

Table 1. Characteristics provided by sponsoring companies for corn hybrids entered in the Mississippi Corn for Grain Hybrid Trails, 2014.

Company	Hybrid¹	Trait²	Planting rate (×1000)	Seed treatment	Days to maturity
AgriGold Hybrids 5381 Akin Road St. Francisville, IL 62460 618-292-5844	A6499VT2RIB	VT2PRO	32	Poncho 500+Votivo	112
	A6501VT2RIB	VT2PRO	32	Poncho 500+Votivo	112
	A6517VT3PRIB	VT2PRO	32	Poncho 500+Votivo	113
	A6559VT2RIB	VT2PRO	32	Poncho 500+Votivo	113
	A6573VT2RIB	VT2PRO	32	Poncho 500+Votivo	114
	A6574STX	VT2PRO	32	Poncho 500+Votivo	114
	A6659VT2RIB	VT2PRO	32	Poncho 500+Votivo	116
	A6687VT2PRO	VT2PRO	32	Poncho 500+Votivo	117
	A6719VT2PRO	VT2PRO	32	Poncho 500+Votivo	118
Armor Seed P.O. Box 9 Waldenburg, AR 72475 662-719-3157	<i>AXT3111</i>	VTPRO2	32	Acceleron, Poncho/Votivo	111
	1330 PRO2	VTPRO2	32	Poncho/Votivo Acceleron,	113
	1414 PRO2	VTPRO2	32	Poncho/Votivo Acceleron,	114
	1550 PRO2	VTPRO2	32	Poncho/Votivo Acceleron,	115
	1555 PRO2	VTPRO2	32	Poncho/Votivo Acceleron,	115
	1616 PRO3	VTPRO3	32	Poncho/Votivo Acceleron,	116
	<i>AXT4116 PRO3</i>	VTPRO3	32	Poncho/Votivo Acceleron,	116
	<i>AXC3117</i>	VTPRO3	32	Poncho/Votivo Acceleron,	117
	<i>AXC3117A</i>	VTPRO2	32	Poncho/Votivo Acceleron,	117
	1880 PRO2	VTPRO2	32	Poncho/Votivo Acceleron,	118
	<i>AXC4119 PRO2</i>	VTPRO2	32	Poncho/Votivo	119
	Augusta Seed P.O. Box 899 Verona, VA 24482 540-255-5901	7768GT3110	RR BT EW	32	Cruiser Maxx Corn 250
7767VT3 PRO		RR BT	32	Cruiser Maxx 1250	117
5566GTCBLL		GT CB LL	32	Cruiser Maxx 1250	116
8868VT3 PRO		RR BT RW	32	Cruiser Maxx Corn 250	118
8064VT2 PRO		RR BT RW	32	Cruiser Maxx Corn 250	114
B-H Genetics 5933 FM 1157 Ganado, TX 77962 361-771-2755		BH 8660VTTP	Genuity VT3P Genuity	34	Acceleron 500
	BH 8700SS	SmartStax	34	Acceleron 500	115
	BH 8735VT2P	Genuity VT2P	34	Acceleron 500	117

Crop Production Services 125 Robinson Road Houston, MS 38851 662-456-5003					
D53VC13	VT2P	34	Acceleron 500	113	
D53VC55	VT2P	34	Acceleron 500	113	
D55VP77	VT2P	34	Acceleron 500	115	
D56VC46	VT2P	34	Acceleron 500	116	
D57VP51	VT2P	34	Acceleron 500	117	
D57VP75	VT2P	34	Acceleron 500	117	
Delta Grow Seed P.O. Box 219 England, AR 72046 501-842-2572					
2888	GTCBLLBL	35	Avicta Complete	117	
3660	GTCBLLBL	35	Avicta Complete	118	
2863	GTCBLLBC	35	Avicta Complete	115	
2688	GTCBLL	35	Avicta Complete	118	
Croplan by Winfield 115 West Race Street Rolling Fork, MS 662-907-1970					
6640	VT3P/RIB	32/36	Poncho 250	113	
6926	VT3P/RIB	32	Poncho 250	114	
7927	VT3P/RIB	36	Poncho 250	117	
Golden Acres Genetics P.O. Box 579 Buchanan Dam, TX 78609 512-793-5205					
G4598	VT3P	34	Poncho 1250+Votivo	114	
G5531	VT3P	34	Poncho 1250+Votivo	115	
G5621	VT3P	34	Poncho 1250+Votivo	115	
G6611	VT3P	34	Poncho 1250+Votivo	116	
G6641	VT3P	34	Poncho 1250+Votivo	116	
26V21	VT3P	34	Poncho 1250+Votivo	115	
27V01	VT3P	32	Poncho 1250+Votivo	117	
7672	VT3P	32	Poncho 1250+Votivo	117	
Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167 601-317-2661					
DKC62-08	SMARTSTAX	34	Poncho 1250+Votivo	112	
DKC64-69	VT3P	34	Poncho 1250+Votivo	114	
DKC69-29	VT3P	36	Poncho 1250+Votivo	119	
DKC68-92	VT2P	34	Poncho 1250+Votivo	118	
DKC66-97	VT2P	36	Poncho 1250+Votivo	116	
DKC66-40	SMARTSTAX	34	Poncho 1250+Votivo	116	
DKC6-87	VT2P	34	Poncho 1250+Votivo	116	
DKC67-58	VT2P	34	Poncho 1250+Votivo	117	
DKC65-19	VT3P	34	Poncho 1250+Votivo	115	
DKC63-33	SMARTSTAX	34	Poncho 1250+Votivo	113	
Great Heart Seed 220 West Washington Street St. Paris, IL 61944 815-644-8663					
HT 7778VT3P RIB	-	34	Acceleron 250	117	
HT 7261VT3P RIB	-	34	Acceleron 250	112	
HT 7240VT2P RIB	-	34	Acceleron 250	112	

Syngenta Seeds 112 Meadowlark Lane Indianola, MS 38751 662-207-1604					
	N78S	3111	28/34	Cruiser Maxx 1250	116
	X75976	3000 GT	34	Cruiser Maxx 1250	118
	N83D	3111	28	Cruiser Maxx 1250	118
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254 318-559-2840					
	REV ^R 17HR73 TM	HX1/LL/RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	107
	REV ^R 18BHR84 TM	RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	108
	REV ^R 22BHR43 TM	RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	112
	REV ^R 23BHR55 TM	RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	113
	REV ^R 24BHR93 TM	RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	114
	REV ^R 25BHR44 TM	RR YGCB/HX1/LL/	30	Poncho 1250+Votivo	115
	REV ^R 26BHR50 TM	RR	30	Poncho 1250+Votivo	116
	REV ^R 27BHR83 TM	HX1/LL/RR	30	Poncho 1250+Votivo	117
	REV ^R 28HR20 TM	HX1/LL/RR	30	Poncho 1250+Votivo	118
	REV ^R 28R10 TM	RR	30	Poncho 1250+Votivo	118
Mississippi State University P.O. Box 9555 Mississippi State, MS 39762 662-325-7483					
	<i>Girth XXX</i>	Conv.	34	Apron/Maxim	125
Mycogen 107 Meritt Cove Marion, AR 72364 870-514-8271					
	2C786	SSX	30/36	CruiserMaxx 1250	115
	2C797	SSX	30/36	CruiserMaxx 1250	115
	2H877	SSX	30/36	CruiserMaxx 1250	117
	2V714	SSX	30/36	CruiserMaxx 1250	111
	2Y816	RR2, LL, HX1	30/36	CruiserMaxx 1250	115
	2Y744	RR2, LL, HX1	30/36	CruiserMaxx 1250	113
	X1375153	SSX	30/36	CruiserMaxx 1250	112
	X13809VH	RR2, LL, HX1	30/36	CruiserMaxx 1250	118
	2D848	RR2, LL, HX1	30/36	CruiserMaxx 1250	117
Steyer Seeds P.O. Box 209 Old Fort, OH 44861 419-355-6708					
	11604	VT2PRORIBC	34	Cruiser Maxx Corn 250	116
	11407	VT2PRORIBC	34	Cruiser Maxx Corn 250	114
	11103	VT2PRORIBC	34	Cruiser Maxx Corn 250	111
	11406	VT2PRORIBC	34	Cruiser Maxx Corn 250	114
Progeny AG Products 1529 Hwy 193 Wynne, AR 72396 870-238-2079					
	PGY 4114VT2P	GENVT2P	28/32	Acceleron 1250	114
	PGY 4115VT2P	GENVT2P	28/32	Acceleron 1250	115
	PGY 4117VT3P	GENVT2P	28/34	Acceleron 1250	117
	PGY EXP 14SS	GENVT2P	28/34	Acceleron 1250	114
	PGY 5115VT2P	GENVT2P	28/34	Acceleron 1250	115

Table 2. 2014 corn hybrid yield summary for dryland locations.

Brand	Hybrid¹	Aberdeen	Brooksville	Raymond	Overall Average
		bu/A	bu/A	bu/A	bu/A
AgriGold	A6501 VT2 RIB	178.6	185.6	160.8	175.0
AgriGold	A6574 STX	170.4	172.8	163.1	168.8
AgriGold	A6719 VT2P PRO	168.8	175.2	213.7	185.9
AgriGold	A6499 VT2 RIB	162.2	177.5	124.7	154.8
AgriGold	A6517 VT3 PRIB	160.8	203.1	201.3	188.4
AgriGold	A6559 VT2 RIB	152.6	200.1	177.7	176.8
AgriGold	A6573 VT2 RIB	143.3	178.6	158.4	160.1
AgriGold	A6659 VT2 RIB	181.1	172.4	172.6	175.4
AgriGold	A6687 VT2 PRO	163.8	193.0	194.0	183.6
Armor	1330 PRO2	184.1	205.1	126.5	171.9
Armor	1414 PRO2	138.7	189.5	180.7	169.6
Armor	1555 PRO2	195.9	113.7	121.0	143.5
Armor	1616 PRO3	206.8	204.2	165.6	192.2
Armor	1550 PRO2	175.6	184.8	122.1	160.8
Armor	1880 PRO2	158.6	187.3	214.8	186.9
Armor	<i>AXC 3117</i>	186.3	195.1	170.6	184.0
Armor	<i>AXC 3117A</i>	159.1	193.5	241.7	198.1
Armor	<i>AXC 4119 PRO2</i>	205.2	183.5	184.6	191.1
Armor	<i>AXT 3111</i>	178.3	183.2	175.0	178.8
Armor	<i>AXT 4116 PRO3</i>	195.4	197.5	167.9	187.0
Croplan Genetics	6640VT3 PRO/RIB	182.4	197.4	162.1	180.6
Croplan Genetics	6926VT3PRO/RIB	157.6	163.2	151.7	157.5
Dekalb	DKC 63-33	166.7	198.6	126.6	164.0
DEKALB	DKC 66-97	176.4	190.4	184.5	183.8
DEKALB	DKC 67-58	177.7	176.7	184.4	179.6
DEKALB	DKC 68-92	192.8	192.6	175.7	187.0
DEKALB	DKC 62-08	164.3	200.2	154.3	172.9
DEKALB	DKC 64-69	155.0	200.2	163.0	172.7
DEKALB	DKC 65-19	153.6	206.8	115.1	158.5
DEKALB	DKC 66-40	181.7	193.6	202.8	192.7
DEKALB	DKC 66-87	164.7	196.2	200.6	187.2
DEKALB	DKC 69-29	158.6	195.0	187.6	180.4
Delta Grow	DG 2688	182.3	155.6	172.1	170.0
Delta Grow	DG 2863	178.0	206.0	168.0	184.0
Delta Grow	DG 2888	171.4	190.3	178.8	180.2
Delta Grow	DG 3660	193.9	206.1	198.2	199.4
Dyna-Gro	D53VB55	180.9	199.2	158.3	179.4
Dyna-Gro	D53VC13	150.5	189.6	152.3	164.2
Dyna-Gro	D55VP77	170.0	129.3	115.5	138.3
Dyna-Gro	D56VC46	150.0	191.2	182.9	174.7

