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Corn for Grain

HYBRID TRIALS, 2012

MAFES

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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, 2012

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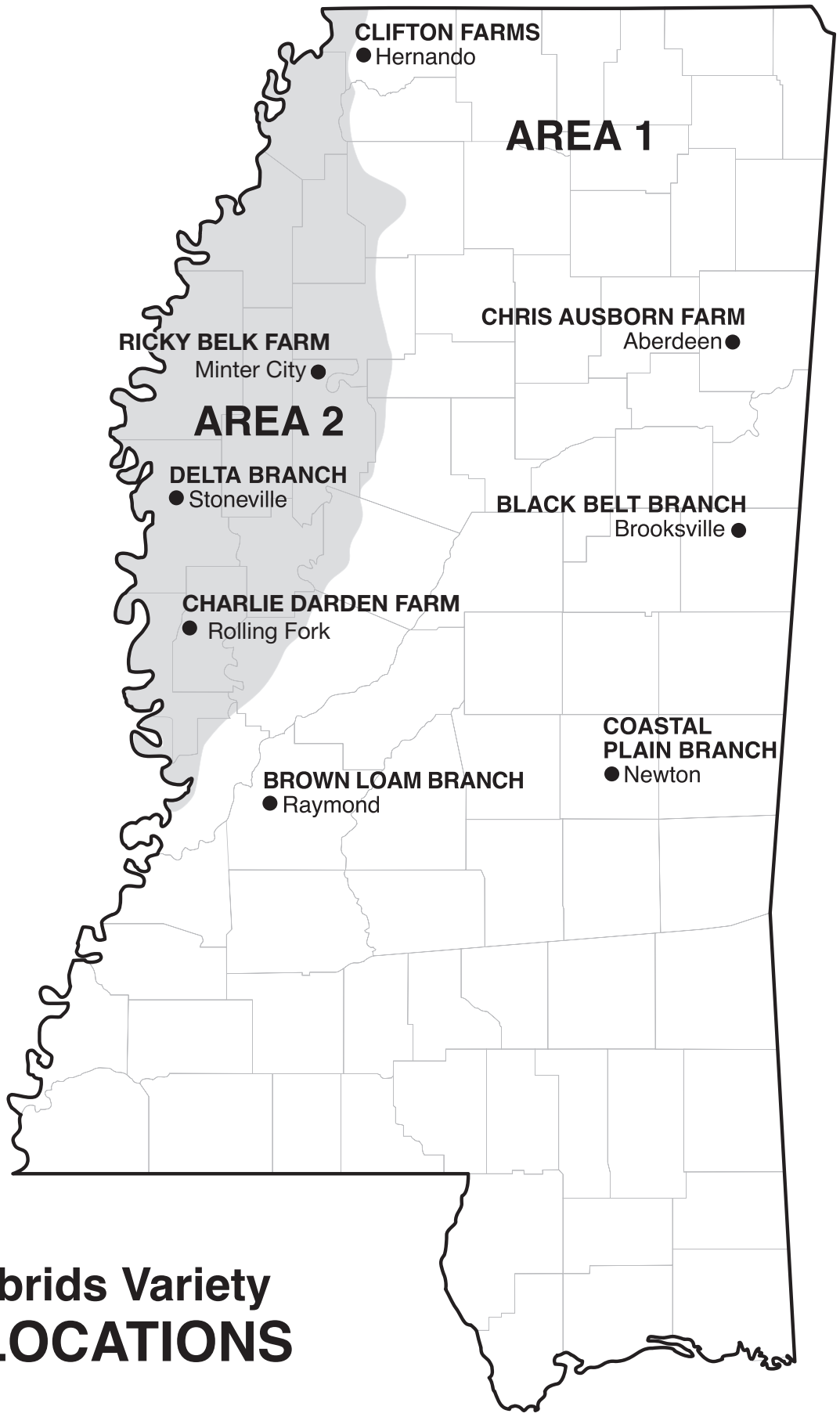

Corn Hybrids Variety
TEST LOCATIONS

Mississippi Corn for Grain Hybrid Trials, 2012

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 an insecticidal seed treatment 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 in dryland 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 15.5% 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, 2012.

Company	Hybrid	Trait[1]	Planting rate (x1000)	Seed treatment	Days to maturity
AgriGold Hybrids	A6489VT3	VT3	34/36	Poncho 500/Votivo	112
5381 Akin Road	A6517VT3Pro	VT3Pro	30/32	Poncho 500/Votivo	113
St. Francisville, IL 62460	A6533VT2RIB	VT2Pro	30/32	Poncho 500/Votivo	113
618-292-5844	A6553VT2RIB	VT2Pro	28/32	Poncho 500/Votivo	113
	A6573VT3Pro	VT3Pro	28/32	Poncho 500/Votivo	114
	A6632VT2RIB	VT2Pro	30/32	Poncho 500/Votivo	115
	A6679VT2RIB	VT2Pro	30/32	Poncho 500/Votivo	116
	A6659VT3Pro	VT3Pro	32/34	Poncho 500/Votivo	116
Armor Seed	1133PRO[3]	RR/VT3	32	Acceleron	111
P.O. Box 178	1111PRO[3]	RR/VT3	32	Acceleron	111
Fisher, AR 72429	1262PRO[2]	RR/VT2	32	Acceleron	112
870-579-2286	1415PRO[3]	RR/VT3	32	Acceleron	114
	1330PRO[3]	RR/VT3	32	Acceleron	114
	1550PRO[3]	RR/VT3	32	Acceleron	115
	1655PRO[2]	RR/VT2	32	Acceleron	116
	1770PRO[3]	RR/VT3	32	Acceleron	117
	1880PRO[3]	RR/VT3	32	Acceleron	118
B-H Genetics	BH8895VTTP	GENVT3P	30	Acceleron	117
5933 FM1157	BH8740VTTP	GENVT3P	32	Acceleron	116
Ganado, TX 77962	BH8630VTTP	GENVT3P	34	Acceleron	116
832-344-6389	XP8845VT3P	GENVT3P	34	Acceleron	114
	X11140VT3P	GENVT3P	34	Acceleron	114
Crop Production Services	52VC91	VT3Pro	34	Poncho 500	112
443 East Avenue South	D54VP81	VT3Pro	34	Poncho 500	114
Hollandale, MS 38748	D55VP77	VT3Pro	34	Poncho 500	115
601-827-9969	D56VP10	VT3Pro	34	Poncho 500	116
	D56VP69	VT3Pro	34	Poncho 500	116
	D57VP51	VT3Pro	34	Poncho 500	117
	CX12117	VT3Pro	34	Poncho 500	117
Delta Grow Seed	3788 GTCBLL	GTBTLL	34	Poncho 1250	114
P.O. Box 219	2888 GTCBLL	GTBTLL	34	Poncho 1250	115
England, AR 72046	3588 GTCBLL	GTBTLL	34	Poncho 1250	111
800-530-7933	2688 GTCBLL	GTBTLL	34	Poncho 1250	112
	6388 GTCBLL	GTBTLL	34	Poncho 1250	114
	6488 GTCBLL	GTBTLL	34	Poncho 1250	116
	4760 GTCBLL	GTBTLL	34	Poncho 1250	117
	4725 GTCBLL	GTBTLL	34	Poncho 1250	115
	3660 GTCBLL	GTBTLL	34	Poncho 1250	117
Golden Acres Genetics	27V01	VT3Pro	32	Acceleron	117
P.O. Box 579	28V81	VT3Pro	32	Acceleron	118
Buchanan Dam, TX 78609	26V21	VT3Pro	35	Acceleron	115
512-793-5205	G5531	VT3Pro	35	Acceleron	115

[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, 2012.

Company	Hybrid	Trait[1]	Planting rate (x1000)	Seed treatment	Days to maturity
Monsanto	DKC61-06	GENSS	34	Poncho 500	111
108 Bayberry Lane	DKC61-88	GENVT3P	34	Poncho 500	111
Madison, MS 39110	DKC62-09	GENVT3P	34	Poncho 500	112
601-317-2661	DKC63-87	GENVT2P	34	Poncho 500	113
	DKC64-69	GENVT3P	34	Poncho 500	114
	DKC65-67	GENVT2P	34	Poncho 500	115
	DKC66-86	GENVT3P	34	Poncho 500	116
	DKC66-97	GENVT2P	34	Poncho 500	116
	DKC67-57	GENVT2P	34	Poncho 500	117
	DKC69-29	GENVT3P	34	Poncho 500	119
Pioneer Hi-Bred International, Inc.	33N58	HX1, LL, RR2	28	Cruiser 250	113
700 Boulevard South	P1303HR	HX1, LL, RR2	28	Cruiser 250	113
Suite 302	P1615HR	HX1, LL, RR2	28/32	Cruiser 250	116
Huntsville, AL 35802	P1636YHR	HX1, YGCB, LL, RR2	28	Cruiser 250	116
800-331-2475	P1690HR	HX1, LL, RR2	28	Cruiser 250	116
	P1739HR	HX1, LL, RR2	32	Cruiser 250	117
	P1745HR	HX1, LL, RR2	32	Cruiser 250	117
	P2023HR	HX1, LL, RR2	32	Cruiser 250	120
	P2088YHR	HX1, YGCB, LL, RR2	28/32	Cruiser 250	120
Syngenta Seeds	N72F 3000GT	3000GT	32	Cruiser Maxx 1250	113
112 Meadowlark Lane	N78S 3111	3111	28/32	Cruiser Maxx 1250	116
Indianola, MS 38751	N74R 3000GT	3000GT	32	Cruiser Maxx 1250	114
662-207-1604	N68B 3111	3111	28	Cruiser Maxx 1250	111
	N79A 3111	3111	32	Cruiser Maxx 1250	117
	N77P 3111	3111	28	Cruiser Maxx 1250	114
Terral Seed, Inc.	REV®21HR33™	HX1, LL, RR	30	Cruiser 250	112
P.O. Box 826	REV®21HR33™	YGCB, HX1, LL, RR	30	Cruiser 250	112
Lake Providence, LA 71254	REV®26HR50™	HX1, LL, RR	30	Cruiser 250	112
318-559-2840	REV®23RE73™	HXX, LL, RR	30	Cruiser 250	116
	REV®28HR20™	HX1, LL, RR	30	Cruiser 250	118
	REV®28HR29™	HX1, LL, RR	30	Cruiser 250	118
	REV®28HR30™	HX1, LL, RR	30	Cruiser 250	118
	REV®28R10™	RR	30	Cruiser 250	118
	REV®27HR52™	HX1, LL, RR	30	Cruiser 250	117
	REV®25BHR63™	YGCB, HX1, LL, RR	30	Cruiser 250	116
	REV®26HR23™	HX1, LL, RR	30	Cruiser 250	116
	REV®27HR83™	HX1, LL, RR	30	Cruiser 250	117
	REV®29HR13™	HX1, LL, RR	30	Cruiser 250	119
	REV®24BHR93™	YGCB, HX1, LL, RR	30	Cruiser 250	114
Winfield Solutions/Croplan Genetics	664VT3P	VT3P	30/34	Cruiser 250	114
P.O. Box 64281	6926VT3P	VT3P	30/34	Cruiser 250	114
St. Paul, MN 55164	6960VT3P	VT3P	30/34	Cruiser 250	114
901-233-9646	8410VT3P	VT3P	30/34	Cruiser 250	117
	8621VT3P	VT3P	30/34	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 2. 2012 corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Newton	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*
AgriGold	A6489VT3	132.6	78.8	111.0	80.7	102.5	101.1
AgriGold	A6517VT3 PRO	133.1	83.3	79.5	84.8	97.1	95.6
AgriGold	A6533VT2 RIB	126.3	72.0	97.0	81.3	99.4	95.2
AgriGold	A6553VT2 RIB	127.6	71.1	66.4	102.2	90.6	91.6
AgriGold	A6573VT3 PRO	121.2	66.1	83.4	49.7	104.0	84.9
AgriGold	A6632VT2 RIB	110.4	90.2	76.2	99.3	85.6	92.3
AgriGold	A6659VT3 PRO	102.2	75.6	74.5	94.0	115.8	92.4
AgriGold	A6679VT2 RIB	102.9	79.4	84.1	101.1	96.0	92.7
Armor	1133 PRO3	121.2	93.5	93.1	86.2	91.8	97.2
Armor	1262 PRO2	134.2	87.4	97.8	77.9	97.4	98.9
Armor	1415 PRO3	114.9	85.9	79.5	70.0	107.2	91.5
Armor	1550 PRO3	115.2	83.0	103.5	104.7	104.9	102.3
Armor	1655 PRO2	141.8	90.5	81.5	82.7	99.9	99.3
Armor	1770 PRO3	132.9	80.4	65.6	75.0	89.1	88.6
Armor	1330 PRO3	138.3	81.1	93.8	99.3	85.5	99.6
Armor	1880 PRO3	113.2	76.7	89.2	82.2	87.6	89.8
Armor	1111 PRO3	140.0	86.6	87.3	97.4	83.5	98.9
Croplan Genetics	6640VT3P	137.7	101.1	96.2	99.5	103.3	107.6
Croplan Genetics	6960VT3P	113.5	89.9	81.4	121.5	96.7	100.6
Croplan Genetics	8621VT3P	120.5	97.6	101.6	97.9	87.6	101.0
Croplan Genetics	6926VT3/P	153.8	119.1	104.1	111.2	91.9	116.0
Croplan Genetics	CPL 8410VT3/P	122.4	121.0	91.9	84.4	91.4	102.2
DEKALB	DKC 61-06	128.6	91.2	101.6	99.5	107.0	105.6
DEKALB	DKC 61-88	126.6	101.6	79.3	87.1	87.9	96.5
DEKALB	DKC 62-09	107.2	87.0	94.0	78.7	119.5	97.3
DEKALB	DKC 63-87	123.4	69.1	108.3	65.4	95.4	92.3
DEKALB	DKC 65-67	114.3	77.4	73.7	97.8	99.0	92.4
DEKALB	DKC 66-86	130.7	116.0	97.6	71.6	92.5	101.7
DEKALB	DKC 66-97	134.9	84.7	94.5	76.7	100.5	98.3
DEKALB	DKC 67-57	120.0	73.0	85.2	88.7	96.4	92.7
DEKALB	DKC 69-29	130.6	105.3	93.0	118.4	92.1	107.9
DEKALB	DKC64-69	123.2	93.2	85.3	100.1	110.5	102.4
Delta Grow	DG 2688	102.9	56.6	96.5	71.3	113.8	88.2
Delta Grow	DG 2888	109.0	58.3	74.8	86.8	75.3	80.9
Delta Grow	DG 3588	92.1	79.6	84.7	71.3	78.5	81.2
Delta Grow	DG 3660	137.1	101.1	93.1	100.2	73.9	101.1
Delta Grow	DG 3788	90.4	80.0	78.3	78.7	71.7	79.8
Delta Grow	DG 4725	131.7	78.1	92.6	104.5	91.4	99.7
Delta Grow	DG 4760	136.7	94.3	83.7	87.2	90.4	98.5
Delta Grow	DG 6388	105.2	57.6	78.5	74.1	99.4	83.0
Delta Grow	DG 6488	124.2	61.4	93.8	96.3	91.0	93.4
Dyna-Gro	52VC91	131.8	86.3	84.5	104.4	88.0	99.0
Dyna-Gro	CX12117	162.7	92.2	97.3	105.5	99.5	111.4
Dyna-Gro	D54VP81	115.8	99.7	83.9	97.4	93.6	98.1
Dyna-Gro	D55VP77	123.3	97.8	83.7	89.9	118.9	102.7
Dyna-Gro	D56VP10	147.5	95.7	89.2	86.1	101.4	104.0
Dyna-Gro	D56VP69	105.4	63.9	89.1	54.4	105.6	83.7
Dyna-Gro	D57VP51	106.3	84.3	80.0	74.7	85.2	86.1
Golden Acres	G5531	123.7	80.3	87.5	81.8	102.4	95.1
Golden Acres	GA 26V21	100.4	80.2	80.8	76.9	83.5	84.4
Golden Acres	GA 27V01	102.0	89.8	71.8	82.7	75.4	84.3
Golden Acres	GA28V81	136.4	94.4	82.3	88.1	87.0	97.7
NK Brand	N68B-3111	102.4	77.9	92.3	89.3	102.6	92.9
NK Brand	N77P-3111	107.9	91.6	79.5	82.2	86.8	89.6
NK Brand	N78S-3111	109.7	97.2	73.4	98.8	84.5	92.7
Pioneer	33N58	112.8	106.4	92.1	92.9	107.7	102.4
Pioneer	P1303HR	118.1	64.1	91.5	89.5	74.1	87.5
Pioneer	P1615HR	109.6	58.5	79.0	74.7	82.2	80.8
Pioneer	P1636 YHR	125.3	77.4	87.1	109.0	103.2	100.4
Pioneer	P1690 HR	117.0	72.8	94.5	90.7	73.4	89.7
Pioneer	P2088YHR	115.5	84.1	96.2	100.3	91.4	97.5
REV	REV 21HR33™	91.2	68.4	88.8	101.4	92.2	88.4
REV	REV 22BHR43™	124.4	70.9	108.9	119.4	99.6	104.6
REV	REV 23RE73™	115.9	76.0	95.5	99.7	76.8	92.8
REV	REV 24BHR93™	111.4	67.1	73.6	97.5	76.2	85.2
REV	REV 25BHR63™	113.7	97.1	73.7	102.5	62.8	90.0
REV	REV 26HR23™	140.0	79.5	82.1	84.9	79.3	93.2
REV	REV 26HR50™	147.1	63.5	89.5	91.4	94.8	97.3
REV	REV 27HR52™	120.3	60.8	73.0	99.4	88.5	88.4
REV	REV 27HR83™	100.6	78.6	103.1	72.1	83.0	87.5

