



MISSOURI CROP
PERFORMANCE
2012
CORN

WE TEST THE BEST

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This report is published by the MU Variety Testing Program, Division of Plant Sciences, University of Missouri. The work was supported by fees provided by companies submitting hybrids for evaluation. The University of Missouri's hybrid performance testing program began in the mid-1930s, with results first published in 1937. The number of entries in the program has grown from fewer than 50 in the early years to more than 200 today. The large number of commercial hybrids available makes selection of a superior hybrid difficult. To select intelligently, producers need a reliable, unbiased, up-to-date source of information that will permit valid comparisons among available hybrids. The objective of the MU Variety Testing Program is to provide this information. The tests are conducted under the most nearly uniform conditions possible. Small plots are used to reduce the chance of soil and environment variations occurring between one hybrid plot and another. Results obtained should aid the individual grower in judging the relative merits of many of the commercial corn hybrids currently available in Missouri.

COMPARING HYBRIDS

The performance of a hybrid cannot be measured with absolute precision. Uncontrolled variability is involved in the determination of each plot's yield. This variability exists in all field experiments and in farmer fields. Statistics are used to account for this variability and to assist farmers in selecting superior hybrids. The statistical tool used by the MU Variety Testing Program is called "least significant difference" (LSD). The LSD is simple to use. When two hybrids are compared and the difference between them is greater than the LSD, the entries are considered to be significantly different. Differences between two hybrids that are smaller than the LSD may have occurred by chance and are considered to be not significant. In other words, the two hybrids might have the same yield, grain moisture or other characteristics of interest. The LSD can be found at the bottom of each table.

The MU Variety Testing Program arranges hybrids within each table from highest yield to lowest yield. The "top yielding" hybrid in each test is identified by a double asterisk (**) placed next to its yield. Hybrids that did not yield significantly less than the highest yielding hybrid in the test are denoted in the tables by a single asterisk (*). Thus, by reading down the yield column, readers can readily identify the highest yielding hybrids in a test.

Hybrid performance may seem inconsistent from location to location and from year to year. These differences are caused by differences among environments for rainfall, temperatures, soil fertility, diseases, insects, and many other factors. To obtain an improved estimate of relative hybrid performance, readers should consider results from more than one environment (locations and/or years). The vast majority of hybrids are entered into our tests for only one year, so comparing hybrids across multiple locations becomes even more important. The MU Variety Testing Program facilitates hybrid comparisons across locations by publishing Region Means. Region Means tables contain yield data from all individual locations in the region with yields averaged across the locations. The hybrid with the highest average yield and hybrids that do not differ for yield from that hybrid are designated with double (**) and single (*) asterisks.

Although yield usually receives first consideration, other agronomic characteristics may be important when selecting a corn hybrid. Stalk strength, maturity, and resistance to insects and diseases are among the hybrid characteristics that deserve careful consideration. We provide a table that contains several important characteristics of hybrids entered into the MU Variety Testing Program. This information was provided by seed companies. Please contact seed company representatives for the latest information. Seed entered into the MU Variety Testing Program is usually treated with one or more seed treatments. These seed treatments are identified in the table listing the hybrid characteristics.

AUTHORS

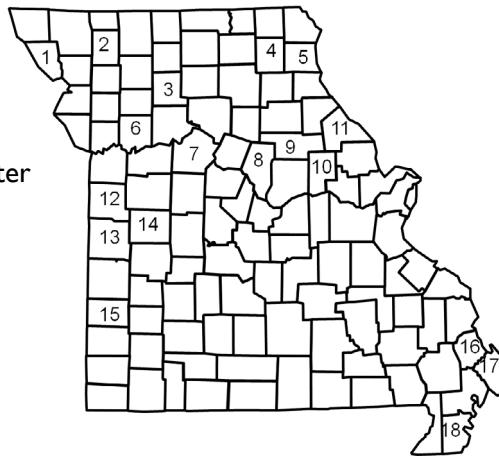
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EXPERIMENTAL PROCEDURES

Regions and Locations: The MU Variety Testing Program divides the corn growing region of Missouri into four regions: North, Central, Southeast, and Southwest. These regions contain two to five locations, and the same hybrids are tested in all locations of a test within a region. Locations names for 2012 are as follows:

1. **Craig** (Holt County); Steve Cunningham Farm
2. **Albany** (Gentry County); Hundley-Whaley Center
3. **Mooresville** (Livingston County); Beetsma Farm
4. **Novelty** (Knox County); Greenley Research Center
5. **LaGrange** (Lewis County); Roger Tiemann Farm
6. **Henrietta** (Ray County); John Williams Farm
7. **Marshall** (Saline County); Frank Swisher Farm
8. **Columbia** (Boone County); Bradford Research Center
9. **Laddonia** (Audrain County); Kevin Freyer Farm
10. **Truxton** (Montgomery County) Roy Cope Farm
11. **Annada** (Pike County); Bob Burkemper Farm
12. **Harrisonville** (Cass County); Doug Roth Farm
13. **Adrian** (Bates County); Darrel Tenholder Farm
14. **Urich** (Henry County); Kurt Gretzinger Farm
15. **Lamar** (Vernon County); Ron Bean Farm
16. **Oran** (Scott County); Glenn Nothdurft Farm
17. **Charleston** (Mississippi County); H.S. Byrd Farm
18. **Portageville Clay** (Pemiscot County); Delta Research Center
18. **Portageville Loam** (Pemiscot County); Delta Research Center



2012 Test Descriptions

- Non-Irrigated Corn Test: Consists of five locations each in the north and central regions of the state and three locations in the southwest region. Plots were not irrigated in this test.
- Irrigated Corn Test: Consists of two locations in the central region, three locations in the southwest region, and four locations in the southeast region. Plots were irrigated as weather conditions warranted.

Entries: All seed companies were eligible to enter the 2012 corn tests. Participation was voluntary and the MU Variety Testing Program exercised no control over which, or how many hybrids, were entered. The MU Variety Testing Program receives no Missouri tax dollars, so a fee was collected for each entry to fund the program.

Field Plot Design and Plot Management: Hybrids were randomly arranged in the field according to a lattice design with three replications. At all locations, plots were four rows wide (10 feet) and 27 feet long. The center two rows were harvested to determine yield. All tests were planted and harvested with commercial equipment modified for small plot work. Row spacing for all corn tests was 30 inches. Seeding rates were 30,000 kernels/acre for the non-irrigated corn test and 36,000 seeds/acre for the irrigated corn test. Fertilizer was applied at each site at the discretion of the farmer or the research station manager. Herbicides were used to control weeds, and additional hand weeding was done as required. An in-furrow insecticide was applied at all locations. Management details varied among locations and are specified in individual regional crop management summaries.

Data Recorded: Plant stands were recorded mid-season. Lodging was rated immediately before harvest using a scale of 1 to 5 where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged. During harvest, plot grain weights were measured and an electronic moisture tester was used to determine the moisture content of the grain. Yields were corrected to a moisture content of 15.5% and expressed as bushels/acre.

Accessibility of Data: Results of the 2012 crop performance tests are available in print format and online at "varietytesting.missouri.edu". If you need assistance in accessing the web site or would like to receive a printed copy please call 573-882-2307.

NORTH REGION

CROP MANAGEMENT SUMMARY

The Non-Irrigated Corn Test was to be conducted at five locations (Craig, Albany, Mooresville, Novelty, LaGrange) in the North Region. The Irrigated Corn Test was not conducted in the North Region. The Albany and Novelty experiments were not published because of very low yields and extreme variability.