Dyna-Gro	D57VP51	188.9	196.5	205.4	196.9
Dyna-Gro	D57VP75	166.5	193.1	239.7	199.8
CATALYST	7672	183.5	183.2	186.8	184.5
Golden Acres	G6641	176.9	213.8	143.0	177.9
Golden Acres	G4598	183.6	202.9	132.4	173.0
Golden Acres	G5621	179.9	128.5	102.0	136.8
GOLDEN ACRES	GA 27V01	175.1	184.0	195.1	184.7
MSU	<i>Girth XXX</i>	161.6	153.0	170.9	161.8
Mycogen	2C786	181.1	196.4	199.4	192.3
Mycogen	2C797	167.3	200.7	191.9	186.6
Mycogen	2H877	163.0	182.4	203.5	183.0
Mycogen	2V714	157.2	190.0	186.5	177.9
Mycogen	2Y816	165.3	193.5	178.5	179.1
Mycogen	<i>X13728 VX</i>	172.0	190.0	160.9	174.3
Mycogen	<i>X13751 S3</i>	163.5	185.5	181.0	176.7
Mycogen	<i>X13809 VH</i>	128.7	159.4	183.3	157.1
Mycogen	<i>X13826 S2</i>	143.6	189.4	178.6	170.5
NK Brand	N78S-3111	173.7	201.6	161.9	179.0
NK Brand	<i>X75976</i>	185.3	184.4	192.9	187.5
Progeny	PGY 4114 VT2P	163.0	182.0	129.2	158.1
Progeny	PGY 4117 VT2P	172.8	181.6	135.2	163.2
Progeny	<i>PGY EXP 14SS</i>	165.2	195.8	125.6	162.2
Progeny	PGY 5115 VT2	181.4	187.6	94.0	154.3
REV®	17HR73TM	181.1	198.0	98.4	159.1
REV®	REV® 24BHR93™	180.2	194.3	197.8	190.8
REV®	REV® 26BHR50™	154.3	226.0	202.2	194.2
REV®	REV® 27HR83™	165.9	192.4	182.9	180.4
REV®	REV® 28HR20™	185.5	166.7	240.1	197.4
REV®	REV® 28R10™	164.5	160.5	238.7	187.9
REV®	REV® 18BHR84™	176.2	188.7	159.1	174.7
REV®	REV® 25BHR44™	132.7	174.7	213.2	173.5
REV®	REV® 22BHR84™	180.4	205.2	166.7	184.1
REV®	REV®23BHR55™	163.8	203.4	205.0	190.8
Steyer	11103 VT2 PRO RIBC	189.7	177.8	144.4	170.6
Steyer	11406 GENSS RIBC	155.0	198.1	152.2	168.4
Steyer	11407 VT2PRO RIBC	170.3	135.2	131.6	145.7
Steyer	11604 VT2 PRO RIBC	150.3	194.1	165.4	169.9
Mean		170.4	186.5	170.7	175.9
LSD		19.9	20.5	31.4	
Error df		228	228	76	
CV		10	9.5	11	

R^2	55.2	62.5	86.2	
¹ Hybrid in italics denotes an experimental entry				

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

Brand	Hybrid ¹	Aberdeen	Brooksville
		<i>bu/A</i>	<i>bu/A</i>
AgriGold	A6501 VT2 RIB	158.9	155.3
AgriGold	A6517 VT3 PRIB	145.7	160.5
AgriGold	A6559 VT2 RIB	146.8	165.9
AgriGold	A6687 VT2 PRO	169.7	159.6
Armor	1880 PRO2	161.3	155.0
Croplan	6640VT3 PRO/RIB	176.7	170.3
Croplan	6926VT3PRO/RIB	156.2	145.9
Dekalb	DKC 62-08	160.1	164.5
Dekalb	DKC 64-69	147.2	158.3
Dekalb	DKC 65-19	144.9	166.3
Dekalb	DKC 66-40	162.4	169.3
Dekalb	DKC 66-87	158.8	166.2
Dekalb	DKC 66-97	168.5	168.5
Dekalb	DKC 67-58	174.6	158.6
Dekalb	DKC 69-29	147.0	159.9
Delta Grow	DG 2888	151.9	141.6
Delta Grow	DG 3660	169.6	164.2
Dyna-Gro	D53VC13	150.0	153.0
Dyna-Gro	D55VP77	158.5	131.1
Dyna-Gro	D57VP51	163.2	154.7
Dyna-Gro	D57VP75	161.3	162.7
Golden Acres	G6641	163.6	175.8
Golden Acres	GA 27V01	160.1	153.1
MSU	<i>Girth XXX</i>	153.3	128.1
Mycogen	2C786	177.8	167.0
Mycogen	2V714	167.3	169.9
Mycogen	2Y816	148.6	144.2
NK Brand	N78S-3111	157.4	154.6

REV®	REV® 17HR73™	163.1	164.6
REV®	REV® 18BHR84™	164.3	157.0
REV®	REV® 24BHR93™	166.7	164.1
REV®	REV® 25BHR44™	147.9	153.1
REV®	REV® 26BHR50™	146.4	178.2
REV®	REV® 27HR83™	156.1	158.7
REV®	REV® 28HR20™	176.0	154.5
REV®	REV® 28R10™	156.3	153.5
Steyer	11604 VT2 PRO RIBC	156.5	161.2
Overall Mean		159.3	158.6

¹Hybrid in italics denotes an experimental entry

Brand	Hybrid	Aberdeen	Brooksville
		<i>bu/A</i>	<i>bu/A</i>
AgriGold	A6517 VT3 PRIB	141.5	134.8
Armor	1880 PRO2	145.3	128.9
Croplan	6640VT3 PRO/RIB	163.7	147.2
Croplan	6926VT3PRO/RIB	155.4	136.9
Dekalb	DKC 64-69	139.2	136.6
Dekalb	DKC 66-97	157.3	140.6
Dekalb	DKC 69-29	141.5	141.7
Delta Grow	DG 2888	137.6	113.9
Delta Grow	DG 3660	158.8	143.2
Dyna-Gro	D55VP77	146.8	120.0
Dyna-Gro	D57VP51	144.2	131.2
Golden Acres	GA 27V01	140.8	132.0
NK Brand	N78S-3111	141.5	135.5
REV®	REV® 24BHR93™	148.3	131.8
REV®	REV® 27HR83™	137.6	132.0
REV®	REV® 28HR20™	156.8	129.0
REV®	REV® 28R10™	144.3	125.6
Overall Mean		147.1	133.0



Table 5. 2014 corn hybrid yield summary for irrigated locations

Brand	Hybrid ¹	Macon	Minter City	Rolling		Overall	
				Fork	Stoneville (clay)		Stoneville (loam)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
AgriGold	A 6501 VT2 RIB	237.9	231.5	234.5	187.4	221.9	222.6
AgriGold	A 6574 STX	220.2	246.3	214.9	207.4	241.2	226.0
AgriGold	A 6719 VT2 PRO	240.4	245.5	244.4	222.4	243.0	239.2
AgriGold	A6499 VT2 RIB	233.9	241.3	234.9	179.3	233.9	224.7
AgriGold	A6517 VT3P RIB	254.9	198.7	225.2	215.0	251.6	229.1
AgriGold	A6559 VT2 RIB	245.7	230.4	225.9	186.6	242.9	226.3
AgriGold	A6573 VT2 RIB	243.0	207.8	226.1	196.7	223.5	219.4
AgriGold	A6659 VT2 RIB	214.0	231.6	219.4	194.4	235.9	219.1
AgriGold	A6687VT2 PRO	244.1	255.0	249.1	204.5	247.5	240.0
Armor	1330 PRO2	254.0	229.8	237.2	181.9	245.5	229.7
Armor	1414 PRO2	246.8	261.7	251.8	201.4	243.5	241.0
Armor	1555 PRO2	201.7	220.3	218.7	202.0	262.6	221.1
Armor	1616 PRO3	226.5	233.4	228.8	194.5	237.7	224.2
Armor	1550 PRO2	222.2	217.2	233.6	174.3	239.8	217.4
Armor	1880 PRO2	231.0	242.2	250.0	204.3	242.8	234.1
Armor	AXC 3117	235.7	231.9	233.2	193.6	236.3	226.1
Armor	AXC 3117A	263.4	262.7	237.2	219.1	259.9	248.5
Armor	AXC 4119 PRO2	232.2	237.2	242.6	219.2	224.2	231.1
Armor	AXT 3111	223.7	231.5	230.1	201.5	242.8	225.9
Armor	AXT 4116 PRO3	236.9	230.8	249.4	188.0	229.0	226.8
Augusta	5566 GTCBLL	237.5	218.7	221.6	198.9	228.9	221.1
Augusta	7767 VT3PRO	255.9	235.4	228.4	212.7	256.8	237.8
Augusta	7768 GT3110	261.8	269.4	277.2	233.6	272.6	262.9
Augusta	8064 VT2 PRO RIB	228.6	204.2	232.7	171.5	236.4	214.7
Augusta	8868 VT3 PRO	242.7	248.5	250.4	220.3	274.2	247.2
B-H Genetics	BH 8660 VTTP	245.0	243.1	245.6	207.4	246.1	237.5
B-H Genetics	BH 8700 SS	206.7	234.7	240.1	211.1	255.8	229.7
B-H Genetics	BH 8735 VT2P	233.1	258.0	245.9	230.2	276.1	248.7
Croplan	6640	249.9	249.8	259.4	225.4	271.6	251.2
Croplan	7927	259.9	278.8	265.7	226.2	268.2	259.8