Table 2 (continued). 2012 corn hybrid yield summary for dryland locations.

Brand	Hybrid number	Aberdeen	Brooksville	Hernando	Newton	Raymond	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*	*bu/A*	*bu/A*
REV	REV 28H29™	119.9	50.3	82.0	79.9	81.9	82.8
REV	REV 28HR20™	118.3	78.0	108.2	72.5	88.9	93.2
REV	REV 28HR30™	101.0	86.7	72.9	72.0	100.8	86.7
REV	REV 28R10™	120.3	69.8	89.3	75.8	78.7	86.8
REV	REV 29HR13™	111.2	64.6	70.7	79.6	65.1	78.3
Mean		120.5	82.4	87.4	88.7	92.1	94.2
LSD (.10)		17.8	16.2	18	15.9	22.2	
Error df		222	222	222	222	148	
CV (%)		12.7	16.9	17.7	15.4	17.9	
Rsquare (%)		56	60	59	66	44.5	

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	A6489VT3	151.6	66.6	131.3	89.8	109.8
AgriGold	A6573VT3 PRO	144.5	55.9	109.9	89.6	100.0
Armor	1262 PRO2	152.1	65.8	117.3	78.7	103.5
Croplan Genetics	6926VT3/P	160.6	80.8	114.3	92.7	112.1
Croplan Genetics	8410 VT3/P	139.9	90.8	122.5	93.4	111.6
DEKALB	DKC 61-06	136.5	60.9	110.4	92.6	100.1
DEKALB	DKC 61-88	142.8	80.1	117.1	84.4	106.1
DEKALB	DKC 62-09	137.9	77.7	123.9	104.4	111.0
DEKALB	DKC 63-87	135.4	72.4	114.9	85.5	102.0
DEKALB	DKC 67-57	142.3	58.9	113.0	94.4	102.1
DEKALB	DKC 69-29	149.2	72.1	122.4	100.4	111.0
DEKALB	DKC64-69	149.3	89.8	107.3	100.2	111.6
Delta Grow	DG 2888	128.5	60.6	93.3	66.5	87.2
Delta Grow	DG 3788	122.9	72.7	100.1	65.4	90.3
Dyna-Gro	D56VP10	154.8	75.8	116.1	87.0	108.4
Dyna-Gro	D56VP69	137.3	58.4	92.3	87.7	94.0
Golden Acres	GA 26V21	130.1	73.2	103.7	71.7	94.7
Golden Acres	GA 27V01	130.1	69.8	96.1	63.3	89.8
NK Brand	N77P-3111	130.6	73.5	111.7	74.5	97.6
Pioneer	P1615HR	139.4	57.2	97.8	73.0	91.9
Pioneer	P2088YHR	145.9	61.4	107.9	72.8	97.0
REV	REV 26HR50™	157.5	51.4	101.5	75.0	96.4
REV	REV 27HR52™	137.0	48.3	97.8	65.3	87.1
REV	REV 28HR20™	154.0	66.1	126.7	69.1	104.0
REV	REV 28HR30™	133.7	69.9	94.8	71.0	92.4
REV	REV 28R10™	146.5	61.5	108.1	59.3	93.8
Overall Mean		136.1	65.6	104.6	77.6	96.0

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	A6489VT3	155.8	88.0	122.2	101.2	116.8
DEKALB	DKC64-69 (GENVT3P)	151.5	106.6	105.7	112.0	119.0
Delta Grow	DG 2888	132.3	75.9	106.5	77.1	97.9
Delta Grow	DG 3788	130.7	81.6	108.6	71.3	98.0
Golden Acres	GA 26V21	136.7	92.5	102.1	96.1	106.8
Pioneer	P1615HR	143.5	75.0	106.2	83.0	101.9
REV	REV 26HR50™	156.6	74.2	98.1	89.6	104.6
REV	REV 28HR20™	155.3	83.7	121.9	94.0	113.7
REV	REV 28HR30™	137.6	78.6	100.4	88.1	101.2
REV	REV 28R10™	151.4	91.0	110.5	85.9	109.7
Overall Mean		145.1	84.7	108.2	89.8	107.0

Table 5. 2012 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*	
AgriGold	A6489VT3	223.8	205.7	229.7	193.8	213.2
AgriGold	A6517VT3 PRO	221.3	211.4	220.1	205.2	214.5
AgriGold	A6533VT2 RIB	216.2	217.8	250.4	197.9	220.6
AgriGold	A6553VT2 RIB	207.3	167.1	225.3	189.1	197.2
AgriGold	A6573VT3 PRO	209.1	214.7	230.8	197.4	213.0
AgriGold	A6632VT2 RIB	207.2	184.9	235.9	199.8	206.9
AgriGold	A6659VT3 PRO	218.9	205.4	236.0	212.4	218.2
AgriGold	A6679VT2 RIB	210.4	207.4	225.1	191.3	208.6
Armor	1133 PRO3	217.6	175.6	222.9	182.9	199.7
Armor	1262 PRO2	212.4	192.3	221.9	178.4	201.3
Armor	1415 PRO3	202.5	196.4	218.8	173.6	197.8
Armor	1550 PRO3	232.3	201.9	232.0	184.1	212.6
Armor	1655 PRO2	189.3	216.4	210.8	170.1	196.7
Armor	1770 PRO3	211.3	189.4	208.1	186.0	198.7
Armor	1330 PRO3	218.2	199.7	218.2	187.7	206.0
Armor	1880 PRO3	228.1	204.8	210.7	200.9	211.1
Armor	1111 PRO3	221.7	215.5	208.9	189.9	209.0
B-H Genetics	BH 8630VTTP	230.9	214.1	238.0	189.0	218.0
B-H Genetics	BH 8740VTTP	198.1	193.3	197.4	173.3	190.5
B-H Genetics	BH 8895VTTP	216.0	197.5	243.0	194.7	212.8
B-H Genetics	X11140 VT3P	212.1	184.4	228.4	199.0	206.0
B-H Genetics	XP8845VT3P	221.6	193.5	235.1	204.2	213.6
Croplan Genetics	6640VT3P	235.0	216.1	219.9	209.4	220.1
Croplan Genetics	6960VT3P	228.2	208.2	236.5	194.8	216.9
Croplan Genetics	8621VT3P	212.1	206.2	223.6	195.3	209.3
Croplan Genetics	6926VT3/P	230.9	201.6	195.9	194.6	205.7
Croplan Genetics	8410 VT3/P	220.5	202.9	232.0	194.8	212.6
DEKALB	DKC 61-06	218.4	168.6	232.3	197.2	204.1
DEKALB	DKC 61-88	204.8	186.1	217.3	189.0	199.3
DEKALB	DKC 62-09	221.4	219.8	247.7	185.6	218.6
DEKALB	DKC 63-87	230.2	199.7	235.4	189.3	213.6
DEKALB	DKC 65-67	196.9	177.1	197.7	168.7	185.1
DEKALB	DKC 66-86	208.7	198.3	215.8	184.2	201.7
DEKALB	DKC 66-97	242.6	216.3	238.4	208.3	226.4
DEKALB	DKC 67-57	216.0	198.9	210.3	194.5	204.9
DEKALB	DKC 69-29	217.3	207.5	216.0	197.1	209.5
DEKALB	DKC64-69	229.8	186.9	235.2	181.0	208.2
Delta Grow	DG 2688 GTCBLL	223.2	210.3	217.9	188.0	209.9
Delta Grow	DG 2888	237.0	216.3	226.7	165.4	211.4
Delta Grow	DG 3588 GTCBLL	206.7	170.9	212.9	168.5	189.8
Delta Grow	DG 3660	229.6	204.9	210.5	206.9	213.0
Delta Grow	DG 3788 GTCBLL	201.4	177.5	219.5	162.7	190.3
Delta Grow	DG 4725	194.7	171.7	202.2	180.1	187.2
Delta Grow	DG 4760	217.9	194.4	233.8	203.3	212.4
Delta Grow	DG 6388 GTCBLL	205.4	197.5	213.3	188.3	201.1
Delta Grow	DG 6488 GTCBLL	209.6	199.4	214.5	174.0	199.3
Dyna-Gro	52VC91	212.5	198.6	232.2	177.3	205.1
Dyna-Gro	CX12117	223.9	200.5	221.5	192.6	209.6
Dyna-Gro	D54VP81	228.1	201.9	234.3	191.1	213.8
Dyna-Gro	D55VP77	202.8	212.8	228.3	193.7	209.4
Dyna-Gro	D56VP10	213.2	181.3	209.8	188.7	198.3
Dyna-Gro	D56VP69	207.5	187.4	237.5	189.6	205.5
Dyna-Gro	D57VP51	220.3	221.5	240.2	196.1	219.5
Golden Acres	G5531	214.7	211.0	245.3	191.8	215.7
Golden Acres	GA 27V01	210.3	170.7	234.8	178.7	198.6
NK Brand	N72F3000GT	215.1	210.8	214.6	190.7	207.8
NK Brand	N74R 3000 GT	219.8	204.9	209.8	189.1	205.9
NK Brand	N78S-3111	202.2	213.0	232.7	192.8	210.2
Pioneer	P1615HR	242.3	207.9	220.8	188.3	214.8
Pioneer	P1739HR	228.7	210.2	228.6	186.1	213.4
Pioneer	P1745HR	227.6	209.1	224.3	180.8	210.4
Pioneer	P2023HR	240.1	219.3	232.1	210.9	225.6
Pioneer	P2088YHR	200.5	188.3	224.9	192.8	201.6
REV	REV 21HR33™	220.5	203.6	211.7	177.8	203.4
REV	REV 22BHR43™	212.5	210.3	208.2	188.9	205.0
REV	REV 23RE73™	231.5	195.2	211.7	193.2	207.9
REV	REV 24BHR93™	217.9	193.8	220.8	194.0	206.6
REV	REV 25BHR63™	194.1	187.5	214.8	189.8	196.6
REV	REV 26HR23™	225.3	194.5	224.9	191.8	209.1
REV	REV 26HR50™	238.8	204.8	240.6	196.0	220.1

