.2	—	37	15.2	33
REV®	REV® 22BHR21™	239.9	—	—	39	15.2	32
REV®	REV® 18BHR84™	239.6	—	—	50	14.7	22
Golden Acres	GA 26V21	239.5	—	—	33	15.1	29
DEKALB	DKC66-40 GENSS	239.1	—	—	42	15.2	32
Delta Grow	DG 3788	238.6	229.1	219.1	37	15.5	28

Table 14 (continued). Results from 99 corn hybrids grown with furrow irrigation on a Dundee very fine sandy loam soil at the MAFES Delta Branch Station, Stoneville, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV® 28HR20™	238.6	233.6	227.0	37	15.3	27
DEKALB	DKC65-19 GENVT3P	238.4	—	—	34	15.3	31
DEKALB	DKC66-87 GENVT2P	238.3	—	—	38	14.9	32
Croplan Genetics	8621 VT3P	237.9	230.7	—	35	15.4	34
B-H Genetics	BH 8735VTTP	236.0	—	—	37	15.6	29
Syngenta NK	N78S 3111	235.7	234.2	228.6	42	15.4	30
Delta Grow	DG 2888	235.6	231.1	224.0	39	15.1	32
Croplan Genetics	7087 VT3P	235.0	—	—	26	15.4	32
Dyna-Gro	D57VP51	234.5	237.3	—	39	15.0	27
Armor	1550 PRO2	234.1	—	—	39	15.4	30
Croplan Genetics	CPL 6926VT3/P	232.9	214.4	216.0	33	15.6	34
B-H Genetics	BH 8660VTTP	232.8	—	—	34	15.0	30
Mycogen	2A787	232.4	—	—	34	15.5	26
Great Heart Seed	HT 7240	232.3	—	—	40	15.2	27
T.A. Seeds	TA780-22DP	231.9	—	—	41	15.5	34
DEKALB	DKC61-78 GENVT3P	231.8	—	—	40	15.2	28
Augusta	5565 VT3PRO	231.4	—	—	42	14.9	31
DEKALB	DKC67-58 GENVT2P	231.3	220.8	220.4	36	15.3	28
T.A. Seeds	TA753-22DP	230.3	—	—	38	15.4	30
B-H Genetics	BH 8928VTTP	230.1	—	—	43	15.4	32
Augusta	5465 GTCBLLC	229.7	—	—	34	15.3	33
Mycogen	2P886	228.8	—	—	36	16.6	27
Steyer	X21151CM	228.5	—	—	43	15.5	29
Steyer	11407 VT3PRO RIBC	227.8	—	—	37	15.1	32
AgriGold	A6679VT2RIB	226.7	225.9	218.3	36	15.3	30
Golden Acres	G 7601	226.2	—	—	47	14.8	27
REV®	REV® 26BHR50™	226.1	—	—	39	15.9	27
DEKALB	DKC62-08 GENSS	225.7	—	—	43	14.9	25
T.A. Seeds	TA744-22DP	225.6	—	—	33	15.9	30