CHARACTERISTICS OF THE NON-IRRIGATED CORN TEST LOCATIONS – NORTH REGION

Location	Soil Type	Soil Test			Precipitation					
		pH	OM	P	K	May	June	July	August	Season ^a
Craig	Blencoe silty clay	7.1	1.8%	36	768	1.5"	3.8"	0.3"	5.9"	11.5"
Albany	(abandoned; see text)									
Mooresville	Grundy silt loam	6.9	2.9%	16	296	2.8"	1.7"	1.3"	0.7"	6.5"
Novelty	(abandoned; see text)									
LaGrange	Westerville silt loam	5.6	2.2%	32	360	2.4"	1.5"	0.5"	1.4"	5.8"
										2830

^a Region average season total precipitation (May through August) = 8.8 inches, 8.1 inches below normal.

^b Region average accumulated growing degree days (May through August) = 2819, 127 above normal.

CROP MANAGEMENT PRACTICES AT THE NON-IRRIGATED CORN TEST LOCATIONS – NORTH REGION

Location	Dates		Fertilizer			Tillage	Herbicides		Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post	
Craig	April 24	Sept. 19	295	80	20	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto Accent	Force 3G
Albany	(abandoned; see text)								
Mooresville	April 26	Sept. 14	235	20	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G
Novelty	(abandoned; see text)								
LaGrange	May 15	Oct 3	215	0	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto		Force 3G

CRAIG, MO (HOLT COUNTY) - NORTH REGION
NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 213-40VT3P	203.8**	15.9	1	29688
ProHarvest 8330VT3P	199.1*	16.5	1	28720
Midland 622PRW	197.4*	15.6	1	29043
Dekalb DKC62-09 GENVT3P	196.7*	15.2	1	29688
Dekalb DKC63-25 GENVT2P	194.5*	18.6	1	29043
MFA Morcorn MC4234VT2P	194.1*	16.4	1	29366
Mycogen 2V707	193.8*	14.5	1	29043
Midland 653PRW	193.7*	15.4	1	28720
Garst 82K01-3111	193.0*	18.5	1	27752
G2 Genetics 5X-915	192.9*	17.1	1	25171
Lewis 1313VT3P	192.3*	14.7	1	27752
Dekalb DKC66-97 GENVT2P	191.9*	14.9	1	29043
ProHarvest 8388VT3P	190.6*	14.7	1	28075
Steyer X21075 GENSSRIBC	190.1*	14.5	1	29043
AgriGold A6517VT3Pro	190.0*	14.4	1	29043
Producers 7014VT3	189.0*	14.0	1	29043
LG 2602VT3Pro	188.9*	14.7	1	27752
AgriGold A6533VT3	188.7*	15.1	1	29688
MFA MorCorn MC3944VT2P	188.6*	15.8	1	26784
FS 63SV4	188.5*	15.3	1	26784
AgriGold A6458VT3	187.8	13.8	1	27752
MFA MorCorn MC4344VT2P	187.3	16.3	1	26784
FS 62MV4	187.0	14.3	1	28398
AgriGold A6553VT3	186.2	15.1	1	29366
Steyer 11302 VT3Pro	185.0	15.9	1	29043
FS 60TV4	184.8	14.2	1	28720
Producers 7394VT3	184.6	13.9	1	28720
Dekalb DKC62-97 GENVT3P	184.5	15.1	1	29688
Channel 215-52VT3P	184.4	15.2	1	28720
Lewis 1311VT3P	184.3	14.2	1	27752
LG 2549VT3	184.2	14.1	1	29366
G2 Genetics 5X-1204	183.9	16.4	1	27430
G2 Genetics 5X-214	183.7	19.0	1	28720
AgriGold A6478VT3Pro	183.1	16.0	1	26461
MFA Morcorn MC4128VT3P	183.0	15.4	1	28075
Channel 217-08VT3P	182.5	14.9	1	28720
G2 Genetics 3D-811	182.5	17.1	1	29043
Mycogen 2A787	182.5	15.1	1	28075
FS 65CX1 RIB	182.3	17.5	1	27752
ProHarvest 8222VT3P	181.3	14.8	1	27107

CRAIG, MO (HOLT COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC61-88 GENVT3P	181.0	15.0	1	28720
Dyna-Gro D54VP81	181.0	15.4	1	29366
Producers 7414VT3	180.6	15.8	1	29688
Dekalb DKC63-87 GENVT2P	180.4	14.1	1	29043
Golden Harvest H-8672 3000GT	180.2	16.2	1	28398
Producers 7224VT3Pro	179.9	15.3	1	27752
LG 2620VT3	179.8	14.3	1	29043
Channel 214-14VT3P	178.7	15.5	1	30011
G2 Genetics 5Z-1205	178.1	15.7	1	28398
MFA Morcorn MC4338VT3P	177.9	17.0	1	28075
Dekalb DKC61-49 GENVT2P	177.7	14.5	1	28398
ProHarvest 8108VT2P	177.7	14.2	1	28398
Dekalb DKC61-17 GENVT3P	177.2	14.3	1	26784
FS 59SV4	176.8	14.3	1	29043
Mycogen M23878	176.5	14.2	1	28398
Lewis 1209VT2P	176.4	14.2	1	27752
Lewis 1215VT3P	176.4	17.9	1	28720
MFA MorCorn MC3849SmStax	176.0	14.3	1	29043
Dyna-Gro D49VP88	175.1	14.5	1	27430
Midland 552PRW	175.0	14.2	1	27752
Producers 7574VT3Pro	174.7	14.6	1	28398
G2 Genetics 5X-411	174.4	16.6	1	26461
Midland 573PRW	174.2	17.0	1	27107
NK N68B-3111	173.6	13.8	1	29043
FS 64JV4	173.3	14.5	1	28398
NK N74R-3000GT	173.2	18.6	1	28075
Channel 211-99VT3P	173.0	14.4	1	28720
Lewis 1308VT3P	173.0	14.3	1	29043
Dyna-Gro D52VC91	170.8	14.9	1	28720
ProHarvest 8702GTCBLL	170.5	18.7	1	28398
Dekalb DKC58-83 GENVT3P	170.0	14.3	1	25171
Rainbow 3070	169.8	14.8	1	28720
Mycogen 2V715	169.8	14.3	1	29043
Dekalb DKC64-69 GENVT3P	168.8	15.2	1	28398
Garst 83G41-3000GT	168.6	15.1	1	28075
AgriGold A6573VT3Pro	168.3	14.1	1	28075
Midland 523BLGW	167.9	14.0	1	27752
Dekalb DKC60-62 GENVT3P	167.8	14.7	1	25816
Rainbow XT1122VIP	167.8	14.8	1	28075
Lewis 1310VT3P	167.6	14.4	1	28075