Table 5 (continued). 2012 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*	
REV	REV 27HR52™	205.3	194.5	209.0	178.4	196.8
REV	REV 27HR83™	223.1	197.4	216.9	175.5	203.2
REV	REV 28H29™	217.5	192.4	199.1	189.8	199.7
REV	REV 28HR20™	233.2	245.6	228.6	182.3	222.4
REV	REV 28HR30™	228.6	192.9	231.7	188.7	210.5
REV	REV 28R10™	227.5	211.6	214.1	202.1	213.8
REV	REV 29HR13™	223.3	208.7	227.0	194.7	213.4
Overall Mean		217.0	200.0	227.0	189.7	207.7
LSD (.10)		19.9	23.7	20.4	17.3	
Error df		228	228	228	228	
CV (%)		7.9	10.1	7.7	7.8	
Rsquare (%)		57.8	41.3	42.6	44.5	

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

Brand	Hybrid number	Stoneville	Minter City	Stoneville (clay)	Overall average
		bu/A	*bu/A*	*bu/A*	*bu/A*
AgriGold	A6489VT3	222.2	196.5	192.1	203.6
AgriGold	A6573VT3Pro	225.8	201.8	190.2	205.9
Armor	1262 PRO2	219.6	189.4	193.0	200.7
B-H Genetics	BH 8895VTTP	235.8	199.1	190.9	208.6
Croplan Genetics	6926VT3/P	207.5	200.2	201.3	203.0
Croplan Genetics	8410 VT3/P	229.4	202.0	197.1	209.5
DEKALB	DKC 61-06	221.5	200.9	180.1	200.8
DEKALB	DKC 61-88	217.5	189.1	191.4	199.3
DEKALB	DKC 62-09	238.5	193.5	198.5	210.2
DEKALB	DKC 63-87	226.3	197.5	199.3	207.7
DEKALB	DKC 67-57	214.9	185.7	196.7	199.1
DEKALB	DKC 69-29	215.6	207.9	202.1	208.6
DEKALB	DKC64-69	231.4	192.0	192.5	205.3
Delta Grow	DG 2888	218.2	172.7	191.3	194.1
Dyna-Gro	D56VP69	230.6	209.1	162.0	200.6
Golden Acres	GA 27V01	222.1	188.4	201.5	204.0
NK Brand	N72F3000GT	216.8	198.9	198.1	204.6
NK Brand	N78S-3111	225.1	193.6	184.7	201.1
Pioneer	P1615HR	233.5	202.0	204.9	213.5
Pioneer	P1745HR	232.3	201.8	204.2	212.8
Pioneer	P2023HR	233.6	214.4	205.6	217.8
Pioneer	P2088YHR	238.2	210.8	194.1	214.4
REV	REV 26HR50™	236.2	209.4	205.0	216.9
REV	REV 27HR52™	212.1	194.7	195.5	200.8
REV	REV 28HR20™	221.2	209.1	204.8	211.7
REV	REV 28HR30™	226.4	197.3	192.6	205.4
REV	REV 28R10™	213.8	211.0	202.1	209.0
Overall Mean		224.7	198.8	195.2	206.3

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

Brand	Hybrid number	Stoneville	Stoneville Clay	Minter City	Overall average
		bu/A	*bu/A*	*bu/A*	
AgriGold	A6489VT3	219.1	187.0	189.8	198.7
B-H Genetics	BH 8895VTTP	231.5	173.3	190.3	198.4
DEKALB	DKC64-69	231.3	181.4	186.5	199.7
Delta Grow	DG 2888	202.7	161.0	199.6	187.8
Pioneer	P1615HR	230.3	177.3	209.8	205.8
Pioneer	P1745HR	237.9	187.1	197.9	207.7
Pioneer	P2023HR	233.5	192.2	201.0	208.9
REV	REV 26HR50™	239.4	186.0	202.4	209.3
REV	REV 28HR20™	224.7	185.9	206.3	205.6
REV	REV 28HR30™	229.0	175.9	196.3	200.4
REV	REV 28R10™	222.9	186.1	203.8	204.2
Overall Mean		227.5	181.2	198.5	202.4

Clifton Farms, Hernando

Crop Summary

Corn plots were planted no-till into soil with optimum soil moisture. The plots quickly emerged to a good stand. The absence of rainfall during late May to early June reduced the crop's yield potential, resulting in below-average yields. Harvest was completed with no weather delays.

Soil type	**Collins silt loam**
Soil pH	**5.7**
Soil fertility	**P=H, K=H**
Fertilizer added	**Preplant — K_2O @ 60 lb/A**
	Sidedress — N @ 195 lb/A (32% UAN)
Herbicide application	**Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on April 2**
	Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 15
Previous crop	**Soybeans**
Planting date	**April 2**
Harvest date	**August 25**

Rainfall Summary

	Inches
April	**2.68**
May	**0.66**
June	**2.20**
July	**4.80**
August	**0.96**
Total	**11.30**

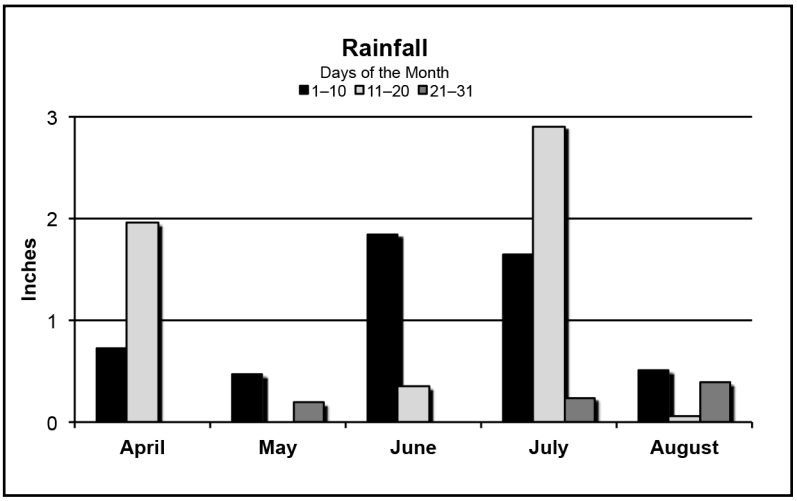

Table 8. Results from 75 corn hybrids grown without irrigation on a Collins silt loam soil near Hernando, DeSoto County, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
AgriGold	A6489VT3	111.0	131.3	122.2	28	16.3	36
REV	REV 22BHR43TM	108.9	—	—	27	15.9	29
DEKALB	DKC 63-87	108.3	114.9	—	26	15.3	34
REV	REV 28HR20TM	108.2	126.7	121.9	26	20.4	33
Croplan Genetics	6926VT3/P	104.1	114.3	—	29	16.1	30
Armor	1550 PRO3	103.5	—	—	26	17.4	32
REV	REV 27HR83TM	103.1	—	—	28	18.0	32
DEKALB	DKC 61-06	101.6	110.4	—	30	15.4	32
Croplan Genetics	8621VT3P	101.6	—	—	30	16.1	30
Armor	1262 PRO2	97.8	117.3	—	23	16.9	31
DEKALB	DKC 66-86	97.6	—	—	30	16.1	30
Dyna-Gro	CX12117	97.3	—	—	24	16.9	30
AgriGold	A6533VT2 RIB	97.0	—	—	23	15.7	31
Delta Grow	DG 2688	96.5	—	—	26	17.0	31
Croplan Genetics	6640VT3P	96.2	—	—	32	15.8	30
Pioneer	P2088YHR	96.2	107.9	—	33	16.8	29
REV	REV 23RE73™	95.5	—	—	26	16.0	28
DEKALB	DKC 66-97	94.5	—	—	25	16.2	33
Pioneer	P1690HR	94.5	—	—	22	16.1	30

Table 8 (continued). Results from 75 corn hybrids grown without irrigation on a Collins silt loam soil near Hernando, DeSoto County, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
DEKALB	DKC 62-09	94.0	123.9	—	26	16.2	33
Armor	1330 PRO3	93.8	—	—	21	15.2	32
Delta Grow	DG 6488	93.8	—	—	27	17.7	28
Armor	1133 PRO3	93.1	—	—	29	14.8	31
Delta Grow	DG 3660	93.1	—	—	28	18.9	32
DEKALB	DKC 69-29	93.0	122.4	—	27	15.9	32
Delta Grow	DG 4725	92.6	—	—	30	16.4	31
NK Brand	N68B-3111	92.3	—	—	28	15.3	27
Pioneer	33N58	92.1	—	—	28	17.5	33
Croplan Genetics	8410 VT3/P	91.9	122.5	—	20	16.4	32
Pioneer	P1303HR	91.5	—	—	22	15.9	32
REV	REV 26HR50™	89.5	101.5	98.1	26	17.3	32
REV	REV 28R10™	89.3	108.1	110.5	27	18.9	30
Dyna-Gro	D56VP10	89.2	116.1	—	26	16.0	31
Armor	1880 PRO3	89.2	—	—	30	16.3	31
Dyna-Gro	D56VP69	89.1	92.3	—	33	16.3	34
REV	REV 21HR33™	88.8	—	—	25	15.8	31
Golden Acres	G5531	87.5	—	—	22	17.5	34
Armor	1111 PRO3	87.3	—	—	32	15.5	33
Pioneer	P1636YHR	87.1	—	—	23	15.7	31
DEKALB	DKC64-69	85.3	107.3	105.7	26	16.3	32
DEKALB	DKC 67-57	85.2	113.0	—	27	16.0	31
Delta Grow	DG 3588	84.7	—	—	29	16.2	32
Dyna-Gro	52VC91	84.5	—	—	20	15.4	35
AgriGold	A6679VT2 RIB	84.1	—	—	24	22.7	34
Dyna-Gro	D54VP81	83.9	—	—	32	16.7	29
Dyna-Gro	D55VP77	83.7	—	—	27	15.5	31
Delta Grow	DG 4760	83.7	—	—	26	17.0	30
AgriGold	A6573VT3 PRO	83.4	109.9	—	27	16.6	30
Golden Acres	GA28V81	82.3	—	—	23	16.2	33
REV	REV 26HR23™	82.1	—	—	32	15.5	31
REV	REV 28H29™	82.0	—	—	27	20.2	31
Armor	1655 PRO2	81.5	—	—	24	16.0	31
Croplan Genetics	6960VT3P	81.4	—	—	24	17.0	30
Golden Acres	GA 26V21	80.8	103.7	102.1	25	19.6	32
Dyna-Gro	D57VP51	80.0	—	—	29	16.7	31
NK Brand	N77P-3111	79.5	111.7	—	28	17.7	29
Armor	1415 PRO3	79.5	—	—	24	16.7	32
AgriGold	A6517VT3 PRO	79.5	—	—	28	16.5	33
DEKALB	DKC 61-88	79.3	117.1	—	33	15.3	32
Pioneer	P1615HR	79.0	97.8	106.2	26	20.5	31
Delta Grow	DG 6388	78.5	—	—	24	15.2	33
Delta Grow	DG 3788	78.3	100.1	108.6	24	17.6	32
AgriGold	A6632VT2 RIB	76.2	—	—	30	18.6	32
Delta Grow	DG 2888	74.8	93.3	106.5	27	15.4	32
AgriGold	A6659VT3 PRO	74.5	—	—	26	15.9	35
REV	REV 25BHR63™	73.7	—	—	27	20.2	32
DEKALB	DKC 65-67	73.7	—	—	26	15.1	34
REV	REV 24BHR93™	73.6	—	—	24	16.6	32
NK Brand	N78S-3111	73.4	—	—	29	17.2	28
REV	REV 27HR52™	73.0	97.8	—	23	16.1	32
REV	REV 28HR30™	72.9	94.8	100.4	23	23.8	30
Golden Acres	GA 27V01	71.8	96.1	—	25	17.8	33
REV	REV 29HR13™	70.7	—	—	27	17.5	32
AgriGold	A6553VT2 RIB	66.4	—	—	28	16.3	34
Armor	1770 PRO3	65.6	—	—	25	15.9	32
Mean		87.4					
LSD (.10)		18					
Error df		222					
CV (%)		17.7					
Rsquare (%)		59					

MAFES Black Belt Branch, Brooksville

Crop Summary

Corn plots were planted into a freshly prepared seedbed. Moisture was adequate at planting, and all plots emerged to a suitable stand. Plots continued to look good throughout the first half of the growing season. Lack of rainfall during the last half of June resulted in below-average yields. Harvest was completed in a timely manner.