B-H Genetics	BH 8700VTTP	225.4	—	—	40	15.4	31
Delta Grow	CX00324	225.1	—	—	42	15.3	30
B-H Genetics	BH 8830VTTP	225.1	—	—	34	15.5	28
MSU	Hybrid 2 Son of Girth xxxx	225.0	—	—	38	15.9	30
AgriGold	A6573VT3PRIB	224.7	227.7	225.4	32	15.2	30
Augusta	7768 GT	223.4	—	—	37	15.6	25
Mycogen	2V714	222.5	—	—	42	14.7	25
AgriGold	A6499VT3PRO	222.4	—	—	42	15.2	27
Mycogen	2Y765	222.3	—	—	31	15.1	33
DEKALB	DKC 61-88	222.0	219.6	219.0	42	15.1	30
Mycogen	2V707	221.5	—	—	41	15.0	26
Delta Grow	DG 6160	221.4	—	—	43	15.2	32
Syngenta NK	N79T 3111	221.1	—	—	47	15.3	30
B-H Genetics	BH 8900GT3	219.9	—	—	59	15.4	31
Golden Acres	G 6611	219.7	—	—	37	15.0	28
REV®	REV® 22BHR54™	219.7	—	—	32	15.1	29
Armor	1133 PRO2	218.8	—	—	38	15.1	30
Delta Grow	DG 1660	217.2	—	—	45	14.8	30
Dyna-Gro	D52VC91	217.0	224.6	—	35	15.6	26
Augusta	5262 GT3000P	216.8	—	—	34	15.2	24
Mycogen	2Y811	216.3	—	—	47	15.3	29
AgriGold	A6501VT3PRO	215.4	—	—	38	15.8	22
Mycogen	2C786	215.4	—	—	38	14.9	32
AgriGold	A 6517VT3PRIB	214.1	—	—	38	14.9	27
Armor	1262 PRO2	213.1	217.5	217.4	33	15.3	28
AgriGold	A6559VT2RIB	213.0	—	—	39	15.2	24
Dyna-Gro	D54VP81	212.3	223.3	—	32	15.6	27
Great Heart Seed	HT 7261	212.2	—	—	38	15.1	25
T.A. Seeds	X18691DP	211.9	—	—	34	15.3	26
B-H Genetics	BH 8845VTTP	211.2	—	—	37	15.3	26
Augusta	6665 VT3PRO	210.4	—	—	38	15.5	27
Armor	1555SS	209.8	—	—	33	15.2	22
Dyna-Gro	D56VP10	209.2	209.5	—	33	15.4	28
AgriGold	A6533VT2 RIB	208.7	229.6	—	37	15.1	28
DEKALB	DKC64-69	208.0	221.6	223.6	43	15.7	23
Dyna-Gro	D56VC46	207.3	—	—	30	15.3	29
Golden Acres	G5531	206.9	226.1	—	33	15.5	25
Mycogen	2Y816	206.8	—	—	44	15.5	30
REV®	REV® 17HR73™	204.6	—	—	38	14.7	30
Dyna-Gro	D53VC13	203.2	—	—	37	15.2	26
Mycogen	2J794	196.6	—	—	52	15.1	25
Mean		229					
LSD .1		20.8					
Error df		297					
CV		7.8					
R square		50.8					