CRAIG, MO (HOLT COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Merschman M-1209E-16	166.6	14.6	1	28075
Golden Harvest H-9071 3000GT	165.6	14.6	1	27430
Merschman M-1111P-16	165.4	14.2	1	27752
Merschman M-1215D-15	165.0	17.4	1	26784
DAS X20808	163.1	15.6	1	27752
Midland 670PRW	162.7	14.3	1	28398
Mycogen M23931	162.5	14.4	1	26784
Merschman M-1211K-15	160.3	14.6	1	26139
ProHarvest 8145CBLL	159.9	14.4	1	27430
Rainbow 3125GTCBLL	155.6	13.8	1	29043
GRAND MEAN	179.4	15.2	1	28226
LSD (10%)	15.8	1.2		
CV (%)	6.8	6.0		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION
NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-09 GENVT3P	79.8**	16.5	1	27430
ProHarvest 8222VT3P	78.2*	14.0	1	25493
MFA MorCorn MC3944VT2P	75.5*	13.8	1	22912
Dyna-Gro D54VP81	75.1*	17.1	1	23557
Lewis 1313VT3P	74.8*	16.4	1	27107
AgriGold A6553VT3	74.4*	18.8	1	29366
MFA Morcorn MC4234VT2P	74.4*	18.9	1	23234
Producers 7414VT3	74.0*	16.8	1	28720
Mycogen 2V715	72.3*	13.6	1	27430
Producers 7014VT3	72.2*	12.8	1	27107
FS 65CX1 RIB	71.7*	19.5	1	24525
Merschman M-1211K-15	71.4*	14.4	1	27107
Steyer X21075 GENSSRIBC	71.4*	13.7	1	23880
FS 63SV4	71.2*	14.8	1	25816
Dekalb DKC58-83 GENVT3P	70.8*	14.3	1	27430
Channel 215-52VT3P	70.2*	13.8	1	27107
Merschman M-1215D-15	70.1*	19.0	1	25816
Midland 653PRW	69.6	14.3	1	26784
Dekalb DKC60-62 GENVT3P	69.3	13.7	1	25171
LG 2620VT3	69.0	14.6	1	28075
Channel 214-14VT3P	68.8	15.6	1	27107
LG 2602VT3Pro	68.5	16.0	1	27430
Midland 573PRW	68.3	19.8	1	23880
AgriGold A6478VT3Pro	68.1	13.2	1	28075
G2 Genetics 3D-811	68.1	15.5	1	26461
MFA MorCom MC4344VT2P	68.0	14.2	1	20976
Channel 213-40VT3P	67.9	17.0	1	28398
Dekalb DKC63-25 GENVT2P	67.8	18.5	1	28398
Dekalb DKC62-97 GENVT3P	67.7	13.5	1	26461
Lewis 1215VT3P	67.7	16.9	1	28075
LG 2549VT3	67.6	14.3	1	28075
MFA Morcorn MC4128VT3P	67.6	16.2	1	27430
AgriGold A6533VT3	67.3	13.2	1	27752
Lewis 1308VT3P	67.3	13.3	1	28398
Midland 552PRW	67.2	15.1	1	27752
Producers 7574VT3Pro	67.1	19.4	1	26784
Dyna-Gro D52VC91	67.0	14.0	1	27752
AgriGold A6517VT3Pro	66.9	20.0	1	28398
ProHarvest 8108VT2P	66.8	13.5	1	26461
Dyna-Gro D49VP88	66.3	12.7	1	25816

MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 211-99VT3P	66.2	12.5	1	27752
Dekalb DKC61-88 GENVT3P	66.2	13.3	1	28398
Midland 523BLGW	65.9	13.6	1	27430
ProHarvest 8388VT3P	65.9	19.0	1	28720
Dekalb DKC64-69 GENVT3P	65.6	14.4	1	20976
AgriGold A6458VT3	65.2	14.3	1	27107
G2 Genetics 5X-1204	65.2	14.6	1	28075
Mycogen 2A787	64.7	19.4	1	28720
ProHarvest 8145CBLL	64.6	13.1	1	26784
Golden Harvest H-9071 3000GT	64.4	18.4	1	28720
ProHarvest 8330VT3P	64.3	13.3	1	26139
Golden Harvest H-8672 3000GT	64.2	14.0	1	26139
Producers 7224VT3Pro	64.2	15.8	1	27107
Lewis 1310VT3P	64.1	12.1	1	26139
AgriGold A6573VT3Pro	63.8	17.7	1	27752
Producers 7394VT3	63.7	14.4	1	26784
Mycogen 2V707	62.7	12.4	1	27752
Channel 217-08VT3P	62.3	13.5	1	26139
MFA MorCorn MC3849SmStax	61.7	12.5	1	29366
Dekalb DKC66-97 GENVT2P	61.5	14.6	1	26461
Mycogen M23931	61.4	12.7	1	24203
Midland 670PRW	60.8	18.0	1	26784
G2 Genetics 5X-411	59.6	11.0	1	21298
Lewis 1311VT3P	59.3	12.6	1	26139
FS 60TV4	59.0	11.8	1	26461
Merschman M-1209E-16	58.5	12.3	1	23880
Mycogen M23878	58.5	12.4	1	28075
NK N74R-3000GT	58.4	20.8	1	27430
Rainbow XT1122VIP	58.4	16.6	1	21621
Midland 622PRW	58.1	12.6	1	26784
Garst 82K01-3111	58.0	17.3	1	28398
G2 Genetics 5X-214	57.7	17.9	1	20976
Rainbow 3070	57.6	10.1	1	27430
MFA Morcorn MC4338VT3P	57.1	15.0	1	26139
NK N68B-3111	57.1	15.0	1	27752
Rainbow 3125GTCBLL	56.8	12.2	1	29043
Garst 83G41-3000GT	56.6	18.6	1	29043
ProHarvest 8702GTCBLL	56.4	13.5	1	28075
FS 59SV4	56.0	11.2	1	25493
G2 Genetics 5Z-1205	55.3	11.6	1	29366

MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC61-17 GENVT3P	54.1	10.9	1	29043
Dekalb DKC63-87 GENVT2P	52.6	13.3	1	28075
Lewis 1209VT2P	51.7	12.7	1	26784
FS 62MV4	51.4	10.4	1	28398
Steyer 11302 VT3Pro	51.0	15.0	1	26784
G2 Genetics 5X-915	50.4	15.9	1	20976
Merschman M-1111P-16	49.6	11.3	1	28075
FS 64JV4	49.0	10.8	1	27430
DAS X20808	44.8	13.9	1	28720
Dekalb DKC61-49 GENVT2P	43.1	12.2	1	27430
GRAND MEAN	63.9	14.7	1	26695
LSD (10%)	9.8	2.7		
CV (%)	11.5	13.7		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

LA GRANGE, MO (LEWIS COUNTY) - NORTH REGION
NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-09 GENVT3P	145.1**	14.7	1	28720
Lewis 1313VT3P	136.7*	15.4	1	29688
FS 62MV4	136.5*	16.6	1	27752
FS 63SV4	135.1*	16.1	1	27107
Lewis 1209VT2P	133.6*	15.4	1	27107
Merschman M-1209E-16	133.6*	15.7	1	28398
Midland 622PRW	133.3*	16.5	1	28720
Midland 653PRW	133.3*	15.3	1	29688
ProHarvest 8330VT3P	132.9*	17.2	1	28075
Dekalb DKC58-83 GENVT3P	130.4*	12.9	1	29688
FS 59SV4	128.0*	13.9	1	30657
Lewis 1308VT3P	127.1*	13.7	1	29366
Merschman M-1215D-15	126.9*	16.3	1	27752
Steyer 11302 VT3Pro	126.5	15.9	2	29366
Producers 7394VT3	126.1	16.7	1	29366
FS 64JV4	125.9	17.2	1	27430
Producers 7414VT3	125.4	15.8	1	29043
Producers 7574VT3Pro	125.1	16.6	1	29688
AgriGold A6458VT3	124.7	13.5	1	30011
AgriGold A6533VT3	124.1	13.8	1	30657
Lewis 1311VT3P	123.9	14.9	1	28075
Dekalb DKC64-69 GENVT3P	123.5	15.4	1	28720
Midland 552PRW	123.3	13.6	1	25816
NK N68B-3111	122.7	16.2	1	28398
Dekalb DKC63-87 GENVT2P	122.3	15.8	1	29043
Mycogen 2V707	120.9	13.3	1	29366
Dyna-Gro D52VC91	120.8	15.2	1	28720
AgriGold A6478VT3Pro	119.3	13.8	1	27107
AgriGold A6553VT3	118.8	15.5	1	29043
Dyna-Gro D54VP81	118.8	15.2	1	29043
Channel 214-14VT3P	118.4	17.1	1	28720
LG 2620VT3	118.1	15.5	1	29043
Mycogen 2V715	118.1	14.1	1	29043
Channel 215-52VT3P	118.0	15.0	1	28398
Channel 211-99VT3P	117.9	14.2	1	27430
MFA Morcorn MC4234VT2P	117.6	15.0	1	28720
Dekalb DKC61-49 GENVT2P	117.4	15.4	1	29688
Dyna-Gro D49VP88	117.4	14.4	1	26784
MFA MorCorn MC3849SmStax	116.9	13.2	1	29043
Dekalb DKC60-62 GENVT3P	115.4	12.8	1	28398