Soil type	**Brooksville silty clay**
Soil pH	**6.1**
Soil fertility	**P=M, K=M**
Fertilizer added	**Sidedress — N @ 50 lb/A (32% UAN) on April 4 and N @ 150 lb/A (32% UAN) on April 26**
Herbicide application	**Preplant — Roundup @ 1 qt/A and Leadoff @ 3 oz/A** **Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 29** **Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 18**
Previous crop	**Soybeans**
Planting date	**March 29**
Harvest date	**August 14**

Rainfall Summary

	Inches
March	**0.61**
April	**1.64**
May	**5.23**
June	**1.94**
July	**10.86**
August	**4.99**
Total	**25.27**

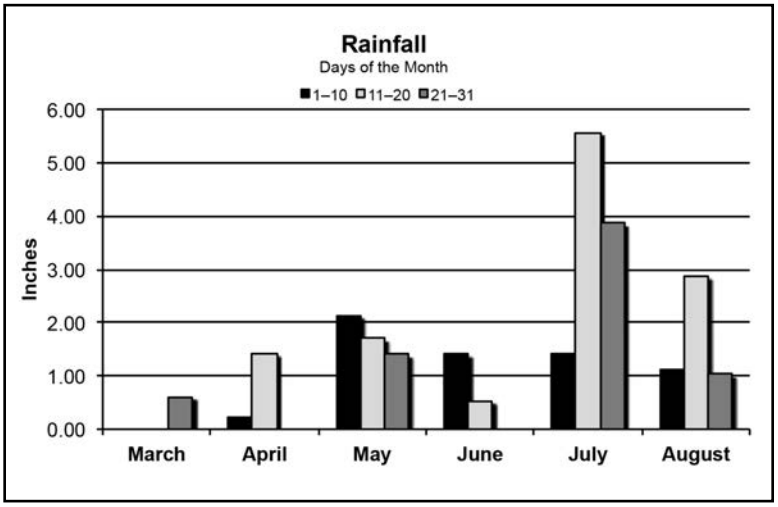

Table 9. Results from 75 corn hybrids grown without irrigation on a Brooksville silty clay soil at the MAFES Black Belt Branch, Brooksville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Croplan Genetics	8410 VT3/P	121.0	90.8	—	32	16.3	29
Croplan Genetics	6926VT3/P	119.1	80.8	—	27	17.3	30
DEKALB	DKC 66-86	116.0	—	—	28	15.9	31
Pioneer	33N58	106.4	—	—	34	18.6	28
DEKALB	DKC 69-29	105.3	72.1	—	23	17.9	34
DEKALB	DKC 61-88	101.6	80.1	—	23	15.3	33
Delta Grow	DG 3660	101.1	—	—	33	19.1	29
Croplan Genetics	6640VT3P	101.1	—	—	33	16.5	30
Dyna-Gro	D54VP81	99.7	—	—	26	15.8	31
Dyna-Gro	D55VP77	97.8	—	—	30	15.0	33
Croplan Genetics	8621VT3P	97.6	—	—	32	15.9	27
NK Brand	N78S-3111	97.2	—	—	32	17.8	26
REV	REV 25BHR63™	97.1	—	—	26	16.5	29
Dyna-Gro	D56VP10	95.7	75.8	—	30	17.3	30
Golden Acres	GA28V81	94.4	—	—	32	17.2	31

Table 9 (continued). Results from 75 corn hybrids grown without irrigation on a Brooksville silty clay soil at the MAFES Black Belt Branch, Brooksville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Delta Grow	DG 4760	94.3	—	—	26	16.6	30
Armor	1133 PRO3	93.5	—	—	26	16.3	31
DEKALB	DKC64-69	93.2	89.8	106.6	27	15.8	31
Dyna-Gro	CX12117	92.2	—	—	31	16.6	33
NK Brand	N77P-3111	91.6	73.5	—	35	18.5	25
DEKALB	DKC 61-06	91.2	60.9	—	26	16.1	32
Armor	1655 PRO2	90.5	—	—	33	16.0	29
AgriGold	A6632VT2 RIB	90.2	—	—	23	16.5	32
Croplan Genetics	6960VT3P	89.9	—	—	23	16.0	29
Golden Acres	GA 27V01	89.8	69.8	—	29	19.4	30
Armor	1262 PRO2	87.4	65.8	—	23	18.5	33
DEKALB	DKC 62-09	87.0	77.7	—	30	15.5	31
REV	REV 28HR30™	86.7	69.9	78.6	32	17.2	31
Armor	1111 PRO3	86.6	—	—	27	15.7	32
Dyna-Gro	52VC91	86.3	—	—	24	15.6	33
Armor	1415 PRO3	85.9	—	—	26	16.3	27
DEKALB	DKC 66-97	84.7	—	—	27	16.0	34
Dyna-Gro	D57VP51	84.3	—	—	29	15.6	32
Pioneer	P2088YHR	84.1	61.4	—	26	16.0	25
AgriGold	A6517VT3 PRO	83.3	—	—	23	17.4	31
Armor	1550 PRO3	83.0	—	—	31	18.1	30
Armor	1330 PRO3	81.1	—	—	26	18.0	29
Armor	1770 PRO3	80.4	—	—	27	15.1	29
Golden Acres	G5531	80.3	—	—	24	15.8	32
Golden Acres	GA 26V21	80.2	73.2	92.5	24	15.3	31
Delta Grow	DG 3788	80.0	72.7	81.6	30	15.5	28
Delta Grow	DG 3588	79.6	—	—	30	14.8	33
REV	REV 26HR23™	79.5	—	—	27	15.8	30
AgriGold	A6679VT2 RIB	79.4	—	—	25	17.0	32
AgriGold	A6489VT3	78.8	66.6	88.0	22	16.3	33
REV	REV 27HR83™	78.6	—	—	31	16.0	28
Delta Grow	DG 4725	78.1	—	—	29	15.5	31
REV	REV 28HR20™	78.0	66.1	83.7	30	17.6	30
NK Brand	N68B-3111	77.9	—	—	28	15.8	24
Pioneer	P1636YHR	77.4	—	—	33	15.8	25
DEKALB	DKC 65-67	77.4	—	—	27	15.6	34
Armor	1880 PRO3	76.7	—	—	26	15.9	29
REV	REV 23RE73™	76.0	—	—	32	17.8	26
AgriGold	A6659VT3 PRO	75.6	—	—	31	15.9	31
DEKALB	DKC 67-57	73.0	58.9	—	23	17.1	32
Pioneer	P1690HR	72.8	—	—	24	15.9	26
AgriGold	A6533VT2 RIB	72.0	—	—	27	15.9	32
AgriGold	A6553VT2 RIB	71.1	—	—	26	16.0	33
REV	REV 22BHR43™	70.9	—	—	26	16.2	28
REV	REV 28R10™	69.8	61.5	91.0	30	15.5	26
DEKALB	DKC 63-87	69.1	72.4	—	29	15.3	34
REV	REV 21HR33™	68.4	—	—	27	15.2	27
REV	REV 24BHR93™	67.1	—	—	23	17.2	27
AgriGold	A6573VT3 PRO	66.1	55.9	—	21	16.1	31
REV	REV 29HR13™	64.6	—	—	30	15.7	27
Pioneer	P1303HR	64.1	—	—	33	15.7	26
Dyna-Gro	D56VP69	63.9	58.4	—	28	15.7	32
REV	REV 26HR50™	63.5	51.4	74.2	27	16.6	27
Delta Grow	DG 6488	61.4	—	—	37	15.4	28
REV	REV 27HR52™	60.8	48.3	—	25	15.3	25
Pioneer	P1615HR	58.5	57.2	75.0	32	17.0	27
Delta Grow	DG 2888	58.3	60.6	75.9	29	16.0	25
Delta Grow	DG 6388	57.6	—	—	32	15.2	35
Delta Grow	DG 2688	56.6	—	—	28	15.3	32
REV	REV 28H29™	50.3	—	—	28	17.2	28
Mean		82.4					
LSD (.10)		16.2					
Error df		222					
CV (%)		16.9					
Rsquare (%)		60					

Chris Ausborn Farm, Aberdeen

Crop Summary

Corn was planted in a timely fashion, and above-average temperatures in early April allowed it to get off to a good start. Above-average temperatures and below-average rainfall caused stress on the plants during June, decreasing yields. However, yields were still respectable despite the June growing conditions.

Soil type	**Houston clay**
Soil pH	**6.8**
Soil fertility	**P=M, K=H**
Fertilizer added	**Preplant — 0-30-20 @ 250 lb/A**
	Sidedress — N @ 200 lb/A (UAN 32%)
Herbicide application	**Preemergence — Lexar @ 1.5 qt/A and Roundup Powermax @ 24 oz/A on March 29**
	Postemergence — Atrazine @ 2 qt/A and Accent @ 0.5 oz/A
Previous crop	**Soybeans**
Planting date	**March 29**
Harvest date	**August 22**

Rainfall Summary

	Inches
March	**0**
April	**4.70**
May	**3.15**
June	**1.10**
July	**12.45**
August	**8.70**
Total	**30.10**

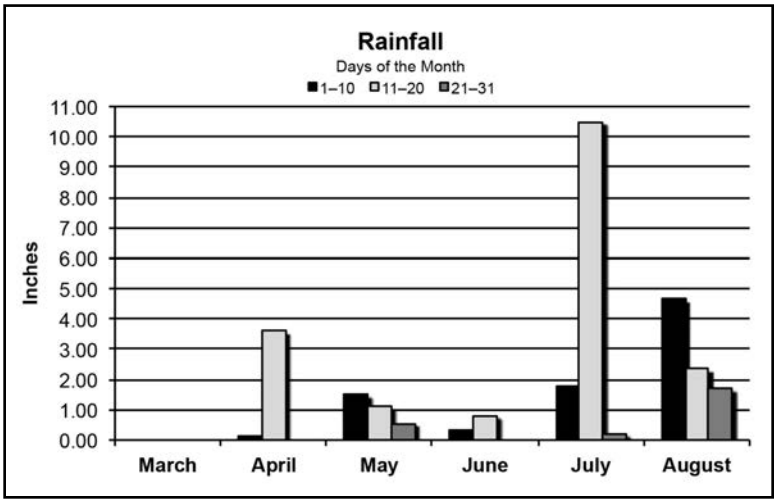

Table 10. Results from 75 corn hybrids grown without irrigation on a Houston clay soil near Aberdeen, Monroe County, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Dyna-Gro	CX12117	162.7	—	—	47	17.8	34
Croplan Genetics	6926VT3/P	153.8	160.6	—	33	17.7	30
Dyna-Gro	D56VP10	147.5	154.8	—	39	18.5	33
REV	REV 26HR50™	147.1	157.5	156.6	41	19.8	29
Armor	1655 PRO2	141.8	—	—	47	17.6	33
REV	REV 26HR23™	140.0	—	—	42	16.3	32
Armor	1111 PRO3	140.0	—	—	39	16.2	34
Armor	1330 PRO3	138.3	—	—	41	16.2	33
Croplan Genetics	6640VT3P	137.7	—	—	38	16.9	31
Delta Grow	DG 3660	137.1	—	—	43	20.8	31
Delta Grow	DG 4760	136.7	—	—	45	19.8	33
Golden Acres	GA28V81	136.4	—	—	32	17.4	32
DEKALB	DKC 66-97	134.9	—	—	34	16.5	35
Armor	1262 PRO2	134.2	152.1	—	39	16.3	32
AgriGold	A6517VT3 PRO	133.1	—	—	36	15.8	33
Armor	1770 PRO3	132.9	—	—	44	16.7	32
AgriGold	A6489VT3	132.6	151.6	155.8	38	16.4	33
Dyna-Gro	52VC91	131.8	—	—	39	16.3	35