Darden Farm, Rolling Fork (Issaquena County)

Crop Summary

Corn plots were planted in early April into a well-prepared seedbed. Soil moisture was excellent at planting, and the plots quickly emerged to a good stand. Timely rainfall and irrigation allowed for ample soil moisture throughout the season. Harvest was completed in a timely manner, and excellent yields were observed.

Soil type	Commerce Silty Clay Loam
Soil pH	6.5
Soil fertility	P=M, K=M
Fertilizer added	Preplant — P @ 0-120 lb/A and K @ 0-95 lb/A, variable rate within field Sidedress — N @ 220 lb/A (32% UAN)
Herbicide application	Preemergence — Lexar @ 3 qt/A and Roundup Powermax @ 24 oz/A on March 21
Previous crop	Corn
Planting date	March 21
Harvest date	August 21
Irrigation	Furrow irrigated as needed

Rainfall Summary

	Inches
April	1.50
May	0.79
June	4.18
July	1.41
August	0.68
Total	8.56

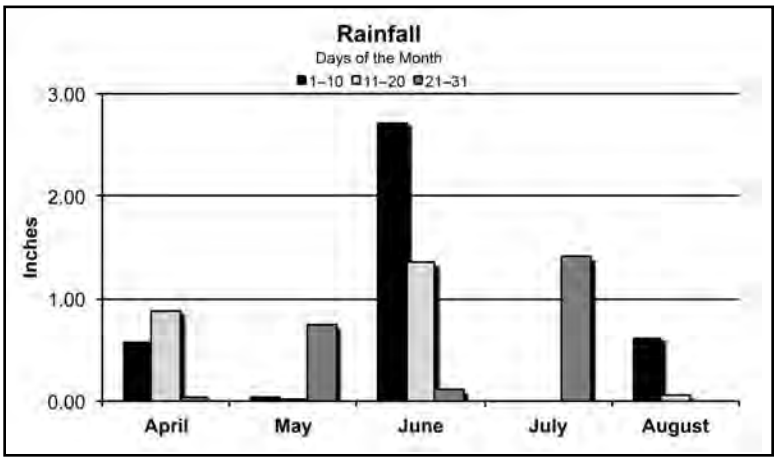

Table 15. Results from 99 corn hybrids grown with furrow irrigation on a Commerce silty clay loam soil near Rolling Fork, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV® 28R10™	231.2	188.0	—	53	21.0	29
DEKALB	DKC66-97 GENVT2P	224.4	211.4	—	45	18.7	36
Dyna-Gro	D57VP51	222.0	201.9	—	40	18.7	30
Golden Acres	G 5531	221.4	200.9	—	45	19.2	35
Armor	1880 PRO2	217.4	—	—	50	22.3	31
DEKALB	DKC 61-88	216.2	191.9	—	42	17.9	33
B-H Genetics	BH 8660VTTP	216.1	—	—	44	22.2	33
Golden Acres	G 7601	215.4	—	—	49	18.7	23
B-H Genetics	BH 8830VTTP	215.2	—	—	46	18.3	31
REV®	REV® 22BHR43™	214.9	—	—	41	19.5	29
Great Heart Seed	HT 7240	214.2	224.6	—	47	19.2	32
B-H Genetics	BH 8735VTTP	213.6	—	—	51	21.3	29
AgriGold	A6659VT3PRO	212.3	189.6	—	51	19.3	28
Dyna-Gro	D57VP75	212.0	—	—	51	19.5	32
AgriGold	A6679VT2RIB	211.7	—	—	48	17.0	33
Croplan Genetics	6640VT3P	211.6	212.6	—	43	20.6	32
AgriGold	A6559VT2RIB	209.9	—	—	46	20.2	31
Croplan Genetics	7087 VT3P	209.4	—	—	49	21.4	35
Dyna-Gro	D56VC46	209.4	—	—	46	20.1	33
Croplan Genetics	8621 VT3P	209.4	—	—	49	19.0	32
REV®	REV® 27HR83™	207.9	194.7	—	52	19.3	27
T.A. Seeds	TA744-22DP	207.3	—	—	43	19.8	34
DEKALB	DKC62-08 GENSS	207.3	—	—	43	19.3	28
Syngenta NK	N78S 3111	205.5	—	—	41	20.7	34
Golden Acres	GA 27V01	205.3	185.9	—	52	20.9	30
Augusta	7767 VT2PRO	204.7	—	—	48	22.7	31
Augusta	5465 GTCBLLC	204.0	—	—	44	20.8	30
REV®	REV® 28HR20™	203.6	192.2	—	56	19.9	29
Mycogen	2V707	202.6	—	—	55	20.6	34
Dyna-Gro	D56VP10	202.5	195.8	—	45	19.6	32
Mycogen	2C786	202.4	—	—	55	19.8	33
REV®	REV® 18BHR84™	202.3	—	—	40	19.8	30
Mycogen	2V714	202.2	—	—	56	17.9	35

[1]No 3-year averages.