Dekalb	DKC 63-33	254.6	231.1	237.6	192.4	238.3	230.8
Dekalb	DKC 66-97	255.1	253.2	240.5	211.2	231.7	238.4
Dekalb	DKC 67-58	239.7	251.1	243.5	191.3	228.4	230.8
Dekalb	DKC 68-92	232.0	239.0	225.8	213.5	243.5	230.8
Dekalb	DKC 62-08	229.1	238.9	222.0	213.3	252.4	231.1
Dekalb	DKC 64-69	234.6	236.0	240.5	218.8	252.0	236.4
Dekalb	DKC 65-19	249.2	234.8	213.1	198.6	249.4	229.0
Dekalb	DKC 66-40	267.6	264.0	229.1	216.6	272.3	249.9
Dekalb	DKC 66-87	253.0	259.4	258.6	217.5	257.6	249.2
Dekalb	DKC 69-29	251.3	249.3	244.4	202.8	258.4	241.2
Delta Grow	DG 2688	177.2	217.6	193.3	192.6	239.5	204.0
Delta Grow	DG 2863 VIP	249.1	279.1	272.7	227.9	284.4	262.6
Delta Grow	DG 2888 VIP	244.7	252.8	248.8	203.0	241.0	238.1
Delta Grow	DG 3660	242.9	215.0	228.6	227.5	264.3	235.7
Dyna-Gro	D53VB55	248.8	242.5	253.7	175.7	248.4	233.8
Dyna-Gro	D53VC13	219.9	235.4	240.2	197.0	224.1	223.3
Dyna-Gro	D55VP77	194.1	232.4	240.0	187.4	248.4	220.5
Dyna-Gro	D56VC46	252.0	251.1	224.6	204.1	259.9	238.3
Dyna-Gro	D57VP51	222.4	240.0	218.9	216.5	243.4	228.2
Dyna-Gro	D57VP75	238.8	261.9	271.4	212.5	256.6	248.3
CATALYST	7672	226.5	211.4	206.4	206.9	264.6	223.2
Golden Acres	G6611	241.1	248.2	255.0	203.0	254.7	240.4
Golden Acres	G5531	257.1	231.3	248.6	203.3	260.4	240.1
Golden Acres	26V21	207.8	186.0	220.5	197.9	226.2	207.7
Golden Acres	27V01	213.5	199.7	222.0	186.2	254.3	215.1
Great Heart Seed	HT 7240 VT2P RIB	244.5	227.5	228.1	180.6	236.9	223.5
Great Heart Seed	HT 7261 VT3P RIB	248.3	232.4	236.6	199.6	245.8	232.6
Great Heart Seed	HT 7778 VT3P RIB	248.1	261.5	268.5	233.0	268.8	256.0
Mycogen	2C786	230.9	219.0	239.3	202.0	226.5	223.5
Mycogen	2C797	245.8	220.3	241.8	202.0	234.4	228.9
Mycogen	2H877	233.4	215.7	198.8	208.2	241.2	219.5
Mycogen	2Y816	247.9	219.9	213.7	178.6	250.1	222.0
Mycogen	X13728 VX	220.1	213.8	230.5	206.3	268.3	227.8
Mycogen	X13751 S3	225.0	210.3	211.4	180.0	230.8	211.5
Mycogen	X13809 VH	212.3	242.4	229.3	193.4	236.0	222.7
Mycogen	X13826 S2	250.5	235.2	225.8	206.5	253.9	234.4
NK Brand	N78S-3111	247.9	223.9	247.0	196.3	261.1	235.2
NK Brand	N83D-3000GT	238.0	228.8	235.2	204.4	233.2	227.9
Progeny	PGY 4114 VT2P	254.4	242.8	241.5	172.2	256.4	233.5
Progeny	PGY 4117 VT3P	235.0	236.9	252.3	184.4	247.9	231.3
Progeny	PGY EXP 14SS	227.0	200.1	225.9	205.1	231.1	217.8
Progeny	PGY 5115 VT2	243.3	221.1	235.2	193.5	245.4	227.7
REV®	17HR73TM	210.7	209.1	223.6	178.6	213.0	207.0
REV®	REV® 22BHR43™	235.2	212.6	237.7	182.9	244.3	222.6

REV®	REV® 24BHR93™	218.7	247.7	268.6	220.0	255.4	242.1
REV®	REV 26BHR50TM	255.1	252.9	280.3	220.6	268.8	255.5
REV®	REV® 27HR83™	218.5	242.7	237.8	202.9	249.7	230.4
REV®	REV® 28HR20™	215.4	256.7	233.0	217.3	286.1	241.7
REV®	REV® 28R10™	204.6	226.2	222.0	205.0	242.2	220.0
REV®	REV® 18BHR84™	212.0	218.7	213.6	173.9	209.0	205.4
REV®	REV® 25BHR44™	217.6	228.2	225.6	213.8	263.4	229.7
REV®	REV® 23BHR55™	252.3	248.3	257.2	212.7	267.1	247.5
Steyer	11103 VT2 PRO RIBC	219.5	230.6	222.2	179.1	218.0	213.9
Steyer	11406 GENSS RIBC	231.4	242.1	246.8	189.0	227.1	227.3
Steyer	11407 VT2 PRO RIBC	240.4	266.0	221.4	206.2	279.1	242.6
Steyer	11604 VT2 PRO RIBC	242.8	245.8	226.1	187.6	244.7	229.4
Mean		235.6	235.7	236.4	201.9	247.5	231.4
LSD		19.4	18.9	20.4	12.5	20.3	
Error df		255	255	255	255	255	
CV		7.1	6.9	7.4	5.3	7	
R ²		59.9	64.2	56.7	74.2	54.1	
¹ Hybrid in italics denotes an experimental entry							

Table 6. Two-year corn hybrid yield summary for irrigated locations.							
Brand	Hybrid	Macon	Minter City	Rolling Fork	Stoneville (clay)	Stoneville (loam)	Overall Average
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
AgriGold	A6517 VT3 PRIB	233.2	196.1	208.9	193.4	232.9	212.9
AgriGold	A6559VT2RIB	237.1	224.8	217.9	181.2	228.0	217.8
AgriGold	A6687VT2PRO	244.7	239.1	223.9	198.4	246.3	230.5
Armor	1550 PRO2	226.8	207.8	206.7	178.3	236.9	211.3
Armor	1880 PRO2	240.4	221.8	233.7	194.6	242.3	226.6
Augusta	7767 VT3PRO	254.2	224.6	216.6	191.7	255.2	228.5
Augusta	7768 GT3110	257.5	249.6	237.5	213.2	248.0	241.2
B-H Genetics	BH 8660VTTP	240.7	230.2	230.9	194.8	239.4	227.2

B-H Genetics	BH 8735VT2P	241.8	235.1	229.8	212.6	256.0	235.1
Croplan	6640VT3PRO/RIB	255.6	234.9	235.5	207.2	264.2	239.5
Dekalb	DKC62-08	232.2	231.0	214.7	191.0	239.0	221.6
Dekalb	DKC64-69	240.5	218.2	217.7	184.5	230.0	218.2
Dekalb	DKC65-19	247.8	220.7	203.0	181.6	243.9	219.4
Dekalb	DKC66-40	264.5	244.9	214.1	200.0	255.7	235.8
Dekalb	DKC66-87	251.6	238.6	228.7	204.5	247.9	234.3
Dekalb	DKC69-29	247.1	226.8	215.1	195.2	256.2	228.1
Delta Grow	DG 2888	238.3	218.0	208.5	195.0	238.3	219.6
Delta Grow	DG 3660	242.2	209.0	213.7	199.9	253.1	223.6
Dyna-Gro	D53VC13	222.1	213.1	210.3	177.2	213.6	207.3
Dyna-Gro	D55VP77	216.0	229.1	213.7	179.3	245.9	216.8
Dyna-Gro	D57VP51	235.2	220.3	220.4	206.9	239.0	224.4
Dyna-Gro	D57VP75	245.9	244.2	241.7	199.9	249.6	236.2
Golden Acres	G6611	245.3	234.3	227.7	191.7	237.2	227.2
Golden Acres	G5531	245.5	221.6	235.0	190.5	233.6	225.2
Golden Acres	GA 26V21	222.0	195.7	204.0	190.6	232.8	209.0
GOLDEN ACRES	GA 27V01	223.0	199.8	213.7	183.3	248.6	213.7
Great Heart Seed	HT 7240 VT2P RIB	240.3	228.6	221.1	179.5	234.6	220.8
Great Heart Seed	HT 7261 VT3P RIB	244.4	213.6	210.5	186.3	229.0	216.8
Mycogen	2C786	234.1	208.7	220.9	197.5	220.9	216.4
Mycogen	2Y816	241.1	219.3	197.5	180.9	228.5	213.5
NK Brand	N78S-3111	249.5	217.7	226.3	194.7	248.4	227.3
REV®	REV®17HR73™	215.5	200.1	205.6	174.3	208.8	200.8
REV®	REV® 22BHR43™	239.0	206.2	226.3	178.5	249.4	219.9
REV®	REV® 24BHR93™	232.9	235.5	232.2	210.2	254.9	233.1
REV®	REV® 26BHR50™	255.2	227.3	237.6	192.3	247.4	232.0
REV®	REV® 28HR20™	233.1	234.2	218.3	194.7	262.3	228.5
REV®	REV® 28R10™	234.1	224.3	226.6	199.6	258.5	228.6
REV®	REV® 18BHR84™	219.8	216.5	208.0	177.3	224.3	209.2
REV®	REV® 25BHR44™	242.8	217.6	211.9	189.4	258.5	224.0
Overall Mean		239.3	222.5	219.6	192.1	242.0	223.1

Table 7. Three-year corn hybrid summary for irrigated locations.						
Brand	Hybrid	Minter City	Rolling Fork	Stoneville (clay)	Stoneville (loam)	Overall average
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
AgriGold	A6517 VT3 PRIB	204.5	209.7	197.4	228.6	210.1
Croplan	6640 VT3 PRO/RIB	235.0	229.1	207.9	249.4	230.3
Dekalb	DKC64-69	222.0	207.5	183.3	231.7	211.1
Dekalb	DKC69-29	223.7	212.6	195.8	242.8	218.7
Delta Grow	DG 2888	224.4	211.1	185.1	234.4	213.7
Delta Grow	DG 3660	215.9	210.8	202.2	238.9	216.9
Dyna-Gro	D55VP77	220.4	213.4	184.1	240.0	214.5
Dyna-Gro	D57VP51	220.3	220.8	203.3	239.4	220.9
Golden Acres	G5531	219.3	227.0	190.9	237.5	218.7
Golden Acres	27V01	203.3	199.3	181.8	244.0	207.1
NK Brand	N78S-3111	212.5	221.8	194.1	243.2	217.9
REV®	REV® 22BHR43™	208.3	220.9	182.0	235.7	211.7
REV®	REV® 24BHR93™	229.6	219.4	204.8	243.5	224.3
REV®	REV® 28HR20™	233.8	227.4	190.6	251.1	225.7
REV®	REV® 28R10™	225.3	221.6	200.4	243.7	222.8
Overall mean		219.9	216.8	193.6	240.3	217.6

MAFES Black Belt Branch, Brooksville

Crop Summary:

The corn plots were planted into a stale seedbed with adequate moisture for germination. The plots quickly emerged to a good stand. Timely rainfall during the growing season, maintained adequate soil moisture which never allowed the plots to stress. Plots were harvested in a timely manner, without difficulties.