LA GRANGE, MO (LEWIS COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
ProHarvest 8108VT2P	115.4	16.4	1	28398
Dekalb DKC66-97 GENVT2P	115.3	15.3	1	29366
Dekalb DKC63-25 GENVT2P	115.2	17.8	1	28075
LG 2549VT3	115.2	14.5	1	29688
MFA MorCorn MC4344VT2P	114.8	15.6	1	26139
Channel 213-40VT3P	113.7	15.0	1	29043
FS 65CX1 RIB	113.3	16.9	1	28075
MFA Morcorn MC4128VT3P	113.2	15.3	1	26461
Steyer X21075 GENSSRIBC	112.9	13.1	1	29043
Channel 217-08VT3P	112.8	16.8	1	29043
Dekalb DKC62-97 GENVT3P	112.0	15.1	1	29366
MFA Morcorn MC4338VT3P	111.8	16.6	1	28398
Dekalb DKC61-17 GENVT3P	111.4	15.4	1	27107
MFA MorCom MC3944VT2P	111.2	14.2	1	28075
Lewis 1215VT3P	111.0	15.7	1	28398
Merschman M-1111P-16	109.3	16.4	1	29043
AgriGold A6573VT3Pro	108.4	16.6	1	27752
Lewis 1310VT3P	108.0	13.3	1	28720
Mycogen M23878	107.9	15.3	1	28720
ProHarvest 8222VT3P	107.5	15.0	1	28075
Mycogen M23931	107.4	17.1	1	28075
Garst 82K01-3111	107.2	15.5	1	29688
Producers 7014VT3	107.0	12.9	1	29366
NK N74R-3000GT	106.7	18.5	1	29043
G2 Genetics 5X-411	106.5	14.5	1	25493
Merschman M-1211K-15	106.2	14.0	1	29688
Rainbow 3070	104.7	16.6	1	28720
Midland 670PRW	104.5	17.3	1	28398
FS 60TV4	103.5	13.5	1	26139
Golden Harvest H-9071 3000GT	102.9	17.4	1	29043
Mycogen 2A787	100.6	14.3	1	29366
LG 2602VT3Pro	100.1	14.4	1	29366
ProHarvest 8388VT3P	100.1	16.4	1	29205
ProHarvest 8702GTCBLL	97.6	16.8	1	29366
G2 Genetics 5X-214	97.2	15.2	1	28398
Dekalb DKC61-88 GENVT3P	97.1	15.7	2	29688
G2 Genetics 5X-1204	97.1	15.3	1	28398
AgriGold A6517VT3Pro	95.1	13.2	1	29366
ProHarvest 8145CBLL	94.6	16.1	1	28075
Producers 7224VT3Pro	94.0	15.5	1	29366

LA GRANGE, MO (LEWIS COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Rainbow 3125GTCBLL	93.8	15.0	1	29366
Midland 523BLGW	93.1	15.5	1	28720
Midland 573PRW	93.1	14.1	1	27430
G2 Genetics 3D-811	89.6	14.2	1	28075
Golden Harvest H-8672 3000GT	83.8	14.6	1	29366
G2 Genetics 5X-915	83.1	15.8	1	26139
G2 Genetics 5Z-1205	80.5	15.8	1	29366
Garst 83G41-3000GT	78.5	18.6	1	29366
Rainbow XT1122VIP	33.2	18.1	1	29043
DAS X20808	5.3	19.0	1	28075
GRAND MEAN	111.1	15.4	1	28590
LSD (10%)	18.3	1.8		
CV (%)	9.9	7.2		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

NORTH REGION SUMMARY
NON-IRRIGATED CORN TEST

Brand/Variety	Craig Bu/Ac	Mooresville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
Dekalb DKC62-09 GENVT3P	196.7*	79.8**	145.1**	140.0**
Lewis 1313VT3P	192.3*	74.8*	136.7*	134.3*
Midland 653PRW	193.7*	69.6	133.3*	132.1*
ProHarvest 8330VT3P	199.1*	64.3	132.9*	132.0*
FS 63SV4	188.5*	71.2*	135.1*	131.2
Channel 213-40VT3P	203.8**	67.9	113.7	130.3
MFA Morcorn MC4234VT2P	194.1*	74.4*	117.6	130.1
Midland 622PRW	197.4*	58.1	133.3*	129.1
AgriGold A6553VT3	186.2	74.4*	118.8	127.4
Dekalb DKC63-25 GENVT2P	194.5*	67.8	115.2	127.2
AgriGold A6533VT3	188.7*	67.3	124.1	127.0
MFA MorCorn MC3944VT2P	188.6*	75.5*	111.2	126.8
Producers 7414VT3	180.6	74.0*	125.4	126.8
Mycogen 2V707	193.8*	62.7	120.9	126.4
Steyer X21075 GENSSRIBC	190.1*	71.4*	112.9	126.3
AgriGold A6458VT3	187.8	65.2	124.7	126.1
Dyna-Gro D54VP81	181.0	75.1*	118.8	125.7
Channel 215-52VT3P	184.4	70.2*	118.0	125.0
Producers 7014VT3	189.0*	72.2*	107.0	124.7
Producers 7394VT3	184.6	63.7	126.1	124.6
MFA MorCorn MC4344VT2P	187.3	68.0	114.8	124.4
ProHarvest 8222VT3P	181.3	78.2*	107.5	124.2
AgriGold A6478VT3Pro	183.1	68.1	119.3	124.0
Dekalb DKC66-97 GENVT2P	191.9*	61.5	115.3	123.9
FS 65CX1 RIB	182.3	71.7*	113.3	123.6
FS 62MV4	187.0	51.4	136.5*	123.5
LG 2549VT3	184.2	67.6	115.2	123.2
Dekalb DKC58-83 GENVT3P	170.0	70.8*	130.4*	122.9
LG 2620VT3	179.8	69.0	118.1	122.8
Dekalb DKC62-97 GENVT3P	184.5	67.7	112.0	122.6
Channel 214-14VT3P	178.7	68.8	118.4	122.4
Lewis 1311VT3P	184.3	59.3	123.9	122.3
MFA Morcorn MC4128VT3P	183.0	67.6	113.2	122.3
Producers 7574VT3Pro	174.7	67.1	125.1	122.0
Lewis 1308VT3P	173.0	67.3	127.1*	121.9
Midland 552PRW	175.0	67.2	123.3	121.7
LG 2602VT3Pro	188.9*	68.5	100.1	121.6
ProHarvest 8388VT3P	190.6*	65.9	100.1	121.2
Garst 82K01-3111	193.0*	58.0	107.2	120.9
ProHarvest 8108VT2P	177.7	66.8	115.4	120.5

NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Craig Bu/Ac	Mooresville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
Mycogen 2V715	169.8	72.3*	118.1	120.3
Steyer 11302 VT3Pro	185.0	51.0	126.5	120.1
AgriGold A6517VT3Pro	190.0*	66.9	95.1	120.1
Channel 217-08VT3P	182.5	62.3	112.8	120.0
Merschman M-1215D-15	165.0	70.1*	126.9*	119.9
Dyna-Gro D49VP88	175.1	66.3	117.4	119.9
Dyna-Gro D52VC91	170.8	67.0	120.8	119.4
FS 59SV4	176.8	56.0	128.0*	119.3
Lewis 1215VT3P	176.4	67.7	111.0	119.3
Channel 211-99VT3P	173.0	66.2	117.9	119.2
Lewis 1209VT2P	176.4	51.7	133.6*	118.9
Dekalb DKC64-69 GENVT3P	168.8	65.6	123.5	118.8
MFA MorCorn MC3849SmStax	176.0	61.7	116.9	118.4
Dekalb DKC63-87 GENVT2P	180.4	52.6	122.3	118.0
Mycogen 2A787	182.5	64.7	100.6	117.9
Merschman M-1209E-16	166.6	58.5	133.6*	117.8
Dekalb DKC60-62 GENVT3P	167.8	69.3	115.4	117.8
G2 Genetics 5X-1204	183.9	65.2	97.1	117.7
FS 60TV4	184.8	59.0	103.5	117.3
NK N68B-3111	173.6	57.1	122.7	117.2
Dekalb DKC61-88 GENVT3P	181.0	66.2	97.1	117.0
G2 Genetics 3D-811	182.5	68.1	89.6	116.4
MFA Morcorn MC4338VT3P	177.9	57.1	111.8	116.1
Mycogen M23878	176.5	58.5	107.9	115.1
Producers 7224VT3Pro	179.9	64.2	94.0	115.0
FS 64JV4	173.3	49.0	125.9	114.8
G2 Genetics 5X-214	183.7	57.7	97.2	114.8
Dekalb DKC61-17 GENVT3P	177.2	54.1	111.4	114.6
G2 Genetics 5X-411	174.4	59.6	106.5	114.4
Midland 573PRW	174.2	68.3	93.1	114.2
AgriGold A6573VT3Pro	168.3	63.8	108.4	114.1
Lewis 1310VT3P	167.6	64.1	108.0	113.9
NK N74R-3000GT	173.2	58.4	106.7	113.5
Merschman M-1211K-15	160.3	71.4*	106.2	113.4
Golden Harvest H-8672 3000GT	180.2	64.2	83.8	112.6
Dekalb DKC61-49 GENVT2P	177.7	43.1	117.4	112.2
G2 Genetics 5X-915	192.9*	50.4	83.1	112.0
Golden Harvest H-9071 3000GT	165.6	64.4	102.9	112.0
Rainbow 3070	169.8	57.6	104.7	111.5
Midland 523BLGW	167.9	65.9	93.1	111.0

NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Craig Bu/Ac	Mooresville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
Mycogen M23931	162.5	61.4	107.4	110.8
Midland 670PRW	162.7	60.8	104.5	109.9
ProHarvest 8702GTCBLL	170.5	56.4	97.6	109.5
Merschman M-1111P-16	165.4	49.6	109.3	108.0
ProHarvest 8145CBLL	159.9	64.6	94.6	107.8
G2 Genetics 5Z-1205	178.1	55.3	80.5	107.7
Garst 83G41-3000GT	168.6	56.6	78.5	104.1
Rainbow 3125GTCBLL	155.6	56.8	93.8	103.1
Rainbow XT1122VIP	167.8	58.4	33.2	93.1
DAS X20808	163.1	44.8	5.3	79.3
GRAND MEAN	179.4	63.9	111.1	119.1
LSD (10%)	15.8	9.8	18.3	8.4
CV (%)	6.8	11.5	9.9	8.5

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

CENTRAL REGION

CROP MANAGEMENT SUMMARY

The Non-Irrigated Corn Test was to be conducted at five locations (Henrietta, Marshall, Columbia, Truxton, and Annada) in the Central Region. Columbia and Truxton locations were abandoned because of extremely low yield. The Irrigated Corn Test was conducted at two locations (Columbia, Laddonia) in the Central Region.

CHARACTERISTICS OF THE NON-IRRIGATED CORN TEST LOCATIONS – CENTRAL REGION

Location	Soil Type	Soil Test					Precipitation				
		pH	OM	P	K	May	June	July	August	Season ^a	GDD ^b
Henrietta	Haynie silt loam	5.7	1.8%	50	482	2.1"	2.2"	1.4"	1.6"	7.3"	3048
Marshall	Joy silt loam	6.9	3.4%	116	436	2.2"	0.8"	1.4"	0.9"	5.3"	3037
Columbia	(abandoned; see text)										
Truxton	(abandoned; see text)										
Annada	Tice silt loam	5.2	2.5%	36	200	1.8"	1.3"	2.0"	0.4"	5.5"	2933

CHARACTERISTICS OF THE IRRIGATED CORN TEST LOCATIONS – CENTRAL REGION

Location	Soil Type	Soil Test					Precipitation				
		pH	OM	P	K	May	June	July	August	Season ^a	Irrigate ^b
Columbia	Mexico silt loam	6.2	2.6%	76	368	0.4"	1.5"	1.2"	0.6"	3.7"	23.8"
Laddonia	Mexico silt loam	7.0	1.9%	78	236	1.3"	1.8"	2.4"	0.4"	5.9"	13.0"

^a Region average season total precipitation (May through August) = 5.7 inches, 10.5 inches below normal.

^b Region average accumulated growing degree days (May through August) = 2991, 152 above normal

CROP MANAGEMENT PRACTICES AT THE NON-IRRIGATED CORN TEST LOCATIONS – CENTRAL REGION

Location	Dates		Fertilizer			Tillage	Herbicide		Post	Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post		
Henrietta	April 23	Sept 11	225	40	60	Min.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G	
Marshall	April 19	Sept 10	260	60	0	Notill	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G	
Columbia	(abandoned; see text)									
Truxton	(abandoned; see text)									
Annada	May 14	Oct 3	240	15	45	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G	

CROP MANAGEMENT PRACTICES AT THE IRRIGATED CORN TEST LOCATIONS – CENTRAL REGION

Location	Dates		Fertilizer			Tillage	Herbicide		Post	Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post		
Columbia	April 26	Sept 20	250	0	0	Notill	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G	
Laddonia	May 11	Sept 20	270	60	40	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto Accent	Force 3G	

HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION
NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC61-88 GENVT3P	201.1**	14.7	1	29043
FS 64JV4	197.2*	14.9	1	28720
Kruger K-7315	195.3*	14.9	1	28075
Dekalb DKC64-69 GENVT3P	192.7*	13.4	1	29043
Channel 213-40VT3P	191.9*	13.3	1	28720
Channel 214-14VT3P	191.3*	15.2	1	28075
LG 2620VT3	188.2*	13.7	1	28720
MFA Morcorn MC4234VT2P	187.9*	15.0	1	27430
Lewis 1315VT3P	187.3*	14.0	1	26784
MFA Morcorn MC4128VT3P	187.1*	14.3	1	27752
Midland 653PRW	187.0*	15.5	1	28075
Dekalb DKC62-09 GENVT3P	186.8*	13.2	1	28720
Dekalb DKC67-57 GENVT3P	185.9*	16.1	1	29688
MFA Morcorn MC4338VT3P	184.9*	14.9	1	27107
Channel 215-52VT3P	184.4*	13.0	1	28398
MFA MorCorn MC3944VT2P	183.7*	13.8	1	27752
ProHarvest 8330VT3P	183.3*	14.8	1	29688
FS 62MV4	183.1*	14.5	1	28398
AgriGold A6533VT3	183.0*	13.8	1	27752
Lewis 1215VT3P	182.5*	15.4	1	27752
Kruger K4R-9514	182.3*	14.2	1	27752
Dekalb DKC66-86 GENVT3P	182.2*	14.9	1	29688
AgriGold A6458VT3	181.8*	12.8	1	29043
Channel 211-99VT3P	181.8*	13.2	1	29688
Producers 7224VT3Pro	181.3*	14.9	1	29688
Lewis 1313VT3P	181.2*	14.1	1	28720
Kruger K-7615	181.1*	14.4	1	27752
Midland 573PRW	180.2*	15.6	1	27752
Garst 82K01-3111	178.3*	15.7	1	29366
AgriGold A6553VT3	178.0*	14.3	1	29043
Kruger KR-4510	177.9*	11.6	1	28398
Lewis 1308VT3P	176.7*	13.0	1	30011
Kruger K-7215	176.4*	15.2	1	27430
Channel 217-08VT3P	176.0*	14.3	1	28398
FS 63SV4	175.4	16.7	1	27107
Dekalb DKC61-17 GENVT3P	174.1	13.1	1	27430
Kruger K-7911	174.0	13.0	1	27107
MFA MorCorn MC4344VT2P	174.0	14.1	1	27107
FS 60TV4	173.3	12.7	1	27430
Hoegemeyer 8239 HxLLRR	172.2	13.1	1	29366

HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6476VT3Pro	171.4	13.9	1	28720
AgriGold A6517VT3Pro	170.6	15.1	1	29366
Kruger K-7211	170.5	13.3	1	28398
Dyna-Gro D54VP81	170.0	14.9	1	29688
Rainbow XT1122VIP	169.7	13.1	1	26784
Dyna-Gro D51VP32	169.6	12.7	1	29043
Kruger KR-4714	169.4	13.3	1	28720
ProHarvest 8108VT2P	169.0	13.3	1	27107
Mycogen 2V707	168.3	12.9	1	29043
Dekalb DKC66-97 GENVT2P	167.6	14.6	2	29043
G2 Genetics 5X-915	167.3	13.9	1	22912
Hoegemeyer 7616 HxLLRR	166.7	13.4	1	27107
Producers 7414VT3	164.5	15.3	1	29043
Midland 622PRW	164.4	12.6	1	28720
Midland 523BLGW	163.7	11.9	1	29688
NK N68B-3111	162.3	13.6	1	29043
G2 Genetics 5H-515	161.7	15.0	1	29043
Producers 7574VT3Pro	161.5	14.1	1	29688
Dekalb DKC60-62 GENVT3P	161.1	13.1	1	25493
Dekalb DKC63-25 GENVT2P	161.0	15.3	1	28075
Dekalb DKC61-49 GENVT2P	160.8	12.5	2	29043
G2 Genetics 5X-1204	160.1	13.0	1	28720
Producers 7394VT3	160.1	14.3	1	28720
Lewis 1311VT3P	159.6	13.9	1	28075
Mycogen 2V715	159.6	13.0	1	29688
Dekalb DKC62-97 GENVT3P	157.8	13.3	1	29043
ProHarvest 8388VT3P	157.3	15.1	1	28398
Steyer 11302 VT3Pro	157.2	13.7	1	29688
Producers 7014VT3	156.7	13.2	1	28720
Midland 552PRW	155.9	12.7	1	27430
Golden Harvest H-9011 4011	155.8	13.4	1	26784
G2 Genetics 5Z-1205	155.4	12.5	1	29043
MFA MorCorn MC3849SmStax	154.4	11.9	1	29688
Golden Harvest H-9017 3000GT	153.4	13.9	1	29043
NK N74R-3000GT	152.8	14.3	1	29043
Hoegemeyer 7876 AMR AQUAmax	151.7	11.5	1	28720
FS 61BX1 RIB	151.6	12.3	1	29366
FS 65CX1 RIB	151.5	15.1	1	28398
Hoegemeyer 8388 HxLLRR	148.2	15.0	1	29366
Midland 670PRW	148.0	14.3	1	28075

HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
G2 Genetics 5X-214	147.2	14.7	1	27752
Mycogen 2A787	146.9	13.7	1	28398
Dekalb DKC63-87 GENVT2P	146.4	12.0	2	29043
Mycogen M23931	145.9	13.7	1	28075
Kruger K-7810	145.8	12.1	1	28398
Garst 83G41-3000GT	145.7	13.1	1	29366
AgriGold A6573VT3Pro	145.5	14.5	1	29366
LG 2636VT3Pro	143.4	14.9	1	29688
Hoegemeyer 8122 HxLLRR	142.8	13.8	1	27430
Kruger K-7312	141.9	13.0	2	29688
Lewis 1310VT3P	140.7	13.5	1	29043
Midland 779PRW	138.0	15.5	1	28398
Rainbow 3125GTCBLL	131.8	12.4	1	29366
DAS X20808	131.6	14.8	1	30011
Rainbow 3146GT3	131.2	13.5	1	27752
Kruger KR-4014	128.2	13.5	1	28720
Mycogen M23878	123.2	14.5	2	28720
ProHarvest 8702GTCBLL	118.6	14.0	3	29366
G2 Genetics 5H-716	99.3	14.6	1	26784
Rainbow 3157	98.2	14.8	1	28075
GRAND MEAN	164.5	13.9	1	28472
LSD (10%)	25.2	1.2		
CV (%)	11.4	6.2		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

**MARSHALL, MO (SALINE COUNTY) - CENTRAL REGION
NON-IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC67-57 GENVT3P	206.0**	17.4	1	28075
Dekalb DKC62-09 GENVT3P	205.7*	15.3	1	28720
Channel 211-99VT3P	204.1*	15.8	1	28075
Midland 653PRW	202.6*	17.7	1	27752
Dyna-Gro D54VP81	199.8*	16.6	1	27430
Lewis 1313VT3P	198.6*	17.0	1	28398
Dekalb DKC66-97 GENVT2P	196.6*	17.8	1	27107
Kruger K-7315	195.8*	17.3	1	26784
MFA MorCom MC4234VT2P	193.8*	17.1	1	26139
Channel 213-40VT3P	192.2*	15.1	1	27430
Dekalb DKC61-88 GENVT3P	192.2*	15.8	1	27752
Channel 214-14VT3P	191.5*	16.5	1	26784
MFA MorCom MC4338VT3P	191.5*	16.7	1	26784
Dekalb DKC63-87 GENVT2P	191.0*	15.3	1	29043
Dekalb DKC64-69 GENVT3P	190.8*	15.9	1	27752
Garst 82K01-3111	190.3*	18.1	1	28075
Lewis 1315VT3P	190.1*	17.3	1	27430
Dekalb DKC61-17 GENVT3P	190.1*	15.1	1	28398
Channel 215-52VT3P	189.8*	16.3	1	28075
Rainbow 3157	189.7*	17.8	1	28398
Lewis 1311VT3P	189.6*	15.7	1	26784
Dekalb DKC62-97 GENVT3P	189.0*	15.3	1	28075
Channel 217-08VT3P	188.9*	18.3	1	29366
Midland 573PRW	188.4*	15.9	1	24848
Lewis 1215VT3P	188.2*	17.3	1	28075
FS 62MV4	187.8*	17.1	1	28720
Mycogen 2V707	186.1*	15.2	1	27107
NK N68B-3111	185.9*	14.9	1	29366
Midland 552PRW	185.6*	15.8	1	27752
MFA MorCom MC4128VT3P	185.0*	16.3	1	25493
G2 Genetics 5H-515	184.6*	17.5	1	28398
MFA MorCom MC3944VT2P	183.7*	14.7	1	25493
Dekalb DKC66-86 GENVT3P	183.6*	17.7	1	26784
MFA MorCom MC4344VT2P	181.9*	16.1	1	27752
AgriGold A6476VT3Pro	181.8*	13.9	1	28398
Kruger K-7911	181.7*	15.2	1	27752
Kruger K-7615	181.6*	15.1	1	28075
Lewis 1308VT3P	181.5	15.3	1	28398
FS 63SV4	181.3	16.9	1	25493
MFA MorCom MC3849SmStax	179.5	14.4	1	29366