Table 15 (continued). Results from 99 corn hybrids grown with furrow irrigation on a Commerce silty clay loam soil near Rolling Fork, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
T.A. Seeds	TA753-22DP	201.9	—	—	48	22.1	33
B-H Genetics	BH 8928VTTP	201.7	177.1	—	56	20.9	33
Armor	1133 PRO2	201.7	—	—	43	18.5	31
B-H Genetics	BH 8900GT3	201.1	—	—	44	20.5	29
DEKALB	DKC61-78 GENVT3P	201.0	—	—	43	18.6	31
Croplan Genetics	CPL 8410VT3/P	200.8	—	—	42	21.0	33
Golden Acres	G 6611	200.4	209.5	—	50	21.6	33
Steyer	11407 VT3PRO RIBC	200.1	—	—	48	20.2	33
Dyna-Gro	D54VP81	200.0	221.7	—	42	19.4	31
DEKALB	DKC66-40 GENSS	199.2	—	—	47	20.1	27
Pioneer	P1319HR	199.2	—	—	47	19.3	27
Delta Grow	DG 3660	198.9	213.9	—	47	24.6	26
AgriGold	A6499VT3PRO	198.8	200.7	—	40	17.9	31
DEKALB	DKC66-87 GENVT2P	198.7	196.7	—	40	18.6	33
AgriGold	A6687VT2PRO	198.6	186.1	—	50	20.1	30
Augusta	6866 GT3000	198.2	—	—	40	24.5	29
REV®	REV® 25BHR44™	198.2	—	—	50	24.2	31
Delta Grow	DG 2788	198.0	—	—	49	17.7	34
Augusta	7768 GT	197.9	—	—	54	25.9	31
Pioneer	P1636 YHR	197.7	200.1	—	46	16.7	31
T.A. Seeds	X18691DP	197.6	—	—	41	17.5	31
T.A. Seeds	TA780-22DP	196.8	—	—	44	21.5	33
REV®	REV® 24BHR93™	195.7	—	—	52	20.1	29
Delta Grow	CX00324	195.6	—	—	49	17.5	30
Steyer	X21151CM	195.5	—	—	49	16.8	30
Mycogen	2J794	195.4	—	—	50	24.4	34
DEKALB	DKC67-58 GENVT2P	195.1	—	—	44	23.2	31
REV®	REV® 26BHR50™	194.9	—	—	43	26.5	28
DEKALB	DKC64-69	194.9	201.1	—	43	19.7	33
AgriGold	A 6501VT3PRO	194.9	207.8	—	44	19.0	29
B-H Genetics	BH 8700VTTP	194.8	—	—	44	20.2	33
AgriGold	A6533VT2 RIB	194.7	202.7	—	40	17.2	32
Syngenta NK	N74R-3000GT	194.3	—	—	45	20.6	34
Syngenta NK	N79T 3111	194.3	203.8	—	38	24.3	30
Delta Grow	DG 6160	193.6	—	—	44	22.2	29
Dyna-Gro	D52VC91	193.0	206.3	—	43	19.3	28
DEKALB	DKC65-19 GENVT3P	192.9	—	—	37	19.8	26
AgriGold	A 6517VT3PRIB	192.6	—	—	43	20.9	33
Steyer	X31161TM	191.7	—	—	46	18.5	34
Mycogen	2Y811	190.5	—	—	51	23.7	34
Croplan Genetics	CPL 6926VT3/P	190.0	201.9	—	43	19.0	33
REV®	REV® 22BHR54™	190.0	209.2	—	40	24.2	27
REV®	REV® 17HR73™	187.6	—	—	41	17.4	28
Golden Acres	GA 26V21	187.5	221.4	—	46	24.1	33
Dyna-Gro	D55VP77	187.3	195.8	—	43	19.8	27
Augusta	5565 VT3PRO	187.0	—	—	41	21.7	30
AgriGold	A6573VT3PRIB	186.8	—	—	40	19.3	31
Delta Grow	DG 1660	186.4	197.0	—	44	16.5	34
DEKALB	DKC69-29 GENVT3P	185.9	196.7	—	44	20.9	32
Great Heart Seed	HT 7261	184.4	—	—	42	19.4	26
MSU	Hybrid 1 Girth xxxx	183.9	—	—	70	21.5	29
Augusta	6665 VT3PRO	183.5	—	—	42	18.6	25
Mycogen	2P886	182.7	—	—	53	25.9	33
Mycogen	2Y816	181.3	—	—	58	24.7	31
Armor	1555SS	181.2	—	—	37	23.0	30
Dyna-Gro	D53VC13	180.3	—	—	46	20.9	24
Armor	1550 PRO2	179.8	—	—	47	21.2	30
Mycogen	2Y765	179.5	—	—	52	21.7	35
Armor	1262 PRO2	179.5	—	—	41	20.2	29
REV®	REV® 22BHR21™	179.2	—	—	44	19.9	28
B-H Genetics	BH 8845VTTP	178.6	—	—	38	19.5	30
Augusta	5262 GT3000P	178.4	—	—	39	19.8	31
Delta Grow	DG 3788	176.6	—	—	40	27.3	31
Mycogen	2A787	175.5	216.2	—	40	21.6	33
MSU	Hybrid 2 Son of Girth xxxx	169.1	—	—	62	24.8	29
Delta Grow	DG 2888	168.1	190.9	—	44	21.2	30
Mean		197.6					
LSD .1		18					
Error df		297					
CV		7.8					
R square		51					