Soil type.....Brooksville Silty Clay

Soil pH.....5.9

Soil Fertility.....P=H, K=M

Fertilizer added..... Preplant - 0-0-60 @ 117 lb/A (Fall applied)

Topdress - N @ 35 lbs/A (33-0-0) on May 12

Sidedress - N @ 185 lbs/A (32% UAN) on May 27

Herbicide application.....Preemergence: Lexar @ 2 qts/A and Gramoxone @ 1 qt/A on April 21

Postemergence: Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 12

(×1000)

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	%		
REV®	REV® 26BHR50™	226.0	178.2	-	41	0	18.2	30
Golden Acres	G6641	213.8	175.8	-	41	0	17.1	33
Dekalb	DKC 65-19	206.8	166.3	-	34	0	16.1	32
Delta Grow	DG 3660	206.1	164.2	143.2	40	0	17.8	32
Delta Grow	DG 2863	206.0	-	-	37	0	19.1	33
REV®	REV® 22BHR84™	205.2	-	-	41	0	17.3	30
Armor	1330 PRO2	205.1	-	-	40	0	16.0	31
Armor	1616 PRO3	204.2	-	-	38	0	17.3	32
REV®	REV®23BHR55™	203.4	-	-	44	0	15.7	30
AgriGold	A6517 VT3 PRIB	203.1	160.5	134.8	34	0	15.1	30
Golden Acres	G4598	202.9	-	-	37	0	15.8	33
NK Brand	N78S-3111	201.6	154.6	135.5	43	0	17.9	25
Mycogen	2C797	200.7	-	-	41	0	17.1	30
Dekalb	DKC 62-08	200.2	164.5	-	56	2	15.8	33
Dekalb	DKC 64-69	200.2	158.3	136.6	42	0	15.9	34
AgriGold	A6559 VT2 RIB	200.1	165.9	-	37	0	15.8	31
Dyna-Gro	D53VB55	199.2	-	-	37	0	16.3	32
Dekalb	DKC 63-33	198.6	-	-	35	0	14.9	32
Steyer	11406 GENSS RIBC	198.1	-	-	32	0	17.4	33
REV®	REV® 17HR73™	198.0	164.6	-	35	0	15.4	30
Armor	AXT 4116 PRO3	197.5	-	-	48	0	15.1	31
Croplan Genetics	6640VT3 PRO/RIB	197.4	170.3	147.2	38	0	14.7	32
Dyna-Gro	D57VP51	196.5	154.7	131.2	41	0	16.6	32
Mycogen	2C786	196.4	167.0	-	47	0	17.3	31
Dekalb	DKC 66-87	196.2	166.2	-	32	0	15.8	33
Progeny	PGY EXP 14SS	195.8	-	-	38	0	16.4	27
Armor	AXC 3117	195.1	-	-	44	0	16.9	31
Dekalb	DKC 69-29	195.0	159.9	141.7	35	0	16.6	34
REV®	REV® 24BHR93™	194.3	164.1	131.8	45	0	16.2	29
Steyer	11604 VT2 PRO RIBC	194.1	161.2	-	33	0	16.4	33
Dekalb	DKC 66-40	193.6	169.3	-	45	0	15.9	33
Armor	AXC 3117A	193.5	-	-	48	0	17.0	33
Mycogen	2Y816	193.5	144.2	-	40	0	17.2	29
Dyna-Gro	D57VP75	193.1	162.7	-	45	0	16.9	33
AgriGold	A6687 VT2 PRO	193.0	159.6	-	44	0	15.8	32
Dekalb	DKC 68-92	192.6	-	-	35	0	16.2	32
REV®	REV® 27HR83™	192.4	158.7	132.0	43	0	16.9	28
Dyna-Gro	D56VC46	191.2	-	-	41	0	16.7	33
Dekalb	DKC 66-97	190.4	168.5	140.6	31	0	16.3	34
Delta Grow	DG 2888	190.3	141.6	113.9	47	0	16.5	33
Mycogen	2Y744	190.0	-	-	38	0	13.9	29
Mycogen	2V714	190.0	169.9	-	43	0	15.1	30
Dyna-Gro	D53VC13	189.6	153.0	-	38	0	15.9	31

Armor	1414 PRO2	189.5	-	-	44	4	15.0	32
Mycogen	2D848	189.4	-	-	47	0	19.9	30
REV®	REV® 18BHR84™	188.7	157.0	-	35	0	14.4	30
Progeny	PGY 5115 VT2	187.6	-	-	35	0	14.8	26
Armor	1880 PRO2	187.3	155.0	128.9	45	0	16.3	31
AgriGold	A6501 VT2 RIB	185.6	155.3	-	35	4	15.5	31
Mycogen	X13751 S3	185.5	-	-	44	0	17.6	30
Armor	1550 PRO2	184.8	-	-	35	0	15.3	31
NK Brand	X75976	184.4	-	-	43	0	15.0	27
Golden Acres	GA 27V01	184.0	153.1	132.0	35	4	15.1	31
Armor	AXC 4119 PRO2	183.5	-	-	38	0	18.3	31
CATALYST	7672	183.2	-	-	38	0	14.1	33
Armor	AXT 3111	183.2	-	-	34	0	15.1	31
Mycogen	2H877	182.4	-	-	39	0	20.2	30
Progeny	PGY 4114 VT2P	182.0	-	-	38	0	15.9	26
Progeny	PGY 4117 VT2P	181.6	-	-	42	0	15.6	28
AgriGold	A6573 VT2 RIB	178.6	-	-	29	0	15.7	31
Steyer	11103 VT2 PRO RIBC	177.8	-	-	31	0	14.5	29
AgriGold	A6499 VT2 RIB	177.5	-	-	38	0	15.2	32
Dekalb	DKC 67-58	176.7	158.6	-	35	0	17.3	34
AgriGold	A6719 VT2P PRO	175.2	-	-	51	0	16.1	32
REV®	REV® 25BHR44™	174.7	153.1	-	50	2	17.2	30
AgriGold	A6574 STX	172.8	-	-	36	0	16.5	32
AgriGold	A6659 VT2 RIB	172.4	-	-	40	0	16.4	30
REV®	REV® 28HR20™	166.7	154.5	129.0	37	0	17.7	29
Croplan Genetics	6926VT3PRO/RIB	163.2	145.9	136.9	34	6	15.7	32
REV®	REV® 28R10™	160.5	153.5	125.6	38	0	17.4	28
Mycogen	X13809 VH	159.4	-	-	47	0	19.4	30
Delta Grow	DG 2688	155.6	-	-	43	7	14.7	32
MSU	Girth XXX	153.0	128.1	-	65	0	16.8	28
Steyer	11407 VT2PRO RIBC	135.2	-	-	38	0	15.7	33
Dyna-Gro	D55VP77	129.3	131.1	120.0	37	0	16.0	34
Golden Acres	G5621	128.5	-	-	38	0	16.4	33
Armor	1555 PRO2	113.7	-	-	35	0	15.6	31
Mean		186.5						
LSD		20.5						
Error df		228						
CV		9.5						
R ²		62.5						

Table 9. Results from 77 corn hybrids grown without irrigation on a Houston clay soil near Aberdeen, Monroe County, 2014.

Brand	Hybrid	2014 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	%	
Armor	1616 PRO3	206.8	-	-	35	16.3	31
Armor	AXC 4119 PRO2	205.2	-	-	39	17.2	33
Armor	1555 PRO2	195.9	-	-	37	17.0	30
Armor	AXT 4116 PRO3	195.4	-	-	40	15.8	30
Delta Grow	DG 3660	193.9	169.6	158.8	48	17.1	34
Dekalb	DKC 68-92	192.8	-	-	40	16.5	33
Steyer	11103 VT2 PRO RIBC	189.7	-	-	30	15.3	27
Dyna-Gro	D57VP51	188.9	163.2	144.2	38	16.4	34
Armor	AXC 3117	186.3	-	-	45	16.6	32
REV®	REV® 28HR20™	185.5	176.0	156.8	43	16.8	30
NK Brand	X75976	185.3	-	-	46	17.0	27
Armor	1330 PRO2	184.1	-	-	39	15.6	31
Golden Acres	G4598	183.6	-	-	44	15.4	33
CATALYST	7672	183.5	-	-	49	17.0	31
Croplan Genetics	6640VT3 PRO/RIB	182.4	176.7	163.7	38	15.9	31
Delta Grow	DG 2688	182.3	-	-	39	15.6	33
Dekalb	DKC 66-40	181.7	162.4	-	49	16.4	35
Progeny	PGY 5115 VT2	181.4	-	-	39	16.3	26
Mycogen	2C786	181.1	177.8	-	34	16.1	30
AgriGold	A6659 VT2 RIB	181.1	-	-	36	16.6	29
REV®	REV® 17HR73™	181.1	163.1	-	32	14.9	28
Dyna-Gro	D53VB55	180.9	-	-	39	15.6	34
REV®	REV® 22BHR84™	180.4	-	-	36	15.9	30
REV®	REV® 24BHR93™	180.2	166.7	148.3	43	16.1	28
Golden Acres	G5621	179.9	-	-	42	16.6	31
AgriGold	A6501 VT2 RIB	178.6	158.9	-	34	16.9	31
Armor	AXT 3111	178.3	-	-	36	15.1	31
Delta Grow	DG 2863	178.0	-	-	40	18.6	34
Dekalb	DKC 67-58	177.7	174.6	-	45	16.2	35

Golden Acres	G6641	176.9	163.6	-	43	16.9	32
Dekalb	DKC 66-97	176.4	168.5	157.3	35	16.1	36
REV®	REV® 18BHR84™	176.2	164.3	-	34	15.3	31
Armor	1550 PRO2	175.6	-	-	35	17.0	31
Golden Acres	GA 27V01	175.1	160.1	140.8	39	16.8	32
NK Brand	N78S-3111	173.7	157.4	141.5	41	17.3	28
Progeny	PGY 4117 VT2P	172.8	-	-	41	16.3	27
Mycogen	2Y744	172.0	-	-	44	15.5	27
Delta Grow	DG 2888	171.4	151.9	137.6	49	17.2	33
AgriGold	A6574 STX	170.4	-	-	40	17.0	30
Steyer	11407 VT2PRO RIBC	170.3	-	-	39	16.7	34
Dyna-Gro	D55VP77	170.0	158.5	146.8	41	16.8	28
AgriGold	A6719 VT2P PRO	168.8	-	-	44	16.6	30
Mycogen	2C797	167.3	-	-	31	15.3	31
Dekalb	DKC 63-33	166.7	-	-	40	15.1	34
Dyna-Gro	D57VP75	166.5	161.3	-	43	16.5	33
REV®	REV® 27HR83™	165.9	156.1	137.6	46	16.1	28
Mycogen	2Y816	165.3	148.6	-	40	16.7	33
Progeny	PGY EXP 14SS	165.2	-	-	39	16.1	28
Dekalb	DKC 66-87	164.7	158.8	-	36	17.1	32
REV®	REV® 28R10™	164.5	156.3	144.3	43	16.7	28
Dekalb	DKC 62-08	164.3	160.1	-	46	15.5	35
REV®	REV® 23BHR55™	163.8	-	-	40	16.1	31
AgriGold	A6687 VT2 PRO	163.8	169.7	-	39	16.4	33
Mycogen	X13751 S3	163.5	-	-	39	16.2	29
Progeny	PGY 4114 VT2P	163.0	-	-	40	15.5	24
Mycogen	2H877	163.0	-	-	45	18.2	29
AgriGold	A6499 VT2 RIB	162.2	-	-	35	15.9	27
MSU	Girth XXX	161.6	153.3	-	54	17.4	14
AgriGold	A6517 VT3 PRIB	160.8	145.7	141.5	34	16.1	30
Armor	AXC 3117A	159.1	-	-	40	16.5	32
Dekalb	DKC 69-29	158.6	147.0	141.5	35	16.6	35
Armor	1880 PRO2	158.6	161.3	145.3	43	16.4	28
Croplan Genetics	6926VT3PRO/RIB	157.6	156.2	155.4	36	15.8	31
Mycogen	2V714	157.2	167.3	-	45	14.9	28
Dekalb	DKC 64-69	155.0	147.2	139.2	43	17.3	33
Steyer	11406 GENSS RIBC	155.0	-	-	39	17.3	31
REV®	REV® 26BHR50™	154.3	146.4	-	37	16.9	30
Dekalb	DKC 65-19	153.6	144.9	-	34	16.6	31
AgriGold	A6559 VT2 RIB	152.6	146.8	-	41	15.2	32
Dyna-Gro	D53VC13	150.5	150.0	-	35	16.0	34
Steyer	11604 VT2 PRO RIBC	150.3	156.5	-	35	16.5	31
Dyna-Gro	D56VC46	150.0	-	-	37	17.0	33
Mycogen	2D848	143.6	-	-	42	19.0	31

AgriGold	A6573 VT2 RIB	143.3	-	-	36	15.5	32
Armor	1414 PRO2	138.7	-	-	45	15.9	30
REV®	REV® 25BHR44™	132.7	147.9	-	43	16.3	30
Mycogen	X13809 VH	128.7	-	-	45	19.1	30
Mean		170.4					
LSD		19.9					
Error df		228					
CV		10					
R ²		55.2					

Unruh Farm, Macon

Crop Summary:

The corn plots were planted into a stale seedbed with optimum moisture for germination.