MARSHALL, MO (SALINE COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Kruger K-7215	179.0	17.5	1	26784
AgriGold A6533VT3	177.6	15.4	1	29366
Midland 622PRW	177.2	16.3	1	28398
Lewis 1310VT3P	176.5	15.1	1	27430
Producers 7394VT3	175.5	15.7	1	28398
AgriGold A6573VT3Pro	175.4	15.7	1	29366
ProHarvest 8330VT3P	175.1	17.2	1	27430
Kruger K-7810	175.1	15.1	1	28720
Producers 7014VT3	175.1	14.9	1	28720
Mycogen 2V715	174.7	15.0	1	29366
Kruger KR-4014	174.6	16.6	1	27107
FS 60TV4	173.9	14.9	1	26139
Producers 7414VT3	173.7	16.7	1	27430
Mycogen M23878	173.6	16.0	2	28398
AgriGold A6458VT3	173.1	15.0	1	28075
LG 2620VT3	172.8	14.9	1	28398
ProHarvest 8108VT2P	172.6	16.1	1	28720
Hoegemeyer 7876 AMR AQUAmax	172.5	14.3	1	27752
Midland 670PRW	172.3	17.0	1	28398
Hoegemeyer 7616 HxLLRR	171.1	15.2	1	28398
FS 65CX1 RIB	171.0	17.3	1	27752
Producers 7574VT3Pro	169.4	15.3	1	29043
Kruger KR-4510	169.2	14.0	1	28720
Hoegemeyer 8122 HxLLRR	168.6	16.3	1	27430
Steyer 11302 VT3Pro	168.5	15.4	1	29366
Kruger K4R-9514	168.3	16.2	1	27430
ProHarvest 8388VT3P	167.6	16.1	1	28075
LG 2636VT3Pro	167.2	16.2	1	29688
Kruger K-7211	166.7	15.5	1	27752
Kruger KR-4714	165.5	15.7	1	26784
G2 Genetics 5H-716	165.3	17.2	1	28398
Dekalb DKC63-25 GENVT2P	165.2	17.6	1	28398
FS 64JV4	164.8	14.5	1	26784
Golden Harvest H-9011 4011	164.6	16.3	1	28075
AgriGold A6553VT3	164.5	15.0	1	28720
Dyna-Gro D51VP32	160.6	15.5	1	27107
AgriGold A6517VT3Pro	160.4	16.4	1	28398
Dekalb DKC61-49 GENVT2P	159.2	14.3	1	29688
Midland 523BLGW	159.1	15.5	1	27430
Kruger K-7312	157.7	14.3	1	27752

MARSHALL, MO (SALINE COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mycogen 2A787	156.7	16.4	1	28720
FS 61BX1 RIB	155.6	15.3	1	28075
Producers 7224VT3Pro	154.7	16.1	1	27752
Hoegemeyer 8239 HxLLRR	153.9	15.1	1	25493
NK N74R-3000GT	151.4	17.5	1	29043
Dekalb DKC60-62 GENVT3P	150.4	13.8	1	27107
Midland 779PRW	150.4	17.6	1	27752
Mycogen M23931	150.3	17.9	1	27752
Hoegemeyer 8388 HxLLRR	150.0	16.8	1	29043
Rainbow XT1122VIP	149.2	15.7	1	27430
Rainbow 3125GTCBLL	143.1	13.6	1	28398
G2 Genetics 5Z-1205	141.3	15.9	1	29043
ProHarvest 8702GTCBLL	141.0	16.5	1	28720
Garst 83G41-3000GT	140.9	16.3	1	27430
Rainbow 3146GT3	139.9	16.5	1	27107
Golden Harvest H-9071 3000GT	138.5	16.4	1	28720
G2 Genetics 5X-214	137.5	16.7	1	27430
G2 Genetics 5X-915	132.0	15.9	1	24848
G2 Genetics 5X-1204	131.5	14.8	1	25493
DAS X20808	76.5	18.2	1	28720
GRAND MEAN	172.4	16.0	1	27856
LSD (10%)	24.4	1.2		
CV (%)	10.5	5.4		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

**ANNADA, MO (PIKE COUNTY) - CENTRAL REGION
NON-IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 573PRW	146.9**	20.1	2	26139
ProHarvest 8388VT3P	145.8*	18.7	2	28720
Kruger K-7215	133.0*	19.5	1	26461
FS 64JV4	131.9*	19.8	1	28075
Channel 217-08VT3P	127.7*	20.7	1	29043
Dekalb DKC60-62 GENVT3P	125.1*	17.0	2	27752
Steyer 11302 VT3Pro	120.0*	20.0	3	28398
MFA Morcorn MC4338VT3P	118.5*	19.7	2	27752
Kruger KR-4510	118.4*	14.7	4	28398
Dyna-Gro D51VP32	118.3*	19.1	2	28720
Dekalb DKC64-69 GENVT3P	117.7*	19.2	3	28720
Dekalb DKC66-86 GENVT3P	117.1*	21.1	1	28075
Garst 83G41-3000GT	116.0	19.6	1	28720
Lewis 1315VT3P	115.9	20.4	2	28075
Mycogen 2V707	115.9	17.3	3	27752
Kruger K-7315	115.0	19.7	3	27430
Rainbow XT1122VIP	113.1	19.9	1	26784
Dekalb DKC61-88 GENVT3P	112.1	19.6	2	29043
Dekalb DKC67-57 GENVT3P	111.5	19.8	1	28720
Midland 779PRW	109.0	18.6	1	29366
Midland 670PRW	108.9	20.1	4	27430
Kruger K4R-9514	107.7	19.9	1	27752
Hoegemeyer 8122 HxLLRR	106.7	19.6	2	29366
Lewis 1313VT3P	106.0	19.6	2	28075
Producers 7394VT3	104.1	19.0	3	27430
Channel 215-52VT3P	104.0	18.1	1	27430
Mycogen M23931	103.4	19.2	2	27430
AgriGold A6553VT3	102.4	19.4	5	29366
MFA MorCorn MC4344VT2P	102.4	20.1	1	27752
Channel 213-40VT3P	101.7	19.6	2	26139
Lewis 1215VT3P	101.6	19.4	1	27430
Lewis 1308VT3P	100.6	15.2	4	29043
ProHarvest 8108VT2P	100.5	21.1	2	28075
Kruger K-7615	100.0	17.2	2	28075
Rainbow 3146GT3	98.8	20.2	3	24525
MFA MorCorn MC3944VT2P	98.6	19.2	1	24848
Kruger K-7211	97.8	18.7	4	28075
FS 65CX1 RIB	97.7	20.6	1	27107
AgriGold A6476VT3Pro	97.6	19.5	2	27107
Dyna-Gro D54VP81	97.3	19.4	3	29366

ANNADA, MO (PIKE COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
FS 63SV4	96.8	18.2	2	26461
G2 Genetics 5X-1204	96.3	19.3	4	26461
DAS X20808	96.2	21.2	2	27107
Mycogen 2V715	96.0	14.7	3	28075
ProHarvest 8330VT3P	95.8	18.6	3	27430
Hoegemeyer 8239 HxLLRR	95.5	18.9	3	26461
Lewis 1310VT3P	95.3	15.3	1	26139
Dekalb DKC62-97 GENVT3P	95.2	19.6	1	28398
Kruger KR-4014	93.8	19.1	2	28398
G2 Genetics 5H-515	93.1	20.7	4	28075
Kruger K-7911	93.0	19.2	1	27430
Dekalb DKC61-17 GENVT3P	92.6	19.0	2	26461
Lewis 1311VT3P	91.8	19.4	2	26139
Dekalb DKC63-25 GENVT2P	91.5	20.2	3	27107
MFA Morcorn MC4128VT3P	91.5	19.0	3	25816
Channel 211-99VT3P	91.1	17.2	3	28398
G2 Genetics 5X-214	90.9	20.0	3	29043
Hoegemeyer 7876 AMR AQUAmax	90.9	17.1	2	27752
LG 2636VT3Pro	89.3	19.1	3	29043
Kruger K-7312	89.2	17.4	1	28720
NK N68B-3111	89.0	19.3	1	28720
Dekalb DKC62-09 GENVT3P	88.5	18.9	4	29043
Hoegemeyer 7616 HxLLRR	88.4	19.0	2	27430
Midland 653PRW	88.2	18.7	2	28398
MFA Morcorn MC4234VT2P	88.1	19.0	1	26784
Producers 7414VT3	86.0	18.6	4	28720
Dekalb DKC61-49 GENVT2P	84.5	19.6	1	27430
Golden Harvest H-9011 4011	84.2	18.5	2	28720
Garst 82K01-3111	82.7	20.7	2	29688
LG 2620VT3	82.0	18.8	3	26784
Kruger K-7810	81.8	15.3	1	27430
AgriGold A6533VT3	81.1	17.0	4	29366
FS 62MV4	80.7	20.0	4	27752
Midland 552PRW	80.2	19.4	1	29366
ProHarvest 8702GTCBLL	80.2	20.0	5	28398
FS 60TV4	79.9	18.7	3	24525
Mycogen M23878	79.4	15.6	5	29043
AgriGold A6573VT3Pro	78.9	19.8	2	28720
AgriGold A6517VT3Pro	76.7	20.0	3	27430
Mycogen 2A787	76.0	19.3	4	27752