[1]No 3-year averages.

Ricky Belk Farms, Minter City

Crop Summary

Corn plots were planted on March 20 into a stale seedbed with favorable conditions for planting and germination. Heavy rainfall combined with low temperatures in the weeks after planting slowed emergence considerably. These weather conditions resulted in stands that were suitable but less than optimum. Weather during the remainder of the growing season after emergence was very favorable for corn production. As a result, good yields were achieved and harvest was completed without any delays.

Soil type	Mixture of Dundee Loam and Dubbs loam
Soil pH	6.3
Soil fertility	P=H, K=H
Fertilizer added	Preplant — 53-29-112 Sidedress — N @ 138 lb/A (Urea) and N @ 46 lb/A (Urea), pretassel
Herbicide application	Preemergence — Lexar @ 3 qt/A and Roundup Powermax @ 24oz/A on March 20
Previous crop	Corn
Planting date	March 20
Harvest date	August 28
Irrigation	Furrow irrigated six times, as needed

Rainfall Summary

	Inches
March	4.9
April	7.2
May	1.9
June	2.9
July	1.5
August	1.5
Total	19.9

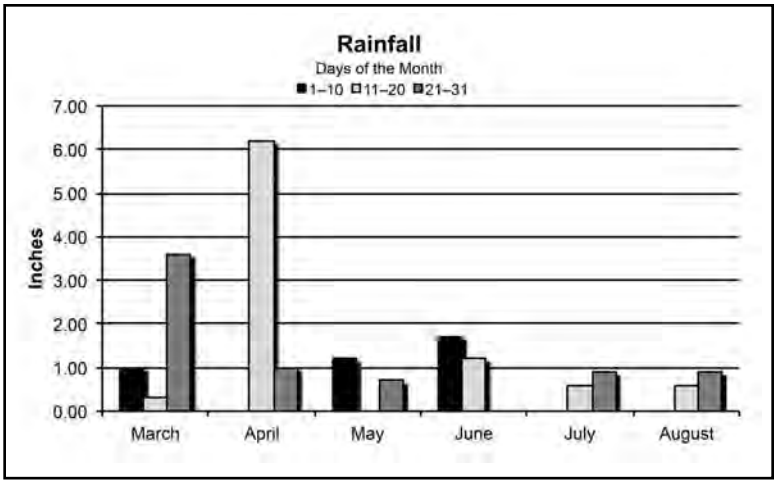

Table 16. Results from 99 corn hybrids grown with furrow irrigation on a mixture of Dundee silt loam and Tensas silty clay soil near Minter City, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Augusta	7768 GT	229.8	—	—	50	19.4	30
Great Heart Seed	HT 7240	229.7	—	—	41	18.7	31
Dyna-Gro	D57VP75	226.6	—	—	37	17.7	31
Dyna-Gro	D55VP77	225.9	214.4	—	38	18.5	34
DEKALB	DKC66-40 GENSS	225.9	—	—	40	17.1	32
Armor	1262 PRO2	223.7	218.1	203.2	37	17.9	31
REV®	REV® 24BHR93™	223.3	220.6		42	20.2	29
AgriGold	A6687VT2PRO	223.3	—	—	40	19.2	30
DEKALB	DKC62-08 GENSS	223.2	—	—	35	17.7	33
DEKALB	DKC 61-88	222.6	213.7	201.8	35	16.4	33
AgriGold	A6501VT3PRO	222.5	—	—	40	18.3	30
REV®	REV® 28R10™	222.3	224.9	208.8	46	19.7	30
Golden Acres	G 6611	220.4	—	—	36	18.5	32
Croplan Genetics	6640VT3P	220.0	227.5	—	29	18.2	31
T.A. Seeds	TA744-22DP	220.0	—	—	38	18.2	30
Croplan Genetics	8621 VT3P	219.5	215.8	—	43	19.0	31
AgriGold	A6559VT2RIB	219.3	—	—	36	17.5	29
Mycogen	2Y816	218.7	—	—	53	22.0	34
DEKALB	DKC66-97 GENVT2P	217.8	—	—	36	16.7	34
DEKALB	DKC66-87 GENVT2P	217.7	—	—	38	18.8	34
Dyna-Gro	D52VC91	217.4	215.0	—	39	20.3	29
B-H Genetics	BH 8660VTTP	217.4	—	—	40	17.8	33
Mycogen	2V714	217.4	—	—	50	17.9	34
T.A. Seeds	X18691DP	217.3	—	—	34	16.4	30
AgriGold	A6659VT3PRO	217.3	218.1	—	39	17.7	28
Steyer	11407 VT3PRO RIBC	216.7	—	—	34	18.4	32
B-H Genetics	BH 8928VTTP	215.7	—	—	43	18.8	32
Pioneer	P1319HR	215.2	—	—	38	17.9	30
Golden Acres	G 7601	214.5	—	—	41	18.6	29
T.A. Seeds	TA753-22DP	214.5	—	—	38	19.7	29

Table 16 (continued). Results from 99 corn hybrids grown with furrow irrigation on a mixture of Dundee silt loam and Tensas silty clay soil near Minter City, 2013.