All plots quickly emerged to a stand. Plentiful rainfall throughout the growing season, in combination with timely center pivot irrigation, allowed for good soil moisture the entire season. Harvest was completed in a timely manner without any difficulties. Excellent yields were observed.

Soil type.....Houston clay

Soil pH.....7.0

Soil Fertility.....P=H, K=H

Fertilizer added.....Preplant: 2 Tons of Poultry Litter (Fall applied)

Topdress - N @ 35 lb/A (33-0-0) on May 12

Sidedress - N @ 200 lb/A (32% UAN) on May 22

Topdress - N @ 46 lb/A (Urea) on June 24

Herbicide application.....Preemergence: Lexar @ 2 qts/A and Gramoxone @ 1 qt/A on April 21
Postemergence - Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 12

Fungicide application.....Headline AMP @ 10 oz/A by airplane on July 8

Previous crop.....wheat followed by double crop soybeans

Planting date.....April 21

Harvest date.....September 3

Irrigation dates.....Center pivot irrigation on June 25, July 24 and August 9

March April May June July August September

1-10
11-20
21-31
Totals

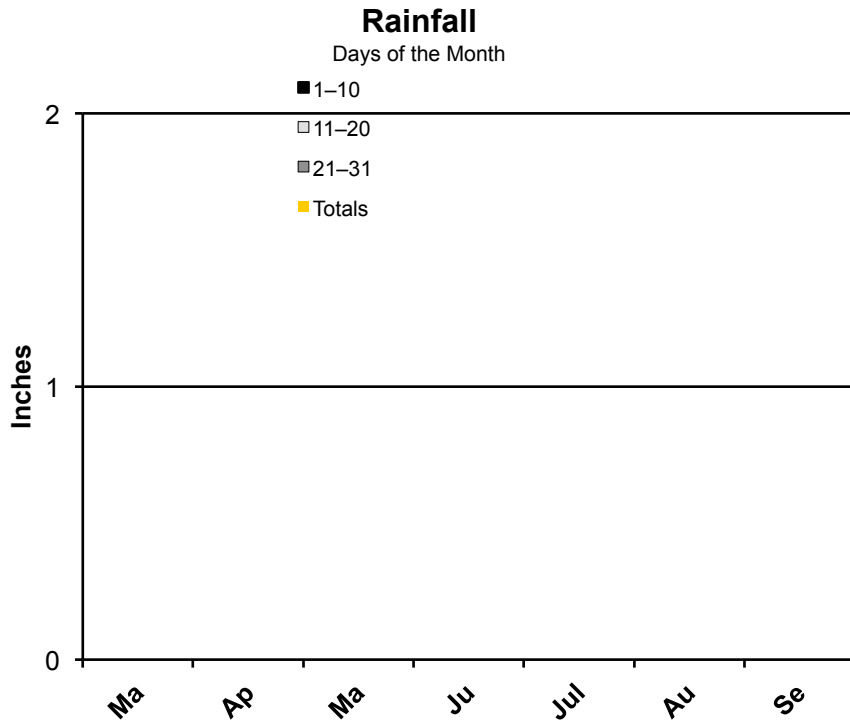


Table 10. Results from 77 corn hybrids grown without irrigation on a Houston clay soil near Macon, Noxubee County, 2014.

Brand name	Hybrid	2014 yield	2-year average ¹	3-year average ¹	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>%</i>	
Dekalb	DKC 66-40	267.6	264.5	-	48	17.6	33
Armor	AXC 3117A	263.4	-	-	48	18.1	33
Augusta	7768 GT3110	261.8	257.5	-	52	19.4	33
Croplan	7927 VT3PRO/RIB	259.9	-	-	52	17.5	36
Golden Acres	G5531	257.1	245.5	-	42	17.8	30
Augusta	7767 VT3PRO	255.9	254.2	-	44	17.8	31
Dekalb	DKC 66-97	255.1	-	-	35	17.3	35
REV®	REV® 26BHR50™	255.1	255.2	-	36	18.8	32
AgriGold	A6517 VT3 PRIB	254.9	-	-	35	17.0	31
Dekalb	DKC 63-33	254.6	-	-	42	16.7	32
Progeny	PGY 4114 VT2P	254.4	-	-	44	16.9	31
Armor	1330 PRO2	254.0	-	-	45	16.8	32
Dekalb	DKC 66-87	253.0	251.6	-	43	17.5	30
REV®	REV® 23BHR55™	252.3	-	-	50	16.8	29
Dyna-Gro	D56VC46	252.0	-	-	38	18.5	32
Dekalb	DKC69-29	251.3	247.1	-	40	17.4	37
Mycogen	2D848	250.5	-	-	47	19.7	36
Croplan	6640 VT3PRO/RIB	249.9	255.6	-	42	16.1	35
Dekalb	DKC65-19	249.2	247.8	-	38	16.8	30
Delta Grow	2863	249.1	-	-	50	19.7	33
Dyna-Gro	D53VB55	248.8	-	-	46	17.6	31
Great Heart Seed	HT 7261 VT3P RIB	248.3	244.4	-	36	17.5	32
Great Heart Seed	HT 7778 VT3P RIB	248.1	-	-	48	17.7	33
Mycogen	2Y816	247.9	241.1	-	49	17.9	33
NK Brand	N78S-3111	247.9	249.5	-	45	18.5	33
Armor	1414 PRO2	246.8	-	-	39	17.0	32
Mycogen	2C797	245.8	-	-	39	17.2	34
AgriGold	A6559 VT2RIB	245.7	237.1	-	36	16.7	33
B-H Genetics	BH 8660 VTTP	245.0	240.7	-	44	17.3	33
Delta Grow	2888	244.7	238.3	-	43	18.5	32
Great Heart Seed	HT 7240 VT2P RIB	244.5	240.3	-	45	16.9	29
AgriGold	A6687 VT2PRO	244.1	244.7	-	41	17.4	32
Progeny	PGY 5115 VT2P	243.3	-	-	40	16.1	29
AgriGold	A6573 VT2 RIB	243.0	-	-	41	16.5	31
Delta Grow	3660	242.9	242.2	-	51	19.3	31
Steyer	11604 VT2PRO RIBC	242.8	-	-	42	17.5	34
Augusta	8868 VT3PROX	242.7	-	-	46	16.9	31
Golden Acres	G6611	241.1	245.3	-	41	17.7	33

AgriGold	A6719 VT2PRO	240.4	-	-	52	18.2	28
Steyer	11407 VT2PRO RIBC	240.4	-	-	39	17.0	31
Dekalb	DKC 67-58	239.7	-	-	44	17.9	32
Dyna-Gro	D57VP75	238.8	245.9	-	51	16.1	34
NK Brand	N83D-3000GT	238.0	-	-	38	20.7	34
AgriGold	A6501 VT2 RIB	237.9	-	-	43	17.3	29
Augusta	5566 GTCBLL	237.5	-	-	45	19.3	32
Armor	AXT 4116 PRO3	236.9	-	-	44	17.2	28
Armor	AXC 3117	235.7	-	-	51	17.8	30
REV®	REV® 22BHR43™	235.2	239.0	-	47	16.7	32
Progeny	PGY 4117 VT3P	235.0	-	-	47	18.3	32
Dekalb	DKC 64-69	234.6	240.5	-	40	18.0	33
AgriGold	A6499 VT2 RIB	233.9	-	-	46	16.8	31
Mycogen	2H877	233.4	-	-	45	21.0	34
B-H Genetics	BH 8735 VT2P	233.1	241.8	-	56	18.0	31
Armor	AXC 4119 PRO2	232.2	-	-	45	18.0	32
Dekalb	DKC 68-92	232.0	-	-	40	18.1	32
Steyer	11406 GENSS RIBC	231.4	-	-	41	19.3	33
Armor	1880 PRO2	231.0	240.4	-	44	16.8	30
Mycogen	2C786	230.9	234.1	-	44	17.7	35
Dekalb	DKC 62-08	229.1	232.2	-	44	16.5	33
Augusta	8064 VT2PRO RIB	228.6	-	-	34	17.9	32
Progeny	PGY EXP 14SS	227.0	-	-	38	18.2	28
Armor	1616 PRO3	226.5	-	-	37	17.8	30
CATALYST	7672	226.5	-	-	45	18.5	32
Mycogen	X13751 S3	225.0	-	-	44	19.2	33
Armor	AXT 3111	223.7	-	-	43	17.2	33
Dyna-Gro	D57VP51	222.4	235.2	-	37	17.8	34
Armor	1550 PRO2	222.2	226.8	-	33	17.1	30
AgriGold	A6574 STX	220.2	-	-	40	18.2	30
Mycogen	2Y744	220.1	-	-	38	16.8	34
Dyna-Gro	D53VC13	219.9	222.1	-	37	16.6	30
Steyer	11103 VT2 PRO RIBC	219.5	-	-	35	16.8	29
REV®	REV® 24BHR93™	218.7	232.9	-	44	18.6	27
REV®	REV® 27HR83™	218.5	-	-	48	17.6	28
REV®	REV® 25BHR44™	217.6	242.8	-	45	18.3	30
REV®	REV® 28HR20™	215.4	233.1	-	48	18.0	28
AgriGold	A6659 VT2 RIB	214.0	-	-	50	17.4	20
Golden Acres	27V01	213.5	223.0	-	44	17.5	29
Mycogen	X13809 VH	212.3	-	-	50	19.8	36
REV®	REV® 18BHR84™	212.0	219.8	-	38	16.3	30
REV®	REV® 17HR73™	210.7	215.5	-	39	16.7	31
Golden Acres	26V21	207.8	222.0	-	40	18.5	27
B-H Genetics	BH 8700SS	206.7	-	-	47	17.6	31

REV®	REV® 28R10™	204.6	234.1	-	45	18.0	25
Armor	1555 PRO2	201.7	233.2	-	43	16.9	31
Dyna-Gro	D55VP77	194.1	216.0	-	35	17.1	29
Delta Grow	2688	177.2	-	-	47	16.5	29
Mean		235.6					
LSD		19.4					
Error df		255					
CV		7.1					
R ²		59.9					

¹No 3-year average

MAFES Delta Branch, Stoneville(Sharkey Clay)

Crop Summary:

These corn plots were planted much later than normal, due to wet field conditions during the desired planting window. The trial was finally planted in early May, as soon as the soil conditions were favorable for planting. Cooler temps and above average rainfall, in combination with a few timely irrigations, allowed for the crop to still perform well, despite the late planting date. Harvest was completed without difficulties and good yields were observed.