Table 10 (continued). Results from 75 corn hybrids grown without irrigation on a Houston clay soil near Aberdeen, Monroe County, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Delta Grow	DG 4725	131.7	—	—	39	16.2	35
DEKALB	DKC 66-86	130.7	—	—	40	17.1	32
DEKALB	DKC 69-29	130.6	149.2	—	35	18.3	34
DEKALB	DKC 61-06	128.6	136.5	—	45	16.4	33
AgriGold	A6553VT2 RIB	127.6	—	—	29	16.1	33
DEKALB	DKC 61-88	126.6	142.8	—	45	16.0	32
AgriGold	A6533VT2 RIB	126.3	—	—	35	15.8	32
Pioneer	P1636YHR	125.3	—	—	45	16.7	27
REV	REV 22BHR43™	124.4	—	—	39	16.8	31
Delta Grow	DG 6488	124.2	—	—	47	16.2	34
Golden Acres	G5531	123.7	—	—	35	17.1	33
DEKALB	DKC 63-87	123.4	135.4	—	39	15.9	34
Dyna-Gro	D55VP77	123.3	—	—	35	16.6	31
DEKALB	DKC64-69	123.2	149.3	151.5	39	16.1	35
Croplan Genetics	8410 VT3/P	122.4	139.9	—	43	16.9	30
Armor	1133 PRO3	121.2	—	—	33	16.0	31
AgriGold	A6573VT3 PRO	121.2	144.5	—	30	15.7	33
Croplan Genetics	8621VT3P	120.5	—	—	44	16.1	30
REV	REV 27HR52™	120.3	137.0	—	36	16.5	29
REV	REV 28R10™	120.3	146.5	151.4	30	17.3	29
DEKALB	DKC 67-57	120.0	142.3	—	39	17.4	33
REV	REV 28H29™	119.9	—	—	42	18.9	30
REV	REV 28HR20™	118.3	154.0	155.3	46	17.9	31
Pioneer	P1303HR	118.1	—	—	46	16.4	30
Pioneer	P1690HR	117.0	—	—	34	17.4	25
REV	REV 23RE73™	115.9	—	—	45	16.5	28
Dyna-Gro	D54VP81	115.8	—	—	36	17.0	33
Pioneer	P2088YHR	115.5	145.9	—	36	17.7	27
Armor	1550 PRO3	115.2	—	—	38	17.1	32
Armor	1415 PRO3	114.9	—	—	37	15.9	31
DEKALB	DKC 65-67	114.3	—	—	37	15.9	30
REV	REV 25BHR63™	113.7	—	—	38	17.1	33
Croplan Genetics	6960VT3P	113.5	—	—	30	17.2	31
Armor	1880 PRO3	113.2	—	—	38	16.8	32
Pioneer	33N58	112.8	—	—	39	16.5	29
REV	REV 24BHR93™	111.4	—	—	40	16.2	32
REV	REV 29HR13™	111.2	—	—	41	16.7	31
AgriGold	A6632VT2 RIB	110.4	—	—	38	15.9	32
NK Brand	N78S-3111	109.7	—	—	41	16.2	30
Pioneer	P1615HR	109.6	139.4	143.5	47	16.3	27
Delta Grow	DG 2888	109.0	128.5	132.3	45	15.9	34
NK Brand	N77P-3111	107.9	130.6	—	35	16.0	27
DEKALB	DKC 62-09	107.2	137.9	—	41	15.9	33
Dyna-Gro	D57VP51	106.3	—	—	44	16.3	34
Dyna-Gro	D56VP69	105.4	137.3	—	42	16.4	32
Delta Grow	DG 6388	105.2	—	—	44	15.4	35
Delta Grow	DG 2688	102.9	—	—	35	16.0	34
AgriGold	A6679VT2 RIB	102.9	—	—	41	17.8	32
NK Brand	N68B-3111	102.4	—	—	34	15.5	28
AgriGold	A6659VT3 PRO	102.2	—	—	43	16.2	31
Golden Acres	GA 27V01	102.0	130.1	—	45	15.8	31
REV	REV 28HR30™	101.0	133.7	137.6	42	17.5	31
REV	REV 27HR83™	100.6	—	—	39	16.5	30
Golden Acres	GA 26V21	100.4	130.1	136.7	43	15.8	33
Delta Grow	DG 3588	92.1	—	—	39	15.1	34
REV	REV 21HR33™	91.2	—	—	41	16.1	30
Delta Grow	DG 3788	90.4	122.9	130.7	44	15.7	34
Mean		120.5					
LSD (.10)		17.8					
Error df		222					
CV (%)		12.7					
Rsquare (%)		56					

MAFES Brown Loam Branch, Raymond

Crop Summary

Corn plots were planted into a freshly tilled seedbed with adequate soil moisture for germination. The plots quickly emerged to a good stand but received very little rainfall from late May through June. This lack of rainfall did not allow for adequate soil moisture, which reduced the crop's yield potential. Below-average yields were observed.

Soil type . . . . . **Loring silt loam**
Soil pH **6.1**
Soil fertility . . . . . **P=M, K=L**
Fertilizer added . . . . . **Preplant — 13-13-13 @ 200 lb/A**
Sidedress — N @ 170 lb/A (Ammonium Nitrate) on May 17
Herbicide application . . . . **Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on April 9**
Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop . . . . . **Wheat**
Planting date . . . . . **April 9**
Harvest date . . . . . **August 16**

Rainfall Summary

	Inches
April	3.93
May	5.25
June	1.71
July	9.38
August	6.20
Total	26.47

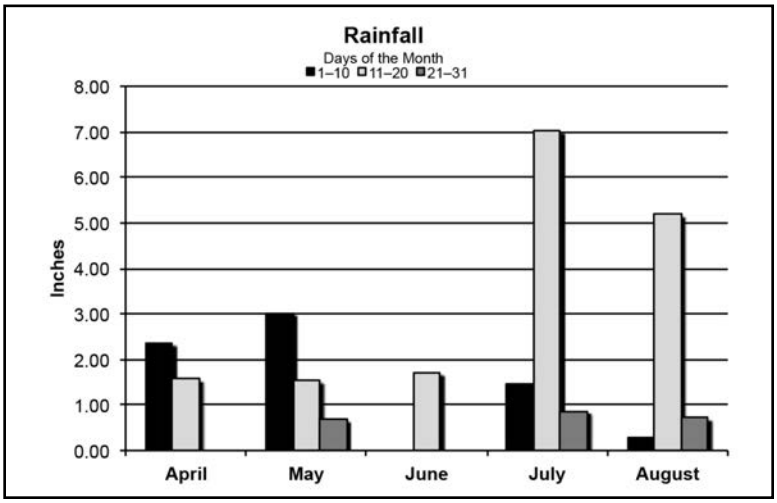

Table 11. Results from 75 corn hybrids grown without irrigation on a Loring silt loam soil at the MAFES Brown Loam Branch, Raymond, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average[1]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
DEKALB	DKC 62-09	119.5	104.4	—	37	21.1	32
Dyna-Gro	D55VP77	118.9	—	—	31	20.7	30
AgriGold	A6659VT3 PRO	115.8	—	—	28	21.2	30
Delta Grow	DG 2688	113.8	—	—	35	22.4	32
DEKALB	DKC64-69	110.5	100.2	112.0	31	20.9	33
Pioneer	33N58	107.7	—	—	31	20.1	28
Armor	1415 PRO3	107.2	—	—	29	20.6	30
DEKALB	DKC 61-06	107.0	92.6	—	34	20.2	32
Dyna-Gro	D56VP69	105.6	87.7	—	29	20.3	33
Armor	1550 PRO3	104.9	—	—	30	20.8	27
AgriGold	A6573VT3 PRO	104.0	89.6	—	28	21.1	32
Croplan Genetics	6640VT3P	103.3	—	—	31	20.7	27
Pioneer	P1636YHR	103.2	—	—	38	20.8	27
NK Brand	N68B-3111	102.6	—	—	33	21.4	22
AgriGold	A6489VT3	102.5	89.8	101.2	24	19.3	34
Golden Acres	G5531	102.4	—	—	32	20.7	29

Table 11 (continued). Results from 75 corn hybrids grown without irrigation on a Loring silt loam soil at the MAFES Brown Loam Branch, Raymond, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average[1]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Dyna-Gro	D56VP10	101.4	87.0	—	30	19.8	30
REV	REV 28HR30™	100.8	71.0	88.1	41	23.8	32
DEKALB	DKC 66-97	100.5	—	—	21	20.9	30
Armor	1655 PRO2	99.9	—	—	31	19.8	29
REV	REV 22BHR43™	99.6	—	—	27	21.4	24
Dyna-Gro	CX12117	99.5	—	—	26	21.6	28
AgriGold	A6533VT2 RIB	99.4	—	—	29	19.8	30
Delta Grow	DG 6388	99.4	—	—	41	19.0	30
DEKALB	DKC 65-67	99.0	—	—	33	20.5	34
Armor	1262 PRO2	97.4	78.7	—	31	22.1	30
AgriGold	A6517VT3 PRO	97.1	—	—	33	21.8	32
Croplan Genetics	6960VT3P	96.7	—	—	26	20.3	30
DEKALB	DKC 67-57	96.4	94.4	—	30	20.1	30
AgriGold	A6679VT2 RIB	96.0	—	—	26	23.8	27
DEKALB	DKC 63-87	95.4	85.5	—	34	21.7	32
REV	REV 26HR50™	94.8	75.0	89.6	37	22.2	31
Dyna-Gro	D54VP81	93.6	—	—	28	21.9	31
DEKALB	DKC 66-86	92.5	—	—	32	20.4	32
REV	REV 21HR33™	92.2	—	—	23	21.0	27
DEKALB	DKC 69-29	92.1	100.4	—	39	20.3	32
Croplan Genetics	6926VT3/P	91.9	92.7	—	32	20.2	27
Armor	1133 PRO3	91.8	—	—	21	19.8	29
Croplan Genetics	8410 VT3/P	91.4	93.4	—	28	22.3	29
Delta Grow	DG 4725	91.4	—	—	26	20.5	29
Pioneer	P2088YHR	91.4	72.8	—	40	20.0	25
Delta Grow	DG 6488	91.0	—	—	31	22.2	29
AgriGold	A6553VT2 RIB	90.6	—	—	31	19.7	33
Delta Grow	DG 4760	90.4	—	—	28	17.9	29
Armor	1770 PRO3	89.1	—	—	31	21.4	30
REV	REV 28HR20™	88.9	69.1	94.0	38	21.4	30
REV	REV 27HR52™	88.5	65.3	—	33	21.8	28
Dyna-Gro	52VC91	88.0	—	—	31	20.0	34
DEKALB	DKC 61-88	87.9	84.4	—	37	19.6	29
Armor	1880 PRO3	87.6	—	—	35	22.5	29
Croplan Genetics	8621VT3P	87.6	—	—	27	21.1	29
Golden Acres	GA28V81	87.0	—	—	28	20.3	32
NK Brand	N77P-3111	86.8	74.5	—	28	21.7	23
AgriGold	A6632VT2 RIB	85.6	—	—	29	21.0	30
Armor	1330 PRO3	85.5	—	—	28	19.8	29
Dyna-Gro	D57VP51	85.2	—	—	36	19.5	31
NK Brand	N78S-3111	84.5	—	—	32	19.7	21
Golden Acres	GA 26V21	83.5	71.7	96.1	34	20.9	31
Armor	1111 PRO3	83.5	—	—	31	18.8	30
REV	REV 27HR83™	83.0	—	—	31	20.6	30
Pioneer	P1615HR	82.2	73.0	83.0	29	21.2	29
REV	REV 28H29™	81.9	—	—	46	20.5	29
REV	REV 26HR23™	79.3	—	—	25	19.9	30
REV	REV 28R10™	78.7	59.3	85.9	32	19.5	30
Delta Grow	DG 3588	78.5	—	—	34	19.4	34
REV	REV 23RE73™	76.8	—	—	30	20.5	23
REV	REV 24BHR93™	76.2	—	—	26	20.9	28
Golden Acres	GA 27V01	75.4	63.3	—	27	22.8	31
Delta Grow	DG 2888	75.3	66.5	77.1	25	19.6	25
Pioneer	P1303HR	74.1	—	—	36	20.5	26
Delta Grow	DG 3660	73.9	—	—	27	21.3	30
Pioneer	P1690HR	73.4	—	—	40	20.2	31
Delta Grow	DG 3788	71.7	65.4	71.3	32	20.5	33
REV	REV 29HR13™	65.1	—	—	26	22.1	29
REV	REV 25BHR63™	62.8	—	—	30	20.2	28
Mean		92.1					
LSD (.10)		22.2					
Error df		148					
CV (%)		17.9					
Rsquare (%)		44.5					

Crop Summary

Wet soil conditions delayed planting until late March. The study was planted into good moisture, germinated well, and had good early growth. Our critical production period saw extremely dry conditions and average temperatures in the upper 90s to 100s. June 11 was the last significant rain for 28 days. Grain production was significantly reduced due to this hot, dry period. Harvest was not affected by weather.

Soil type . . . . . **Prentiss very fine sandy loam**
Soil pH **5.8**
Soil fertility . . . . . **P=H+, K=M**
Fertilizer added . . . . . **Preplant — 2 tons/A of lime and 120 lb of 0-0-60**
Sidedress — N @ 300 lb/A (33-0-0-S) on March 21 and N @ 300 lb/A (33-0-0-S) on April 11
Herbicide application . . . **Preemergence — Lexar @ 3 qt/A and Roundup Powermax @ 24 oz/A on March 29**
Previous crop . . . . . **Soybeans**
Planting date . . . . . **March 29**
Harvest date . . . . . **August 14**

Rainfall Summary

	Inches
March	7.90
April	2.15
May	6.38
June	5.28
July	12.19
August	10.33
Total	44.23

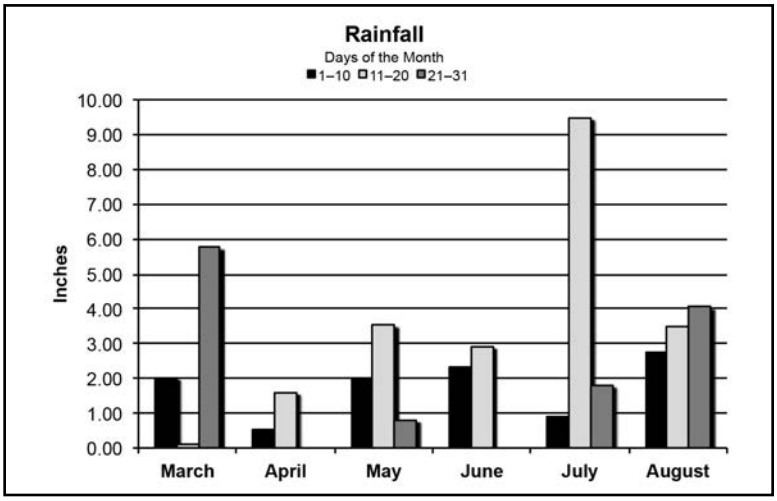

Table 12. Results from 75 corn hybrids grown without irrigation on a Prentiss very fine sandy loam soil near Newton.