Brand name	Hybrid number	2013 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV®	REV® 18BHR84™	214.2	—	—	28	16.0	27
Croplan Genetics	7087 VT3P	214.2	—	—	40	19.7	34
Syngenta NK	N79T 3111	213.9	—	—	34	10.9	31
Pioneer	P1636 YHR	213.9	—	—	39	16.6	30
Augusta	7767 VT2PRO	213.7	—	—	42	17.5	31
AgriGold	A6679VT2RIB	213.6	212.0	204.4	45	19.3	29
B-H Genetics	BH 8735VTTP	212.1	—	—	50	22.0	28
Croplan Genetics	CPL 6926VT3/P	212.1	221.5	204.9	38	18.3	34
Golden Acres	G5531	211.8	213.3	—	40	21.2	30
REV®	REV 28HR20™	211.7	222.4	207.1	49	18.8	28
Syngenta NK	N78S 3111	211.5	206.9	193.7	35	17.9	32
T.A. Seeds	TA780-22DP	210.0	—	—	46	21.6	30
Delta Grow	DG 2788	209.9	—	—	42	20.2	32
B-H Genetics	BH 8700VTTP	209.7	210.9	—	37	19.2	31
Dyna-Gro	D54VP81	209.0	218.6	—	32	19.7	26
Armor	1133 PRO2	208.8	—	—	44	16.9	28
DEKALB	DKC61-78 GENVT3P	208.5	—	—	43	17.8	31
Syngenta NK	N74R-3000GT	207.1	—	—	38	20.2	34
REV®	REV® 25BHR44™	207.1	—	—	42	18.6	30
Dyna-Gro	D56VP10	207.0	210.1	—	34	17.2	31
REV®	REV® 27HR83™	206.8	214.9	—	45	19.4	26
DEKALB	DKC65-19 GENVT3P	206.5	—	—	34	18.6	29
Augusta	6866GT3000	205.9	—	—	49	23.7	29
Golden Acres	GA 26V21	205.5	—	—	38	22.4	32
Augusta	5565 VT3PRO	205.2	—	—	37	17.5	31
Steyer	X21151CM	204.8	—	—	38	16.5	30
DEKALB	DKC67-58 GENVT2P	204.6	210.3	199.3	34	18.9	31
AgriGold	A6533VT2 RIB	204.4	210.3		37	16.5	29
DEKALB	DKC69-29 GENVT3P	204.4	210.9	202.9	41	17.9	34
Croplan Genetics	CPL 8410VT3/P	204.2	212.4	199.5	32	17.9	32
Augusta	5465 GTCBLLC	203.1	—	—	37	16.9	33
Delta Grow	DG 3660	203.0	216.3	—	42	24.6	31
B-H Genetics	BH 8845VTTP	202.5	—	—	36	16.9	29
Mycogen	2V707	202.2	—	—	44	16.1	31