Soil type.....Sharkey Clay
 Soil pH.....7.1
 Soil Fertility.....P=H, K=H
 Fertilizer added.....Sidedress - N @ 260 lbs/A (32% UAN) on June 6
 Herbicide application.....Preemergence: Lexar @ 3 qts/A and Gramoxone @ 1 qt/A on May 6
 Previous crop.....Soybeans
 Planting date.....May 6
 Harvest date.....September 18
 Irrigation.....July 10, July 28 and August 21

	March	April	May	June	July	August	September	October
1-10	1.23	3.58	0.59	1.64	0.64	0.89	0.21	1.16
11-20	0.64	2.89	1.08	0.00	3.09	0.88	0.69	3.2
21-31	4.49	3.34	3.60	2.72	0.07	1.23	0	0
Totals	6.36	9.81	5.27	4.36	3.80	3.00	0.90	4.36

Table 11. Results from 84 corn hybrids grown with furrow irrigation on a Sharkey clay soil at MAFES Delta Branch, Stoneville, 2014.

Brand	Hybrid	2014 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>%</i>	
Augusta	8064 VT2PRO RIB	171.5	-	-	32	16.5	36.2
Progeny	PGY 4114 VT2P	172.2	-	-	32	15.9	30.6
REV®	REV® 18BHR84™	173.9	177.3	-	31	15.5	31.4
Armor	1550 PRO2	174.3	178.3	-	29	17.9	34.8
Dyna-Gro	D53VB55	175.7	-	-	31	16.6	33.6
Mycogen	2Y816	178.6	180.9	-	40	19.3	34.8
REV®	REV® 17HR73™	178.6	174.3	-	31	15.9	33.0
Steyer	11103 VT2 PRO RIBC	179.1	-	-	27	15.5	33.4
AgriGold	A6499 VT2 RIB	179.3	-	-	25	16.4	33.6
Mycogen	X13751 S3	180.0	-	-	35	16.7	35.2
Great Heart Seed	HT 7240 VT2P RIB	180.6	179.5	-	28	15.7	32.4
Armor	1330 PRO2	181.9	-	-	33	15.6	34.5
REV®	REV® 22BHR43™	182.9	178.5	182.0	36	16.5	33.3
Progeny	PGY 4117 VT3P	184.4	-	-	33	16.9	35.3
Golden Acres	27V01	186.2	183.3	181.8	27	17.0	33.4
AgriGold	A6559 VT2RIB	186.6	181.2	-	31	16.1	35.3
Dyna-Gro	D55VP77	187.4	179.3	184.1	35	16.7	33.9
AgriGold	A6501 VT2 RIB	187.4	-	-	27	16.6	33.8

Steyer	11604 VT2PRO RIBC	187.6	-	-	34	16.6	33.6
Armor	AXT 4116 PRO3	188.0	-	-	35	16.7	35.6
Steyer	11406 GENSS RIBC	189.0	-	-	29	17.2	35.5
Dekalb	DKC 67-58	191.3	-	-	34	17.9	35.2
Dekalb	DKC 63-33	192.4	-	-	32	15.8	35.8
Delta Grow	2688	192.6	-	-	28	16.5	35.8
Mycogen	X13809 VH	193.4	-	-	41	19.4	36.2
Progeny	PGY 5115 VT2P	193.5	-	-	34	17.1	34.2
Armor	AXC 3117	193.6	-	-	36	17.2	33.9
AgriGold	A6659 VT2 RIB	194.4	-	-	34	17.6	34.2
Armor	1616 PRO3	194.5	-	-	32	17.1	34.4
NK Brand	N78S-3111	196.3	194.7	194.1	36	18.3	35.5
AgriGold	A6573 VT2 RIB	196.7	-	-	28	16.6	33.6
Dyna-Gro	D53VC13	197.0	177.2	-	35	16.8	33.6
Golden Acres	26V21	197.9	190.6	-	34	18.5	33.0
Dekalb	DKC65-19	198.6	181.6	-	27	18.2	34.5
Augusta	5566 GTCBLL	198.9	-	-	34	18.8	33.8
Great Heart Seed	HT 7261 VT3P RIB	199.6	186.3	-	29	16.4	33.6
Armor	1414 PRO2	201.4	-	-	30	16.5	31.9
Armor	AXT 3111	201.5	-	-	27	15.9	33.4
Mycogen	2C786	202.0	197.5	-	32	16.4	33.9
Mycogen	2C797	202.0	-	-	33	17.0	34.1
Armor	1555 PRO2	202.0	193.4	197.4	30	16.1	30.5
Dekalb	DKC69-29	202.8	195.2	195.8	33	17.0	34.4
REV®	REV® 27HR83™	202.9	-	-	39	18.3	32.2
Golden Acres	G6611	203.0	191.7	-	32	17.3	32.7
Delta Grow	2888	203.0	195.0	185.1	44	18.6	33.8
Golden Acres	G5531	203.3	190.5	190.9	28	16.6	35.8
Dyna-Gro	D56VC46	204.1	-	-	36	18.4	36.1
Armor	1880 PRO2	204.3	194.6	-	32	17.0	33.4
NK Brand	N83D-3000GT	204.4	-	-	36	19.9	35.0
AgriGold	A6687 VT2PRO	204.5	198.4	-	33	17.1	33.4
REV®	REV® 28R10™	205.0	199.6	200.4	34	18.1	28.2
Progeny	PGY EXP 14SS	205.1	-	-	26	18.0	35.6
Steyer	11407 VT2PRO RIBC	206.2	-	-	36	16.4	35.2
Mycogen	2Y744	206.3	-	-	28	16.8	34.8
Mycogen	2D848	206.5	-	-	32	20.5	32.7
CATALYST	7672	206.9	-	-	30	17.6	32.7
AgriGold	A6574 STX	207.4	-	-	38	17.2	33.9
B-H Genetics	BH 8660 VTTP	207.4	194.8	-	31	17.2	36.1
Mycogen	2H877	208.2	-	-	35	18.8	36.6
B-H Genetics	BH 8700SS	211.1	-	-	32	17.1	34.8
Dekalb	DKC 66-97	211.2	-	-	28	16.4	33.9
Dyna-Gro	D57VP75	212.5	199.9	-	39	17.2	34.5

REV®	REV® 23BHR55™	212.7	-	-	32	17.1	32.2
Augusta	7767 VT3PRO	212.7	191.7	-	34	17.0	34.2
Dekalb	DKC 62-08	213.3	191.0	-	34	16.4	32.4
Dekalb	DKC 68-92	213.5	-	-	35	17.6	34.1
REV®	REV® 25BHR44™	213.8	189.4	-	33	18.3	33.6
AgriGold	A6517 VT3 PRIB	215.0	-	-	35	16.7	33.1
Dyna-Gro	D57VP51	216.5	206.9	203.3	33	17.7	34.7
Dekalb	DKC 66-40	216.6	200.0	-	38	17.5	32.8
REV®	REV® 28HR20™	217.3	194.7	190.6	39	18.3	32.0
Dekalb	DKC 66-87	217.5	204.5	-	32	16.7	34.8
Dekalb	DKC 64-69	218.8	184.5	183.3	45	16.7	35.6
Armor	AXC 3117A	219.1	-	-	35	17.3	36.1
Armor	AXC 4119 PRO2	219.2	-	-	35	18.2	34.7
REV®	REV® 24BHR93™	220.0	210.2	204.8	35	17.4	31.4
Augusta	8868 VT3PROX	220.3	-	-	33	17.6	32.8
REV®	REV® 26BHR50™	220.6	192.3	-	36	19.0	32.2
AgriGold	A6719 VT2PRO	222.4	-	-	41	18.3	33.8
Croplan	6640 VT3PRO/RIB	225.4	207.2	207.9	34	16.5	35.9
Croplan	7927 VT3PRO/RIB	226.2	-	-	34	17.3	33.8
Delta Grow	3660	227.5	199.9	202.2	32	18.4	33.9
Delta Grow	2863	227.9	-	-	40	18.8	35.6
B-H Genetics	BH 8735 VT2P	230.2	212.6	-	44	17.8	34.4
Great Heart Seed	HT 7778 VT3P RIB	233.0	-	-	35	17.7	36.2
Augusta	7768 GT3110	233.6	213.2	-	31	18.2	33.9
Mean		201.9					
LSD		12.5					
Error df		255					
CV		5.3					
R ²		74.2					

MAFES Delta Branch, Stoneville

Crop Summary:

The plots were planted into a seedbed that had been hipped and do-alled just prior to planting.

The soil moisture was optimum for germination and all plots emerged to a stand. Above average rainfall was observed during the 8 weeks following planting. The rainfall throughout the remainder of the season, in combination with some timely irrigations, allowed for adequate soil moisture the entire growing season. Harvest was completed in a timely manner with no weather delays and excellent yields were observed.

Soil type.....Dundee very fine sandy loam
 Soil pH.....6.4
 Soil Fertility.....P=H, K=H
 Fertilizer added.....Sidedress - N @ 150 lbs/A (32% UAN) on April 21 and N @ 100 lbs/A (32% UAN) on May 7
 Herbicide application.....Preemergence: Lexar @ 2 qts/A and Gramoxone @ 1 qt/A on March 21
 Previous crop.....Soybeans
 Planting date.....March 21
 Harvest date.....August 29
 Irrigation.....July 11 and July 28

	March	April	May	June	July	August	September	October
1-10	1.23	3.58	0.59	1.64	0.64	0.89	0.21	1.16
11-20	0.64	2.89	1.08	0.00	3.09	0.88	0.69	3.2
21-31	4.49	3.34	3.60	2.72	0.07	1.23	0	0
Totals	6.36	9.81	5.27	4.36	3.80	3.00	0.90	4.36

Rainfall

Days of the Month

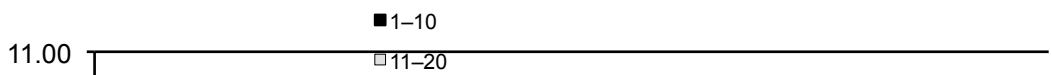


Table 12. Results from 84 corn hybrids grown with furrow irrigation on a Dundee very fine sandy loam soil at the MAFES Delta Branch Station, Stoneville, 2014.