Brand name	Hybrid number	2012 yield	2-year average[1]	3-year average[2]	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
Croplan Genetics	6960VT3P	121.5	—	—	30	16	19.1	30
REV	REV 22BHR43™	119.4	—	—	38	0	19.3	28
DEKALB	DKC 69-29	118.4	—	—	47	0	18.5	33
Croplan Genetics	6926VT3/P	111.2	—	—	32	0	21.5	30
Pioneer	P1636YHR	109.0	—	—	33	0	16.6	26
Dyna-Gro	CX12117	105.5	—	—	34	0	21.2	32
Armor	1550 PRO3	104.7	—	—	36	0	18.2	33
Delta Grow	DG 4725	104.5	—	—	40	0	16.2	34
Dyna-Gro	52VC91	104.4	—	—	39	0	17.4	35
REV	REV 25BHR63™	102.5	—	—	38	0	17.7	30
AgriGold	A6553VT2 RIB	102.2	—	—	44	0	16.0	33
REV	REV 21HR33™	101.4	—	—	35	0	16.6	30
AgriGold	A6679VT2 RIB	101.1	—	—	33	0	19.4	34
Pioneer	P2088YHR	100.3	—	—	37	0	19.5	25
Delta Grow	DG 3660	100.2	—	—	40	4	20.9	33

[1]No 2-year averages.
[2]No 3-year averages.

Table 12 (continued). Results from 75 corn hybrids grown without irrigation on a Prentiss very fine sandy loam soil near Newton.

Brand name	Hybrid number	2012 yield	2-year average[1]	3-year average[2]	Ear height	Stalk lodging	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	*%*	
DEKALB	DKC64-69	100.1	—	—	38	0	17.4	34
REV	REV 23RE73™	99.7	—	—	38	0	17.6	28
DEKALB	DKC 61-06	99.5	—	—	40	0	17.5	35
Croplan Genetics	6640VT3P	99.5	—	—	46	7	17.1	31
REV	REV 27HR52™	99.4	—	—	36	0	17.4	29
AgriGold	A6632VT2 RIB	99.3	—	—	39	0	16.2	34
Armor	1330 PRO3	99.3	—	—	40	1	18.2	33
NK Brand	N78S-3111	98.8	—	—	35	0	16.5	27
Croplan Genetics	8621VT3P	97.9	—	—	40	0	17.9	30
DEKALB	DKC 65-67	97.8	—	—	29	0	16.2	34
REV	REV 24BHR93™	97.5	—	—	36	0	18.8	32
Dyna-Gro	D54VP81	97.4	—	—	38	0	16.4	34
Armor	1111 PRO3	97.4	—	—	36	13	16.8	32
Delta Grow	DG 6488	96.3	—	—	40	0	18.2	31
AgriGold	A6659VT3 PRO	94.0	—	—	30	0	17.6	35
Pioneer	33N58	92.9	—	—	28	0	18.1	26
REV	REV 26HR50™	91.4	—	—	33	0	20.8	28
Pioneer	P1690HR	90.7	—	—	42	0	18.1	25
Dyna-Gro	D55VP77	89.9	—	—	30	0	19.3	33
Pioneer	P1303HR	89.5	—	—	39	0	16.7	26
NK Brand	N68B-3111	89.3	—	—	44	0	16.6	26
DEKALB	DKC 67-57	88.7	—	—	34	0	18.6	31
Golden Acres	GA28V81	88.1	—	—	42	0	18.7	30
Delta Grow	DG 4760	87.2	—	—	37	2	19.0	33
DEKALB	DKC 61-88	87.1	—	—	44	10	17.4	33
Delta Grow	DG 2888	86.8	—	—	38	0	16.4	34
Armor	1133 PRO3	86.2	—	—	43	0	16.8	32
Dyna-Gro	D56VP10	86.1	—	—	32	0	17.9	32
REV	REV 26HR23™	84.9	—	—	30	0	17.4	30
AgriGold	A6517VT3 PRO	84.8	—	—	38	3	16.6	32
Croplan Genetics	8410 VT3/P	84.4	—	—	36	0	17.2	30
Armor	1655 PRO2	82.7	—	—	33	0	19.3	32
Golden Acres	GA 27V01	82.7	—	—	42	0	17.6	30
NK Brand	N77P-3111	82.2	—	—	38	7	19.0	26
Armor	1880 PRO3	82.2	—	—	32	0	17.4	32
Golden Acres	G5531	81.8	—	—	32	0	17.1	34
AgriGold	A6533VT2 RIB	81.3	—	—	36	2	16.0	33
AgriGold	A6489VT3	80.7	—	—	37	0	17.3	34
REV	REV 28H29™	79.9	—	—	30	0	18.6	30
REV	REV 29HR13™	79.6	—	—	38	0	18.2	29
Delta Grow	DG 3788	78.7	—	—	32	0	16.6	34
DEKALB	DKC 62-09	78.7	—	—	32	0	19.6	33
Armor	1262 PRO2	77.9	—	—	36	0	16.3	33
Golden Acres	GA 26V21	76.9	—	—	33	0	19.8	34
DEKALB	DKC 66-97	76.7	—	—	38	0	17.1	32
REV	REV 28R10™	75.8	—	—	40	0	19.3	29
Armor	1770 PRO3	75.0	—	—	33	0	18.9	34
Dyna-Gro	D57VP51	74.7	—	—	36	0	18.1	33
Pioneer	P1615HR	74.7	—	—	33	0	17.9	27
Delta Grow	DG 6388	74.1	—	—	38	7	15.9	35
REV	REV 28HR20™	72.5	—	—	32	0	20.5	30
REV	REV 27HR83™	72.1	—	—	35	20	16.8	27
REV	REV 28HR30™	72.0	—	—	27	0	17.3	30
DEKALB	DKC 66-86	71.6	—	—	34	0	18.8	32
Delta Grow	DG 3588	71.3	—	—	38	0	16.0	33
Delta Grow	DG 2688	71.3	—	—	41	2	16.8	34
Armor	1415 PRO3	70.0	—	—	38	0	17.2	26
DEKALB	DKC 63-87	65.4	—	—	32	0	16.3	34
Dyna-Gro	D56VP69	54.4	—	—	44	0	16.5	34
AgriGold	A6573VT3 PRO	49.7	—	—	38	0	16.9	33
Mean		88.7						
LSD (.10)		15.9						
Error df		222						
CV (%)		15.4						
Rsquare (%)		66						

[1]No 2-year averages.
[2]No 3-year averages.

MAFES Delta Branch, Stoneville (Sharkey Clay)

Crop Summary

Corn plots were planted into a stale seedbed with good soil moisture. All plots quickly emerged to a good stand. Dry weather conditions were observed during the early portion of the growing season. Timely irrigations throughout the season allowed for good yields. Harvest was completed with no weather delays.

Soil type . . . . . **Sharkey clay**
Soil pH **7.3**
Soil fertility . . . . . **P=H, K=H**
Fertilizer added . . . . . **Sidedress — N @ 130 lb/A (32% UAN) on April 10 and N @ 120 lb/A (32% UAN) on May 4**
Herbicide application . . . . **Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 28**
Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 11
Previous crop . . . . . **Corn**
Planting date . . . . . **March 28**
Harvest date . . . . . **August 27**
Irrigation . . . . . **May 16, May 26, June 25, July 27, August 6**

Rainfall Summary

	Inches
March	0.09
April	4.19
May	2.03
June	6.39
July	4.57
August	1.23
Total	18.50

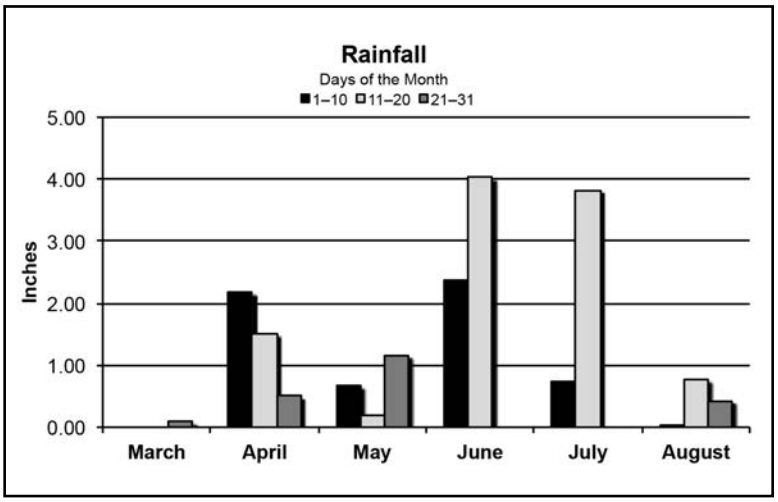

Table 13. Results from 77 corn hybrids grown with furrow irrigation on a Sharkey clay soil at MAFES Delta Branch, Stoneville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
AgriGold	A6659VT3 PRO	212.4	—	—	36	15.9	34
Pioneer	P2023HR	210.9	214.4	192.2	40	15.8	34
Croplan Genetics	6640VT3P	209.4	—	—	38	15.6	35
DEKALB	DKC 66-97	208.3	—	—	35	15.6	36
Delta Grow	DG 3660	206.9	—	—	40	16.2	33
AgriGold	A6517VT3 PRO	205.2	—	—	32	15.5	34
B-H Genetics	XP8845VT3P	204.2	—	—	39	15.8	33
Delta Grow	DG 4760	203.3	—	—	34	15.8	32
REV	REV 28R10™	202.1	211.0	186.1	39	15.8	29
Armor	1880 PRO3	200.9	—	—	36	15.8	33
AgriGold	A6632VT2 RIB	199.8	—	—	35	15.4	34
B-H Genetics	X11140 VT3P	199.0	—	—	42	15.9	34
AgriGold	A6533VT2 RIB	197.9	—	—	38	15.3	33
AgriGold	A6573VT3Pro	197.4	201.8	—	39	15.4	33

Table 13 (continued). Results from 77 corn hybrids grown with furrow irrigation on a Sharkey clay soil at MAFES Delta Branch, Stoneville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
DEKALB	DKC 61-06	197.2	200.9	—	37	15.6	35
DEKALB	DKC 69-29	197.1	207.9	—	40	15.9	33
Dyna-Gro	D57VP51	196.1	—	—	39	15.9	33
REV	REV 26HR50™	196.0	209.4	186.0	42	16.0	29
Croplan Genetics	8621VT3P	195.3	—	—	35	15.5	33
Croplan Genetics	8410 VT3/P	194.8	202.0	—	39	15.8	34
Croplan Genetics	6960VT3P	194.8	—	—	37	15.8	33
B-H Genetics	BH 8895VTTP	194.7	199.1	173.3	34	15.4	32
REV	REV 29HR13™	194.7	—	—	38	15.7	30
Croplan Genetics	6926VT3/P	194.6	200.2	—	38	15.8	35
DEKALB	DKC 67-57	194.5	185.7	—	35	16.1	34
REV	REV 24BHR93™	194.0	—	—	37	15.5	30
AgriGold	A6489VT3	193.8	196.5	187.0	37	15.6	36
Dyna-Gro	D55VP77	193.7	—	—	32	15.8	34
REV	REV 23RE73™	193.2	—	—	37	15.5	28
Pioneer	P2088YHR	192.8	210.8	—	39	15.3	31
NK Brand	N78S-3111	192.8	193.6	—	37	15.7	33
Dyna-Gro	CX12117	192.6	—	—	46	15.9	35
Golden Acres	G5531	191.8	—	—	39	15.9	34
REV	REV 26HR23™	191.8	—	—	47	15.5	32
AgriGold	A6679VT2 RIB	191.3	—	—	38	16.0	34
Dyna-Gro	D54VP81	191.1	—	—	44	15.8	35
NK Brand	N72F3000GT	190.7	198.9	—	36	15.5	33
Armor	1111 PRO3	189.9	—	—	38	15.6	33
REV	REV 25BHR63™	189.8	—	—	35	16.0	31
REV	REV 28H29™	189.8	—	—	33	15.9	30
Dyna-Gro	D56VP69	189.6	209.1	—	41	16.0	34
DEKALB	DKC 63-87	189.3	197.5	—	36	15.5	35
AgriGold	A6553VT2 RIB	189.1	—	—	41	15.4	32
NK Brand	N74R 3000 GT	189.1	—	—	45	15.8	33
DEKALB	DKC 61-88	189.0	189.1	—	37	15.4	35
B-H Genetics	BH 8630VTTP	189.0	—	—	41	15.9	34
REV	REV 22BHR43™	188.9	—	—	42	15.6	30
REV	REV 28HR30™	188.7	197.3	175.9	41	15.8	32
Dyna-Gro	D56VP10	188.7	—	—	31	15.8	34
Pioneer	P1615HR	188.3	202.0	177.3	29	15.8	34
Delta Grow	DG 6388 GTCBLL	188.3	—	—	37	15.3	33
Delta Grow	DG 2688 GTCBLL	188.0	—	—	30	16.0	35
Armor	1330 PRO3	187.7	—	—	38	15.4	33
Pioneer	P1739HR	186.1	—	—	44	15.6	31
Armor	1770 PRO3	186.0	—	—	35	15.7	32
DEKALB	DKC 62-09	185.6	193.5	—	44	15.5	34
DEKALB	DKC 66-86	184.2	—	—	36	15.6	33
Armor	1550 PRO3	184.1	—	—	35	16.0	33
Armor	1133 PRO3	182.9	—	—	36	15.3	33
REV	REV 28HR20™	182.3	209.1	185.9	40	15.7	31
DEKALB	DKC64-69	181.0	192.0	181.4	30	15.8	32
Pioneer	P1745HR	180.8	201.8	187.1	33	15.5	32
Delta Grow	DG 4725	180.1	—	—	35	15.6	33
Golden Acres	GA 27V01	178.7	188.4	—	42	15.7	33
REV	REV 27HR52™	178.4	194.7	—	36	15.6	30
Armor	1262 PRO2	178.4	189.4	—	38	15.5	30
REV	REV 21HR33™	177.8	—	—	43	15.2	30
Dyna-Gro	52VC91	177.3	—	—	39	15.6	35
REV	REV 27HR83™	175.5	—	—	36	15.6	30
Delta Grow	DG 6488 GTCBLL	174.0	—	—	38	15.6	35
Armor	1415 PRO3	173.6	—	—	39	15.6	26
B-H Genetics	BH 8740VTTP	173.3	—	—	38	15.7	29
Armor	1655 PRO2	170.1	—	—	37	15.6	31
DEKALB	DKC 65-67	168.7	—	—	42	15.4	34
Delta Grow	DG 3588 GTCBLL	168.5	—	—	38	15.2	34
Delta Grow	DG 2888	165.4	172.7	161.0	34	15.8	34
Delta Grow	DG 3788 GTCBLL	162.7	—	—	44	15.8	33
Mean		189.7					
LSD (.10)		17.3					
Error df		228.0					
CV (%)		7.8					
Rsquare (%)		44.5					

MAFES Delta Branch, Stoneville

Crop Summary

Corn plots were planted into a well-prepared seedbed with good soil moisture. All plots quickly emerged to a good stand. Dry weather conditions were observed during the early portion of the growing season. Timely irrigations at critical points throughout the season allowed for excellent yields. Harvest was completed with no weather delays.