Delta Grow	DG 6160	202.1	—	—	38	20.8	28
Augusta	5262 GT3000P	201.9	—	—	43	16.0	31
Augusta	6665 VT3PRO	201.8	—	—	36	17.0	26
REV®	REV® 26BHR50™	201.8	—	—	43	22.4	27
Armor	1880 PRO2	201.4	—	—	36	17.9	30
AgriGold	A6573VT3PRIB	201.0	205.0	193.8	31	16.5	30
AgriGold	A6499VT3PRO	200.9	—	—	34	18.7	32
Dyna-Gro	D57VP51	200.6	210.5	—	39	18.6	29
Armor	1555SS	200.5	—	—	39	19.2	27
DEKALB	DKC64-69	200.3	215.0	195.1	41	18.5	28
Golden Acres	GA 27V01	199.9	205.1	200.9	40	18.2	29
REV®	REV® 22BHR43™	199.7	206.1	—	36	16.5	28
Delta Grow	DG 1660	199.7	—	—	44	15.6	33
Delta Grow	CX00324	198.6	—	—	44	16.6	31
Armor	1550 PRO2	198.5	—	—	38	19.1	30
Mycogen	2C786	198.4	—	—	40	16.3	29
Dyna-Gro	D56VC46	198.3	—	—	41	19.5	30
REV®	REV® 22BHR21™	195.9	—	—	40	16.3	29
Mycogen	2A787	195.6	—	—	43	19.5	27
Mycogen	2Y811	195.5	—	—	50	17.4	33
Great Heart Seed	HT 7261	194.7	—	—	40	20.2	25
B-H Genetics	BH 8830VTTP	194.4	—	—	44	17.5	29
AgriGold	A 6517VT3PRIB	193.6	—	—	31	25.8	30
Delta Grow	DG 3788	193.4	197.4	180.0	43	17.7	30
Steyer	X31161TM	193.3	—	—	40	19.3	33
Mycogen	2J794	192.9	—	—	40	19.8	32
REV®	REV® 17HR73™	191.0	—	—	40	16.2	30
Dyna-Gro	D53VC13	190.9	—	—	37	16.7	24
B-H Genetics	BH 8900GT3	188.9	—	—	38	22.1	26
Mycogen	2P886	186.2	—	—	46	26.0	28
REV®	REV® 22BHR54™	183.5	—	—	34	17.3	29
Delta Grow	DG 2888	183.3	210.1	188.6	38	17.1	27
Mycogen	2Y765	170.2	—	—	46	19.8	33
MSU	Hybrid 1 Girth xxxx	167.9	—	—	69	23.9	30
MSU	Hybrid 2 Son of Girth xxxx	155.5	—	—	68	25.6	28
Mean		206.7					
LSD .1		17.5					
Error df		297					
CV		7.2					
R-square		51					

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