Brand	Hybrid number	2014 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>%</i>	
REV®	REV® 28HR20™	286.1	262.3	251.1	46	17.9	32
Delta Grow	2863	284.4	-	-	38	19.1	35
Steyer	11407 VT2PRO RIBC	279.1	-	-	38	16.8	34
B-H Genetics	BH 8735 VT2P	276.1	256.0	-	47	17.0	35
Augusta	8868 VT3PROX	274.2	-	-	45	16.2	31
Augusta	7768 GT3110	272.6	248.0	-	46	18.7	33
Dekalb	DKC 66-40	272.3	255.7	-	44	15.9	33
Croplan	6640 VT3PRO/RIB	271.6	264.2	249.4	38	16.5	33
Great Heart Seed	HT 7778 VT3P RIB	268.8	-	-	47	15.8	29
REV®	REV® 26BHR50™	268.8	247.4	-	40	18.9	30
Mycogen	2Y744	268.3	-	-	36	15.6	35
Croplan	7927 VT3PRO/RIB	268.2	-	-	45	16.2	33
REV®	REV® 23BHR55™	267.1	-	-	48	15.8	30
CATALYST	7672	264.6	-	-	43	17.9	32
Delta Grow	3660	264.3	253.1	238.9	43	19.0	32

REV®	REV® 25BHR44™	263.4	258.5	-	45	16.9	30
Armor	1555 PRO2	262.6	232.9	228.6	42	16.2	32
NK Brand	N78S-3111	261.1	248.4	243.2	44	18.1	33
Golden Acres	G5531	260.4	233.6	237.5	33	16.7	33
Dyna-Gro	D56VC46	259.9	-	-	43	17.2	31
Armor	AXC 3117A	259.9	-	-	46	16.4	32
Dekalb	DKC69-29	258.4	256.2	242.8	40	17.4	36
Dekalb	DKC 66-87	257.6	247.9	-	44	15.8	32
Augusta	7767 VT3PRO	256.8	255.2	-	35	15.8	27
Dyna-Gro	D57VP75	256.6	249.6	-	43	16.0	29
Progeny	PGY 4114 VT2P	256.4	-	-	44	14.9	30
B-H Genetics	BH 8700SS	255.8	-	-	36	17.7	34
REV®	REV® 24BHR93™	255.4	254.9	243.5	48	16.7	29
Golden Acres	G6611	254.7	237.2	-	38	17.1	29
Golden Acres	27V01	254.3	248.6	244.0	41	17.2	24
Mycogen	2D848	253.9	-	-	44	20.2	30
Dekalb	DKC 62-08	252.4	239.0	-	42	15.3	34
Dekalb	DKC 64-69	252.0	230.0	231.7	43	16.1	35
AgriGold	A6517 VT3 PRIB	251.6	-	-	39	16.3	32
Mycogen	2Y816	250.1	228.5	-	44	17.1	35
REV®	REV® 27HR83™	249.7	-	-	44	16.1	29
Dekalb	DKC65-19	249.4	243.9	-	32	16.8	32
Dyna-Gro	D55VP77	248.4	245.9	240.0	34	16.6	30
Dyna-Gro	D53VB55	248.4	-	-	40	16.0	33
Progeny	PGY 4117 VT3P	247.9	-	-	42	16.0	26
AgriGold	A6687 VT2PRO	247.5	246.3	-	38	16.8	29
B-H Genetics	BH 8660 VTTP	246.1	239.4	-	41	16.2	29
Great Heart Seed	HT 7261 VT3P RIB	245.8	229.0	-	37	16.6	30
Armor	1330 PRO2	245.5	-	-	33	16.1	26
Progeny	PGY 5115 VT2P	245.4	-	-	40	14.9	33
Steyer	11604 VT2PRO RIBC	244.7	-	-	39	16.4	33
REV®	REV® 22BHR43™	244.3	249.4	235.7	41	15.2	32
Dekalb	DKC 68-92	243.5	-	-	39	17.3	32
Armor	1414 PRO2	243.5	-	-	47	16.3	30
Dyna-Gro	D57VP51	243.4	239.0	239.4	37	15.4	27
AgriGold	A6719 VT2PRO	243.0	-	-	47	16.0	27
AgriGold	A6559 VT2RIB	242.9	228.0	-	42	15.2	30
Armor	1880 PRO2	242.8	242.3	-	43	16.9	30
Armor	AXT 3111	242.8	-	-	34	15.3	32
REV®	REV® 28R10™	242.2	258.5	243.7	36	16.5	22
AgriGold	A6574 STX	241.2	-	-	31	16.5	27
Mycogen	2H877	241.2	-	-	40	18.5	34
Delta Grow	2888	241.0	238.3	234.4	50	17.7	34
Armor	1550 PRO2	239.8	236.9	-	37	16.8	30

Delta Grow	2688	239.5	-	-	39	15.4	29
Dekalb	DKC 63-33	238.3	-	-	37	15.1	30
Armor	1616 PRO3	237.7	-	-	41	16.3	31
Great Heart Seed	HT 7240 VT2P RIB	236.9	234.6	-	40	15.3	28
Augusta	8064 VT2PRO RIB	236.4	-	-	44	16.2	24
Armor	AXC 3117	236.3	-	-	44	15.6	30
Mycogen	X13809 VH	236.0	-	-	41	19.1	35
AgriGold	A6659 VT2 RIB	235.9	-	-	44	16.0	27
Mycogen	2C797	234.4	-	-	41	16.0	28
AgriGold	A6499 VT2 RIB	233.9	-	-	36	16.2	31
NK Brand	N83D-3000GT	233.2	-	-	38	18.1	30
Dekalb	DKC 66-97	231.7	-	-	41	15.7	27
Progeny	PGY EXP 14SS	231.1	-	-	36	16.1	31
Mycogen	X13751 S3	230.8	-	-	42	16.2	33
Armor	AXT 4116 PRO3	229.0	-	-	45	15.8	24
Augusta	5566 GTCBLL	228.9	-	-	44	17.3	27
Dekalb	DKC 67-58	228.4	-	-	38	16.9	29
Steyer	11406 GENSS RIBC	227.1	-	-	32	16.9	23
Mycogen	2C786	226.5	220.9	-	42	14.7	26
Golden Acres	26V21	226.2	232.8	-	42	17.0	24
Armor	AXC 4119 PRO2	224.2	-	-	37	18.7	26
Dyna-Gro	D53VC13	224.1	213.6	-	42	15.7	29
AgriGold	A6573 VT2 RIB	223.5	-	-	35	15.6	33
AgriGold	A6501 VT2 RIB	221.9	-	-	40	16.7	25
Steyer	11103 VT2 PRO RIBC	218.0	-	-	33	15.0	30
REV®	REV® 17HR73™	213.0	208.8	-	39	15.4	27
REV®	REV® 18BHR84™	209.0	224.3	-	36	14.7	28
Mean		247.5					
LSD		20.3					
Error df		255					
CV		7					
R ²		54.1					

Rolling Fork (Issaquena County)

Crop Summary:

The corn plots were planted in early April into a well prepared seed bed. 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.....N @ 225 lbs/A (30-0-0-2) @ Sidedress
Herbicide application.....Preemergence: Lexar @ 3 qts/A and Roundup Powermax @ 24oz/A on April 9
Postemergence: Callisto @ 3 oz/A and Atrazine @ 8 oz/A on May 17
Previous crop.....Cotton
Planting date.....March 27
Harvest date.....August 20
Irrigation.....Furrow irrigated as needed

	April	May	June	July	August
1-10	0.58	0.04	2.72	0.00	0.62
11-20	0.88	0.01	1.35	0.00	0.06
21-31	0.04	0.74	0.11	1.41	0.00

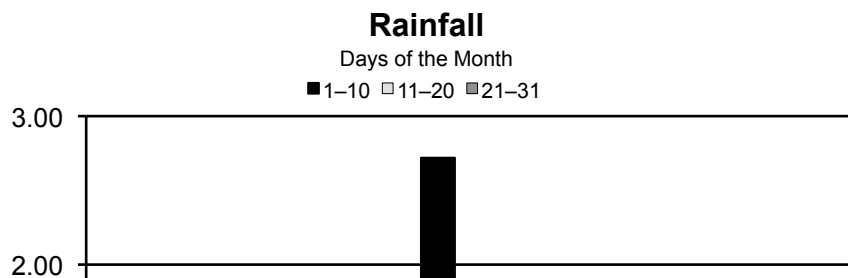


Table 13. Results from 84 corn hybrids grown with furrow irrigation on a Commerce silty clay loam soil near Rolling Fork, 2014.

Brand	Hybrid	2014 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	%	
REV®	REV® 26BHR50™	280.3	237.6	-	48	20.8	29
Augusta	7768 GT3110	277.2	237.5	-	44	21.2	32
Delta Grow	2863	272.7	-	-	53	22.3	33
Dyna-Gro	D57VP75	271.4	241.7	-	52	19.2	31
REV®	REV® 24BHR93™	268.6	232.2	219.4	57	20.6	30
Great Heart Seed	HT 7778 VT3P RIB	268.5	-	-	44	19.5	32
Croplan	7927 VT3PRO/RIB	265.7	-	-	46	20.0	33
Croplan	6640 VT3PRO/RIB	259.4	235.5	229.1	37	19.2	36
Dekalb	DKC 66-87	258.6	228.7	-	44	19.4	33
REV®	REV® 23BHR55™	257.2	-	-	43	19.2	30
Golden Acres	G6611	255.0	227.7	-	46	20.2	34
Dyna-Gro	D53VB55	253.7	-	-	50	19.4	33
Progeny	PGY 4117 VT3P	252.3	-	-	40	20.2	34
Armor	1414 PRO2	251.8	-	-	38	19.6	30
Augusta	8868 VT3PROX	250.4	-	-	43	19.9	30
Armor	1880 PRO2	250.0	233.7	-	48	20.0	31
Armor	AXT 4116 PRO3	249.4	-	-	47	19.8	29
AgriGold	A6687 VT2PRO	249.1	223.9	-	46	20.4	30
Delta Grow	2888	248.8	208.5	211.1	49	21.9	32
Golden Acres	G5531	248.6	235.0	227.0	39	19.8	33
NK Brand	N78S-3111	247.0	226.3	221.8	42	21.4	33