Soil type . . . . . **Dundee very fine sandy loam**
Soil pH **6.4**
Soil fertility . . . . . **P=H, K=H**
Fertilizer added . . . . . **Sidedress — N @ 130 lb/A (32% UAN) on April 10 and N @ 120 lb/A (32% UAN) on May 4**
Herbicide application . . . . **Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on March 28**
Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 11
Previous crop . . . . . **Soybeans**
Planting date . . . . . **March 28**
Harvest date . . . . . **August 27**
Irrigation . . . . . **May 16, May 26, June 25, July 27, August 6**

Rainfall Summary

	Inches
March	0.09
April	4.19
May	2.03
June	6.39
July	4.57
August	1.23
Total	18.50

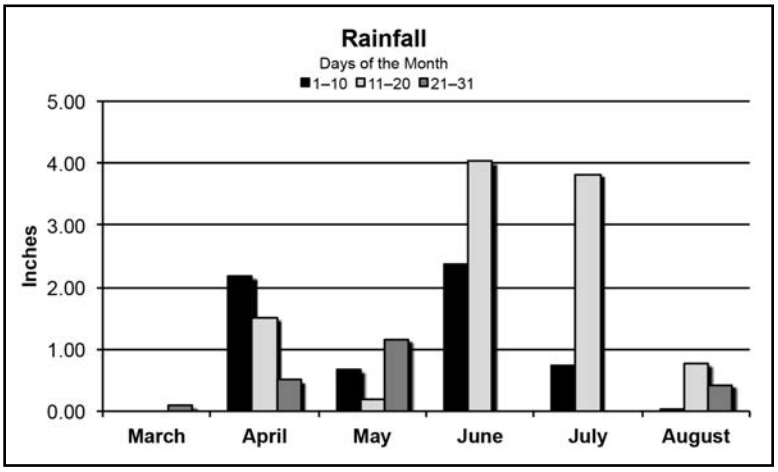

Table 14. Results from 77 corn hybrids grown with furrow irrigation on a Dundee very fine sandy loam soil at the MAFES Delta Branch Station, Stoneville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
AgriGold	A6533VT2 RIB	250.4	—	—	33	15.7	33
DEKALB	DKC 62-09	247.7	238.5	—	43	15.6	35
Golden Acres	G5531	245.3	—	—	47	16.2	35
B-H Genetics	BH 8895VTTP	243.0	235.8	231.5	38	15.8	29
REV	REV 26HR50™	240.6	236.2	239.4	43	16.5	29
Dyna-Gro	D57VP51	240.2	—	—	41	16.0	32
DEKALB	DKC 66-97	238.4	—	—	37	15.8	33
B-H Genetics	BH 8630VTTP	238.0	—	—	43	16.1	35
Dyna-Gro	D56VP69	237.5	230.6	—	38	16.5	32
Croplan Genetics	6960VT3P	236.5	—	—	48	15.8	32
AgriGold	A6659VT3 PRO	236.0	—	—	38	16.2	33
AgriGold	A6632VT2 RIB	235.9	—	—	34	15.8	31
DEKALB	DKC 63-87	235.4	226.3	—	41	15.6	32
DEKALB	DKC64-69	235.2	231.4	231.3	48	15.6	36
B-H Genetics	XP8845VT3P	235.1	—	—	40	15.8	34

Table 14 (continued). Results from 77 corn hybrids grown with furrow irrigation on a Dundee very fine sandy loam soil at the MAFES Delta Branch Station, Stoneville, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Golden Acres	GA 27V01	234.8	222.1	—	38	15.9	32
Dyna-Gro	D54VP81	234.3	—	—	47	15.8	30
Delta Grow	DG 4760	233.8	—	—	41	15.9	33
NK Brand	N78S-3111	232.7	225.1	—	45	16.0	32
DEKALB	DKC 61-06	232.3	221.5	—	38	15.8	34
Dyna-Gro	52VC91	232.2	—	—	45	15.7	32
Pioneer	P2023HR	232.1	233.6	233.5	50	15.9	32
Armor	1550 PRO3	232.0	—	—	48	15.8	30
Croplan Genetics	8410 VT3/P	232.0	229.4	—	46	16.1	32
REV	REV 28HR30™	231.7	226.4	229.0	44	17.2	30
AgriGold	A6573VT3Pro	230.8	225.8	—	52	15.6	35
AgriGold	A6489VT3	229.7	222.2	219.1	45	15.8	35
REV	REV 28HR20™	228.6	221.2	224.7	45	16.0	28
Pioneer	P1739HR	228.6	—	—	44	16.0	32
B-H Genetics	X11140 VT3P	228.4	—	—	49	15.8	30
Dyna-Gro	D55VP77	228.3	—	—	44	15.9	31
REV	REV 29HR13™	227.0	—	—	42	16.0	32
Delta Grow	DG 2888	226.7	218.2	202.7	39	16.1	32
AgriGold	A6553VT2 RIB	225.3	—	—	35	15.7	32
AgriGold	A6679VT2 RIB	225.1	—	—	45	16.2	33
REV	REV 26HR23™	224.9	—	—	47	16.2	30
Pioneer	P2088YHR	224.9	238.2	—	47	15.9	29
Pioneer	P1745HR	224.3	232.3	237.9	44	15.8	30
Croplan Genetics	8621VT3P	223.6	—	—	39	15.7	34
Armor	1133 PRO3	222.9	—	—	42	15.7	31
Armor	1262 PRO2	221.9	219.6	—	40	16.0	33
Dyna-Gro	CX12117	221.5	—	—	47	15.8	31
Pioneer	P1615HR	220.8	233.5	230.3	40	16.1	33
REV	REV 24BHR93™	220.8	—	—	40	15.9	33
AgriGold	A6517VT3 PRO	220.1	—	—	40	16.0	27
Croplan Genetics	6640VT3P	219.9	—	—	44	16.1	33
Delta Grow	DG 3788 GTCBLL	219.5	—	—	40	16.3	34
Armor	1415 PRO3	218.8	—	—	38	16.5	34
Armor	1330 PRO3	218.2	—	—	48	15.7	34
Delta Grow	DG 2688 GTCBLL	217.9	—	—	42	16.5	33
DEKALB	DKC 61-88	217.3	217.5	—	47	15.8	34
REV	REV 27HR83™	216.9	—	—	40	15.8	34
DEKALB	DKC 69-29	216.0	215.6	—	44	16.0	33
DEKALB	DKC 66-86	215.8	—	—	53	15.7	27
REV	REV 25BHR63™	214.8	—	—	37	15.8	30
NK Brand	N72F3000GT	214.6	216.8	—	45	15.9	30
Delta Grow	DG 6488 GTCBLL	214.5	—	—	46	16.0	31
REV	REV 28R10™	214.1	213.8	222.9	46	16.1	28
Delta Grow	DG 6388 GTCBLL	213.3	—	—	36	15.6	34
Delta Grow	DG 3588 GTCBLL	212.9	—	—	35	15.6	36
REV	REV 23RE73™	211.7	—	—	41	15.7	30
REV	REV 21HR33™	211.7	—	—	45	15.6	30
Armor	1655 PRO2	210.8	—	—	49	15.9	31
Armor	1880 PRO3	210.7	—	—	47	15.9	30
Delta Grow	DG 3660	210.5	—	—	44	17.5	32
DEKALB	DKC 67-57	210.3	214.9	—	43	16.0	28
Dyna-Gro	D56VP10	209.8	—	—	46	16.1	33
NK Brand	N74R 3000 GT	209.8	—	—	50	16.1	28
REV	REV 27HR52™	209.0	212.1	—	42	16.0	27
Armor	1111 PRO3	208.9	—	—	50	15.8	32
REV	REV 22BHR43™	208.2	—	—	40	15.8	35
Armor	1770 PRO3	208.1	—	—	44	15.6	30
Delta Grow	DG 4725	202.2	—	—	37	16.3	33
REV	REV 28H29™	199.1	—	—	43	16.2	31
DEKALB	DKC 65-67	197.7	—	—	44	15.6	32
B-H Genetics	BH 8740VTTP	197.4	—	—	48	15.8	28
Croplan Genetics	6926VT3/P	195.9	207.5	—	46	15.8	21
Mean		227.0					
LSD (.10)		20.4					
Error df		228.0					
CV (%)		7.7					
Rsquared (%)		42.6					

Charlie Darden Farm, Near Rolling Fork

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	Sidedress — N @ 225 lb/A (30-0-0-2)
Herbicide application	Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on April 9 Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop	Corn
Planting date	April 9
Harvest date	August 23
Irrigation	Furrow-irrigated as needed

Rainfall Summary

	Inches
April	3.69
May	2.94
June	6.18
July	5.17
August	4.81
Total	22.79

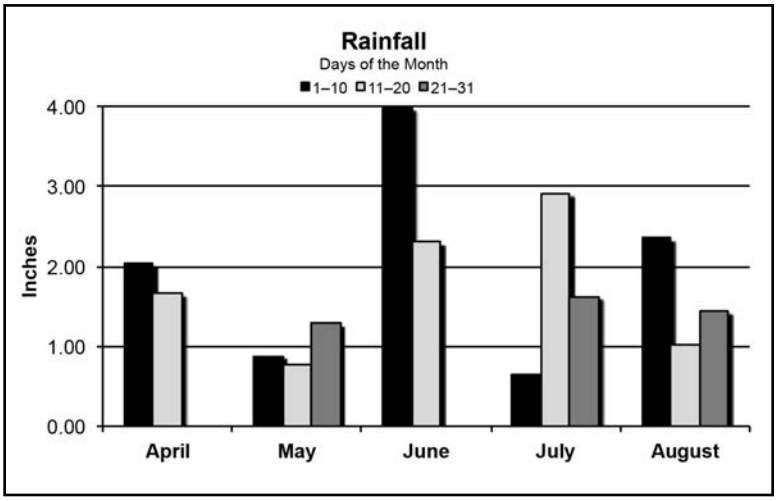

Table 15. Results from 77 corn hybrids grown with furrow irrigation on a Commerce silty clay loam soil near Rolling Fork, 2012.

Brand name	Hybrid number	2012 yield	2-year average[1]	3-year average[2]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
REV	REV 28HR20™	245.6	—	—	38	20.5	30
Dyna-Gro	D57VP51	221.5	—	—	35	20.0	33
DEKALB	DKC 62-09	219.8	—	—	32	17.2	33
Pioneer	P2023HR	219.3	—	—	40	19.3	32
AgriGold	A6533VT2 RIB	217.8	—	—	40	17.5	31
Armor	1655 PRO2	216.4	—	—	49	17.7	31
Delta Grow	DG 2888	216.3	—	—	30	19.9	33
DEKALB	DKC 66-97	216.3	—	—	40	18.2	30
Croplan Genetics	6640VT3P	216.1	—	—	39	18.1	33
Armor	1111 PRO3	215.5	—	—	32	18.2	33
AgriGold	A6573VT3Pro	214.7	—	—	47	17.7	31
B-H Genetics	BH 8630VTTP	214.1	—	—	42	19.5	33
NK Brand	N78S-3111	213.0	—	—	46	21.5	33
Dyna-Gro	D55VP77	212.8	—	—	47	18.0	34
REV	REV 28R10™	211.6	—	—	49	20.0	29
AgriGold	A6517VT3 PRO	211.4	—	—	48	18.1	33

[1]No 2-year averages.
[2]No 3-year averages.

Table 15 (continued). Results from 77 corn hybrids grown with furrow irrigation on a Commerce silty clay loam soil near Rolling Fork, 2012.