Steyer	11406 GENSS RIBC	246.8	-	-	37	20.6	30
B-H Genetics	BH 8735 VT2P	245.9	229.8	-	48	19.6	33
B-H Genetics	BH 8660 VTTP	245.6	230.9	-	42	20.6	33
Dekalb	DKC69-29	244.4	215.1	212.6	49	21.8	33
AgriGold	A6719 VT2PRO	244.4	-	-	52	20.0	31
Dekalb	DKC 67-58	243.5	-	-	45	20.7	32
Armor	AXC 4119 PRO2	242.6	-	-	47	21.7	31
Mycogen	2C797	241.8	-	-	45	20.1	36
Progeny	PGY 4114 VT2P	241.5	-	-	38	18.8	30
Dekalb	DKC 66-97	240.5	-	-	43	19.4	34
Dekalb	DKC 64-69	240.5	217.7	207.5	40	18.9	33
Dyna-Gro	D53VC13	240.2	210.3	-	44	19.0	33
B-H Genetics	BH 8700SS	240.1	-	-	40	20.9	33
Dyna-Gro	D55VP77	240.0	213.7	213.4	43	19.0	32
Mycogen	2C786	239.3	220.9	-	44	19.0	36
REV®	REV® 27HR83™	237.8	-	-	53	19.5	27
REV®	REV® 22BHR43™	237.7	226.3	220.9	47	19.2	29
Dekalb	DKC 63-33	237.6	-	-	44	18.3	33
Armor	AXC 3117A	237.2	-	-	53	20.0	32
Armor	1330 PRO2	237.2	-	-	38	18.8	30
Great Heart Seed	HT 7261 VT3P RIB	236.6	210.5	-	34	20.0	32
Progeny	PGY 5115 VT2P	235.2	-	-	40	19.6	30
NK Brand	N83D-3000GT	235.2	-	-	40	21.5	31
AgriGold	A6499 VT2 RIB	234.9	-	-	38	19.5	31
AgriGold	A6501 VT2 RIB	234.5	-	-	41	20.1	29
Armor	1550 PRO2	233.6	206.7	-	43	19.9	31
Armor	AXC 3117	233.2	-	-	52	19.4	30
REV®	REV® 28HR20™	233.0	218.3	227.4	52	20.4	30
Augusta	8064 VT2PRO RIB	232.7	-	-	40	20.1	31
Mycogen	2Y744	230.5	-	-	40	20.1	34
Armor	AXT 3111	230.1	-	-	37	18.9	32
Mycogen	X13809 VH	229.3	-	-	43	23.6	33
Dekalb	DKC 66-40	229.1	214.1	-	50	19.6	31
Armor	1616 PRO3	228.8	-	-	44	20.6	31
Delta Grow	3660	228.6	213.7	210.8	43	22.0	33
Augusta	7767 VT3PRO	228.4	216.6	-	42	20.2	29
Great Heart Seed	HT 7240 VT2P RIB	228.1	221.1	-	36	19.1	30
AgriGold	A6573 VT2 RIB	226.1	-	-	38	19.6	30
Steyer	11604 VT2PRO RIBC	226.1	-	-	43	20.6	30
AgriGold	A6559 VT2RIB	225.9	217.9	-	36	18.9	30
Progeny	PGY EXP 14SS	225.9	-	-	39	20.0	30
Dekalb	DKC 68-92	225.8	-	-	49	20.2	32
Mycogen	2D848	225.8	-	-	42	23.4	31
REV®	REV® 25BHR44™	225.6	211.9	-	44	19.7	30

AgriGold	A6517 VT3 PRIB	225.2	-	-	35	19.9	32
Dyna-Gro	D56VC46	224.6	-	-	44	21.1	31
REV®	REV® 17HR73™	223.6	205.6	-	49	18.0	29
Steyer	11103 VT2 PRO RIBC	222.2	-	-	38	18.8	29
Golden Acres	27V01	222.0	213.7	199.3	48	21.8	31
Dekalb	DKC 62-08	222.0	214.7	-	38	18.2	32
REV®	REV® 28R10™	222.0	226.6	221.6	44	20.1	28
Augusta	5566 GTCBLL	221.6	-	-	39	22.0	29
Steyer	11407 VT2PRO RIBC	221.4	-	-	49	20.2	29
Golden Acres	26V21	220.5	204.0	-	44	21.6	30
AgriGold	A6659 VT2 RIB	219.4	-	-	43	19.7	28
Dyna-Gro	D57VP51	218.9	220.4	220.8	44	19.3	30
Armor	1555 PRO2	218.7	208.9	209.7	42	19.9	27
AgriGold	A6574 STX	214.9	-	-	38	21.1	32
Mycogen	2Y816	213.7	197.5	-	56	21.9	33
REV®	REV® 18BHR84™	213.6	208.0	-	49	18.6	29
Dekalb	DKC65-19	213.1	203.0	-	37	17.4	28
Mycogen	X13751 S3	211.4	-	-	42	20.8	33
CATALYST	7672	206.4	-	-	50	21.0	31
Mycogen	2H877	198.8	-	-	42	23.2	32
Delta Grow	2688	193.3	-	-	45	19.3	26
Mean		236.4					
LSD		20.4					
Error df		255					
CV		7.4					
R ²		56.7					

Table 14. Results from 84 corn hybrids grown with furrow irrigation on a mixture of Dundee silt loam and Tensas silty clay soil near Minter City, 2014.

Brand	Hybrid ¹	2014 yield	2-year average	3-year average	Ear height	Moisture content	Harvested population (×1000)
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>%</i>	
Delta Grow	2863	279.1	-	-	40	24.4	33
Croplan	7927 VT3PRO/RIB	278.8	-	-	50	23.0	34
Augusta	7768 GT3110	269.4	249.6	-	40	23.3	32
Steyer	11407 VT2PRO RIBC	266.0	-	-	36	20.7	32
Dekalb	DKC 66-40	264.0	244.9	-	39	21.8	34
Armor	AXC 3117A	262.7	-	-	47	21.2	32
Dyna-Gro	D57VP75	261.9	244.2	-	42	22.0	32
Armor	1414 PRO2	261.7	-	-	45	20.9	29
Great Heart Seed	HT 7778 VT3P RIB	261.5	-	-	44	22.0	32
Dekalb	DKC 66-87	259.4	238.6	-	32	21.4	33
B-H Genetics	BH 8735 VT2P	258.0	235.1	-	42	22.3	35
REV®	REV® 28HR20™	256.7	234.2	233.8	43	22.5	31
AgriGold	A6687 VT2PRO	255.0	239.1	-	39	22.9	31
Dekalb	DKC 66-97	253.2	-	-	36	21.3	36
REV®	REV® 26BHR50™	252.9	227.3	-	40	24.4	30
Delta Grow	2888	252.8	218.0	224.4	41	22.8	34
Dekalb	DKC 67-58	251.1	-	-	36	22.3	33
Dyna-Gro	D56VC46	251.1	-	-	38	21.8	31
Croplan	6640 VT3PRO/RIB	249.8	234.9	235.0	37	20.8	33
Dekalb	DKC69-29	249.3	226.8	223.7	36	24.2	35

Augusta	8868 VT3PROX	248.5	-	-	40	21.5	31
REV®	REV® 23BHR55™	248.3	-	-	48	20.6	31
Golden Acres	G6611	248.2	234.3	-	36	21.4	33
REV®	REV® 24BHR93™	247.7	235.5	229.6	45	21.7	27
AgriGold	A6574 STX	246.3	-	-	39	22.0	32
Steyer	11604 VT2PRO RIBC	245.8	-	-	39	22.3	34
AgriGold	A6719 VT2PRO	245.5	-	-	45	21.3	30
B-H Genetics	BH 8660 VTTP	243.1	230.2	-	41	22.0	34
Progeny	PGY 4114 VT2P	242.8	-	-	40	20.0	29
REV®	REV® 27HR83™	242.7	-	-	47	21.5	28
Dyna-Gro	D53VB55	242.5	-	-	38	20.8	31
Mycogen	X13809 VH	242.4	-	-	44	25.9	35
Armor	1880 PRO2	242.2	221.8	-	38	21.7	32
Steyer	11406 GENSS RIBC	242.1	-	-	38	21.9	30
AgriGold	A6499 VT2 RIB	241.3	-	-	34	20.1	32
Dyna-Gro	D57VP51	240.0	220.3	220.3	38	20.3	31
Dekalb	DKC 68-92	239.0	-	-	34	21.8	33
Dekalb	DKC 62-08	238.9	231.0	-	46	19.5	33
Armor	AXC 4119 PRO2	237.2	-	-	38	23.5	31
Progeny	PGY 4117 VT3P	236.9	-	-	37	20.9	33
Dekalb	DKC 64-69	236.0	218.2	222.0	44	19.5	35
Augusta	7767 VT3PRO	235.4	224.6	-	42	21.4	31
Dyna-Gro	D53VC13	235.4	213.1	-	42	20.1	32
Mycogen	2D848	235.2	-	-	45	25.7	36
Dekalb	DKC65-19	234.8	220.7	-	32	20.9	29
B-H Genetics	BH 8700SS	234.7	-	-	41	22.3	33
Armor	1616 PRO3	233.4	-	-	38	22.3	31
Great Heart Seed	HT 7261 VT3P RIB	232.4	213.6	-	32	20.3	32
Dyna-Gro	D55VP77	232.4	229.1	220.4	36	20.2	30
Armor	AXC 3117	231.9	-	-	41	21.5	32
AgriGold	A6659 VT2 RIB	231.6	-	-	37	20.6	28
AgriGold	A6501 VT2 RIB	231.5	-	-	37	20.9	31
Armor	AXT 3111	231.5	-	-	38	19.9	32
Golden Acres	G5531	231.3	221.6	219.3	39	20.4	29
Dekalb	DKC 63-33	231.1	-	-	39	19.9	33
Armor	AXT 4116 PRO3	230.8	-	-	38	23.4	28
Steyer	11103 VT2 PRO RIBC	230.6	-	-	37	19.3	31
AgriGold	A6559 VT2RIB	230.4	224.8	-	42	19.3	30
Armor	1330 PRO2	229.8	-	-	41	20.1	30
NK Brand	N83D-3000GT	228.8	-	-	38	24.0	30
REV®	REV® 25BHR44™	228.2	217.6	-	40	21.6	30
Great Heart Seed	HT 7240 VT2P RIB	227.5	228.6	-	37	19.4	29
REV®	REV® 28R10™	226.2	224.3	225.3	41	23.4	27
NK Brand	N78S-3111	223.9	217.7	212.5	37	22.8	33

Progeny	PGY 5115 VT2P	221.1	-	-	37	20.3	30
Armor	1555 PRO2	220.3	196.1	204.5	36	21.3	30
Mycogen	2C797	220.3	-	-	44	20.3	35
Mycogen	2Y816	219.9	219.3	-	47	24.0	35
Mycogen	2C786	219.0	208.7	-	37	19.9	34
REV®	REV® 18BHR84™	218.7	216.5	-	36	18.4	28
Augusta	5566 GTCBLL	218.7	-	-	37	23.3	29
Delta Grow	2688	217.6	-	-	38	20.4	29
Armor	1550 PRO2	217.2	207.8	-	40	21.5	31
Mycogen	2H877	215.7	-	-	43	25.1	35
Delta Grow	3660	215.0	209.0	215.9	45	23.3	31
Mycogen	2Y744	213.8	-	-	38	19.9	34
REV®	REV® 22BHR43™	212.6	206.2	208.3	49	20.6	30
CATALYST	7672	211.4	-	-	37	23.0	32
Mycogen	X13751 S3	210.3	-	-	40	21.1	35
REV®	REV® 17HR73™	209.1	200.1	-	44	18.7	29
AgriGold	A6573 VT2 RIB	207.8	-	-	31	21.0	33
Augusta	8064 VT2PRO RIB	204.2	-	-	40	21.4	29
Progeny	PGY EXP 14SS	200.1	-	-	32	20.5	29
Golden Acres	27V01	199.7	199.8	203.3	36	22.0	31
AgriGold	A6517 VT3 PRIB	198.7	-	-	37	21.0	32
Golden Acres	26V21	186.0	195.7	-	40	21.9	23
Mean		235.7					
LSD		18.9					
Error df		255					
CV		6.9					
R ²		64.2					