Brand name	Hybrid number	2012 yield	2-year average[1]	3-year average[2]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Golden Acres	G5531	211.0	—	—	39	18.5	32
NK Brand	N72F3000GT	210.8	—	—	45	17.6	32
Delta Grow	DG 2688 GTCBLL	210.3	—	—	45	23.6	32
REV	REV 22BHR43™	210.3	—	—	43	18.0	31
Pioneer	P1739HR	210.2	—	—	35	20.5	31
Pioneer	P1745HR	209.1	—	—	49	19.1	34
REV	REV 29HR13™	208.7	—	—	39	20.5	30
Croplan Genetics	6960VT3P	208.2	—	—	35	19.1	34
Pioneer	P1615HR	207.9	—	—	44	19.8	34
DEKALB	DKC 69-29	207.5	—	—	46	19.3	34
AgriGold	A6679VT2 RIB	207.4	—	—	53	19.1	32
Croplan Genetics	8621VT3P	206.2	—	—	33	17.7	32
AgriGold	A6489VT3	205.7	—	—	41	18.1	31
AgriGold	A6659VT3 PRO	205.4	—	—	38	20.2	31
NK Brand	N74R 3000 GT	204.9	—	—	46	20.3	33
Delta Grow	DG 3660	204.9	—	—	39	21.6	30
REV	REV 26HR50™	204.8	—	—	36	20.8	29
Armor	1880 PRO3	204.8	—	—	44	17.1	33
REV	REV 21HR33™	203.6	—	—	46	16.8	31
Croplan Genetics	8410 VT3/P	202.9	—	—	42	19.3	32
Armor	1550 PRO3	201.9	—	—	47	18.3	32
Dyna-Gro	D54VP81	201.9	—	—	50	17.7	32
Croplan Genetics	6926VT3/P	201.6	—	—	44	18.1	33
Dyna-Gro	CX12117	200.5	—	—	40	17.3	32
DEKALB	DKC 63-87	199.7	—	—	29	17.4	33
Armor	1330 PRO3	199.7	—	—	40	16.4	30
Delta Grow	DG 6488 GTCBLL	199.4	—	—	39	18.6	32
DEKALB	DKC 67-57	198.9	—	—	44	19.8	32
Dyna-Gro	52VC91	198.6	—	—	35	17.0	35
DEKALB	DKC 66-86	198.3	—	—	49	17.6	31
B-H Genetics	BH 8895VTTP	197.5	—	—	38	19.5	31
Delta Grow	DG 6388 GTCBLL	197.5	—	—	37	17.3	34
REV	REV 27HR83™	197.4	—	—	47	18.9	30
Armor	1415 PRO3	196.4	—	—	36	21.8	30
REV	REV 23RE73™	195.2	—	—	44	17.1	30
REV	REV 27HR52™	194.5	—	—	38	20.0	31
REV	REV 26HR23™	194.5	—	—	40	16.8	24
Delta Grow	DG 4760	194.4	—	—	49	19.9	34
REV	REV 24BHR93™	193.8	—	—	33	18.9	26
B-H Genetics	XP8845VT3P	193.5	—	—	36	18.2	31
B-H Genetics	BH 8740VTTP	193.3	—	—	46	19.1	28
REV	REV 28HR30™	192.9	—	—	40	22.4	31
REV	REV 28H29™	192.4	—	—	36	22.2	32
Armor	1262 PRO2	192.3	—	—	39	18.2	31
Armor	1770 PRO3	189.4	—	—	33	19.0	30
Pioneer	P2088YHR	188.3	—	—	43	18.7	30
REV	REV 25BHR63™	187.5	—	—	37	21.1	25
Dyna-Gro	D56VP69	187.4	—	—	47	20.3	34
DEKALB	DKC64-69	186.9	—	—	39	18.5	32
DEKALB	DKC 61-88	186.1	—	—	33	16.5	30
AgriGold	A6632VT2 RIB	184.9	—	—	49	19.2	33
B-H Genetics	X11140 VT3P	184.4	—	—	48	18.1	34
Dyna-Gro	D56VP10	181.3	—	—	44	18.9	32
Delta Grow	DG 3788 GTCBLL	177.5	—	—	40	21.1	33
DEKALB	DKC 65-67	177.1	—	—	38	18.5	33
Armor	1133 PRO3	175.6	—	—	42	16.5	30
Delta Grow	DG 4725	171.7	—	—	36	22.9	33
Delta Grow	DG 3588 GTCBLL	170.9	—	—	42	18.4	32
Golden Acres	GA 27V01	170.7	—	—	43	19.8	32
DEKALB	DKC 61-06	168.6	—	—	40	17.4	33
AgriGold	A6553VT2 RIB	167.1	—	—	40	18.9	33
Mean		200.0					
LSD (.10)		23.7					
Error df		228.0					
CV (%)		10.1					
Rsquare (%)		41.3					

[1]No 2-year averages.
[2]No 3-year averages.

Ricky Belk Farms, Minter City

Crop Summary

On April 3, the corn was planted into a good seedbed. It received adequate rainfall that night and emerged on a timely basis to a uniform stand. The field had excellent weed control and no insect problems. Corn harvest was slightly delayed by 4 inches of rainfall on August 14, but it was still timely on August 24.

Soil type	**Mix of Dundee silt loam and Tensas silty clay**
Soil pH	**6.4**
Soil fertility	**P=H, K=H**
Fertilizer added	**Preplant — 260 lb of 0-25-23 plus zinc, N @ 14 lb/A applied with planter** **Sidedress — N @ 115 lb/A (Urea) on April 9, N @ 125 lb/A (32% UAN) on May 2 and 46 lb/A (Urea) at tassel.**
Herbicide application	**Preemergence — Lexar @ 2 qt/A and Roundup Powermax @ 24 oz/A on April 3** **Postemergence — Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 11**
Previous crop	**Corn**
Planting date	**April 3**
Harvest date	**August 24**
Irrigation	**Furrow-irrigated as needed**

Rainfall Summary

	Inches
April	**1.20**
May	**3.00**
June	**1.90**
July	**6.10**
August	**6.30**
Total	**18.50**

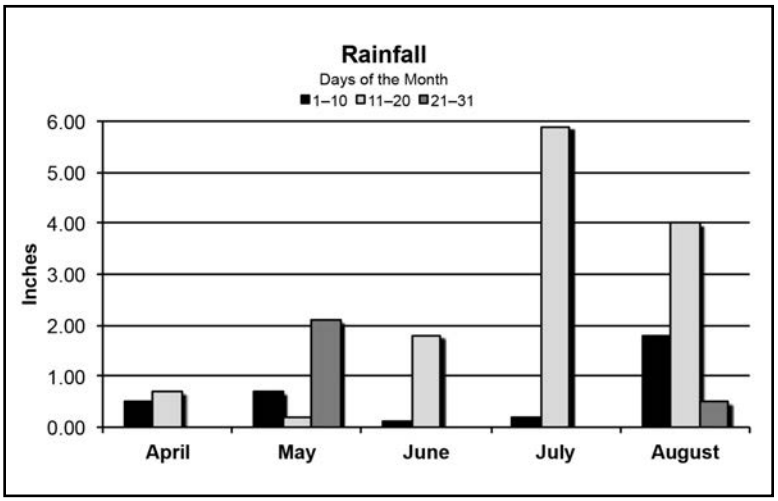

Table 16. Results from 77 corn hybrids grown with furrow irrigation on a mixture of Dundee silt loam and Tensas silty clay soil near Minter City, 2012.

Brand name	Hybrid number	2012 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
DEKALB	DKC 66-97	242.6	—	—	44	16.3	35
Pioneer	P1615HR	242.3	204.9	209.8	49	17.0	35
Pioneer	P2023HR	240.1	205.6	201.0	50	17.1	32
REV	REV 26HR50™	238.8	205.0	202.4	43	17.8	30
Delta Grow	DG 2888	237.0	191.3	199.6	39	17.1	35
Croplan Genetics	6640VT3P	235.0	—	—	41	16.4	35
REV	REV 28HR20™	233.2	204.8	206.3	44	16.8	32
Armor	1550 PRO3	232.3	—	—	37	16.8	33
REV	REV 23RE73™	231.5	—	—	41	16.2	31
Croplan Genetics	6926VT3/P	230.9	201.3	—	51	16.3	35
B-H Genetics	BH 8630VTTP	230.9	—	—	42	17.1	36
DEKALB	DKC 63-87	230.2	199.3	—	45	15.9	35
DEKALB	DKC64-69	229.8	192.5	186.5	50	16.6	36
Delta Grow	DG 3660	229.6	—	—	46	19.7	32
Pioneer	P1739HR	228.7	—	—	40	17.1	34
REV	REV 28HR30™	228.6	192.6	196.3	50	20.1	32

Table 16 (continued). Results from 77 corn hybrids grown with furrow irrigation on a mixture of Dundee silt loam and Tensas silty clay soil near Minter City, 2012.

Brand name	Hybrid number	2012 yield	2-year average[1]	3-year average[2]	Ear height	Moisture content	Harvested population (x1000)
		bu/A	*bu/A*	*bu/A*	*in*	*%*	
Croplan Genetics	6960VT3P	228.2	—	—	43	16.9	35
Armor	1880 PRO3	228.1	—	—	34	16.3	32
Dyna-Gro	D54VP81	228.1	—	—	51	16.7	34
Pioneer	P1745HR	227.6	204.2	197.9	44	17.1	34
REV	REV 28R10™	227.5	202.1	203.8	46	17.0	31
REV	REV 26HR23™	225.3	—	—	50	16.1	24
Dyna-Gro	CX12117	223.9	—	—	42	16.4	32
AgriGold	A6489VT3	223.8	192.1	189.8	42	16.4	36
REV	REV 29HR13™	223.3	—	—	31	17.2	30
Delta Grow	DG 2688 GTCBLL	223.2	—	—	39	18.9	35
REV	REV 27HR83™	223.1	—	—	47	16.7	31
Armor	1111 PRO3	221.7	—	—	53	16.0	34
B-H Genetics	XP8845VT3P	221.6	—	—	38	16.8	35
DEKALB	DKC 62-09	221.4	198.5	—	38	16.0	35
AgriGold	A6517VT3 PRO	221.3	—	—	37	16.5	34
Croplan Genetics	8410 VT3/P	220.5	197.1	—	46	16.8	35
REV	REV 21HR33™	220.5	—	—	51	16.3	32
Dyna-Gro	D57VP51	220.3	—	—	47	16.6	35
NK Brand	N74R 3000 GT	219.8	—	—	47	16.9	35
AgriGold	A6659VT3 PRO	218.9	—	—	38	16.6	33
DEKALB	DKC 61-06	218.4	180.1	—	46	16.2	35
Armor	1330 PRO3	218.2	—	—	51	15.9	33
Delta Grow	DG 4760	217.9	—	—	39	17.8	32
REV	REV 24BHR93™	217.9	—	—	43	16.8	15
Armor	1133 PRO3	217.6	—	—	52	15.8	32
REV	REV 28H29™	217.5	—	—	38	19.1	31
DEKALB	DKC 69-29	217.3	202.1	—	50	16.6	34
AgriGold	A6533VT2 RIB	216.2	—	—	30	16.0	34
B-H Genetics	BH 8895VTTP	216.0	190.9	190.3	41	16.4	31
DEKALB	DKC 67-57	216.0	196.7	—	54	16.6	35
NK Brand	N72F3000GT	215.1	198.1	—	57	16.2	33
Golden Acres	G5531	214.7	—	—	43	16.5	36
Dyna-Gro	D56VP10	213.2	—	—	44	16.6	34
Dyna-Gro	52VC91	212.5	—	—	51	16.0	35
REV	REV 22BHR43™	212.5	—	—	40	16.6	30
Armor	1262 PRO2	212.4	193.0	—	44	16.5	32
B-H Genetics	X11140 VT3P	212.1	—	—	47	16.7	35
Croplan Genetics	8621VT3P	212.1	—	—	40	15.9	32
Armor	1770 PRO3	211.3	—	—	38	16.0	33
AgriGold	A6679VT2 RIB	210.4	—	—	50	18.4	36
Golden Acres	GA 27V01	210.3	201.5	—	45	17.9	31
Delta Grow	DG 6488 GTCBLL	209.6	—	—	47	16.7	34
AgriGold	A6573VT3Pro	209.1	190.2	—	50	16.3	33
DEKALB	DKC 66-86	208.7	—	—	53	16.5	33
Dyna-Gro	D56VP69	207.5	162.0	—	52	18.5	34
AgriGold	A6553VT2 RIB	207.3	—	—	29	16.1	35
AgriGold	A6632VT2 RIB	207.2	—	—	43	16.6	35
Delta Grow	DG 3588 GTCBLL	206.7	—	—	41	15.6	34
Delta Grow	DG 6388 GTCBLL	205.4	—	—	43	15.6	34
REV	REV 27HR52™	205.3	195.5	—	45	17.4	30
DEKALB	DKC 61-88	204.8	191.4	—	48	15.7	36
Dyna-Gro	D55VP77	202.8	—	—	46	16.2	35
Armor	1415 PRO3	202.5	—	—	45	16.8	28
NK Brand	N78S-3111	202.2	184.7	—	46	16.8	34
Delta Grow	DG 3788 GTCBLL	201.4	—	—	35	17.6	35
Pioneer	P2088YHR	200.5	194.1	—	55	16.7	31
B-H Genetics	BH 8740VTTP	198.1	—	—	49	15.9	32
DEKALB	DKC 65-67	196.9	—	—	42	15.9	35
Delta Grow	DG 4725	194.7	—	—	30	18.2	34
REV	REV 25BHR63™	194.1	—	—	40	18.7	23
Armor	1655 PRO2	189.3	—	—	48	16.4	32
Mean		217.0					
LSD (.10)		19.9					
Error df		228.0					
CV (%)		17.9					
Rsquare (%)		57.8					

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