ANNADA, MO (PIKE COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
MFA MorCorn MC3849SmStax	75.0	17.0	2	27752
G2 Genetics 5Z-1205	74.6	19.0	3	28075
Rainbow 3125GTCBLL	74.4	18.9	2	29366
Channel 214-14VT3P	73.6	17.4	2	29043
Kruger KR-4714	73.0	19.9	1	29366
Golden Harvest H-9071 3000GT	72.0	17.6	1	28075
Dekalb DKC63-87 GENVT2P	70.6	19.5	2	28720
FS 61BX1 RIB	68.4	16.4	1	29688
AgriGold A6458VT3	68.2	18.7	4	28398
Midland 523BLGW	66.1	18.3	1	27430
Hoegemeyer 8388 HxLLRR	65.7	21.1	5	28075
NK N74R-3000GT	64.2	20.5	1	29043
Dekalb DKC66-97 GENVT2P	61.3	20.5	2	29688
Midland 622PRW	59.3	16.5	3	27107
G2 Genetics 5X-915	58.4	18.8	3	24525
Producers 7224VT3Pro	56.2	18.4	3	28720
Producers 7574VT3Pro	55.2	17.2	1	28720
Producers 7014VT3	52.8	13.8	3	29366
Rainbow 3157	44.0	16.5	2	26139
G2 Genetics 5H-716	36.8	14.4	2	27430
GRAND MEAN	92.6	18.8	2	27891
LSD (10%)	30.7	2.6		
CV (%)	20.0	8.5		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

CENTRAL REGION SUMMARY

NON-IRRIGATED CORN TEST

Brand/Variety	Henrietta Bu/Ac	Marshall Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
Dekalb DKC61-88 GENVT3P	201.1**	192.2*	112.1	175.5**
Kruger K-7315	195.3*	195.8*	115.0	175.4*
Midland 573PRW	180.2*	188.4*	146.9**	175.0*
Dekalb DKC67-57 GENVT3P	185.9*	206.0**	111.5	174.8*
Dekalb DKC64-69 GENVT3P	192.7*	190.8*	117.7*	173.2*
MFA Morcorn MC4338VT3P	184.9*	191.5*	118.5*	170.8*
Lewis 1315VT3P	187.3*	190.1*	115.9	170.5*
Channel 213-40VT3P	191.9*	192.2*	101.7	169.5*
Dekalb DKC62-09 GENVT3P	186.8*	205.7*	88.5	169.3*
Lewis 1313VT3P	181.2*	198.6*	106.0	168.9*
Channel 217-08VT3P	176.0*	188.9*	127.7*	168.8*
FS 64JV4	197.2*	164.8	131.9*	168.7*
Midland 653PRW	187.0*	202.6*	88.2	168.2*
Channel 211-99VT3P	181.8*	204.1*	91.1	167.8*
Kruger K-7215	176.4*	179.0	133.0*	166.5*
Dekalb DKC66-86 GENVT3P	182.2*	183.6*	117.1*	166.5*
Channel 215-52VT3P	184.4*	189.8*	104.0	166.3*
MFA Morcorn MC4234VT2P	187.9*	193.8*	88.1	165.2*
Lewis 1215VT3P	182.5*	188.2*	101.6	164.4*
Dyna-Gro D54VP81	170.0	199.8*	97.3	163.0*
MFA MorCorn MC3944VT2P	183.7*	183.7*	98.6	162.4*
MFA Morcorn MC4128VT3P	187.1*	185.0*	91.5	162.4*
Channel 214-14VT3P	191.3*	191.5*	73.6	162.0*
Mycogen 2V707	168.3	186.1*	115.9	161.9*
Kruger K-7615	181.1*	181.6*	100.0	161.0*
Kruger KR-4510	177.9*	169.2	118.4*	159.8
Dekalb DKC61-17 GENVT3P	174.1	190.1*	92.6	159.7
Lewis 1308VT3P	176.7*	181.5	100.6	159.5
FS 62MV4	183.1*	187.8*	80.7	159.3
MFA MorCorn MC4344VT2P	174.0	181.9*	102.4	159.1
Garst 82K01-3111	178.3*	190.3*	82.7	158.9
Kruger K4R-9514	182.3*	168.3	107.7	158.4
ProHarvest 8330VT3P	183.3*	175.1	95.8	158.4
ProHarvest 8388VT3P	157.3	167.6	145.8*	158.3
FS 63SV4	175.4	181.3	96.8	158.0
AgriGold A6476VT3Pro	171.4	181.8*	97.6	156.9
Kruger K-7911	174.0	181.7*	93.0	156.6
LG 2620VT3	188.2*	172.8	82.0	155.9
AgriGold A6533VT3	183.0*	177.6	81.1	155.5
AgriGold A6553VT3	178.0*	164.5	102.4	154.0

CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Henrietta Bu/Ac	Marshall Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
Lewis 1311VT3P	159.6	189.6*	91.8	153.9
Dekalb DKC62-97 GENVT3P	157.8	189.0*	95.2	153.9
Dyna-Gro D51VP32	169.6	160.6	118.3*	153.4
ProHarvest 8108VT2P	169.0	172.6	100.5	153.2
G2 Genetics 5H-515	161.7	184.6*	93.1	153.1
NK N68B-3111	162.3	185.9*	89.0	152.8
Steyer 11302 VT3Pro	157.2	168.5	120.0*	152.1
Dekalb DKC66-97 GENVT2P	167.6	196.6*	61.3	151.9
Producers 7394VT3	160.1	175.5	104.1	151.9
Kruger K-7211	170.5	166.7	97.8	150.9
FS 60TV4	173.3	173.9	79.9	150.2
AgriGold A6458VT3	181.8*	173.1	68.2	150.1
Mycogen 2V715	159.6	174.7	96.0	149.4
Hoegemeyer 7616 HxLLRR	166.7	171.1	88.4	148.8
Producers 7414VT3	164.5	173.7	86.0	148.3
Midland 552PRW	155.9	185.6*	80.2	148.1
Dekalb DKC60-62 GENVT3P	161.1	150.4	125.1*	148.1
Rainbow XT1122VIP	169.7	149.2	113.1	147.9
Midland 670PRW	148.0	172.3	108.9	147.3
Hoegemeyer 8239 HxLLRR	172.2	153.9	95.5	146.2
FS 65CX1 RIB	151.5	171.0	97.7	145.4
Dekalb DKC63-25 GENVT2P	161.0	165.2	91.5	145.2
Hoegemeyer 7876 AMR AQUAmax	151.7	172.5	90.9	144.3
Dekalb DKC63-87 GENVT2P	146.4	191.0*	70.6	144.2
MFA MorCorn MC3849SmStax	154.4	179.5	75.0	144.0
Kruger KR-4714	169.4	165.5	73.0	143.8
Hoegemeyer 8122 HxLLRR	142.8	168.6	106.7	143.5
AgriGold A6517VT3Pro	170.6	160.4	76.7	143.3
Midland 622PRW	164.4	177.2	59.3	142.9
Lewis 1310VT3P	140.7	176.5	95.3	142.8
Golden Harvest H-9011 4011	155.8	164.6	84.2	141.2
Dekalb DKC61-49 GENVT2P	160.8	159.2	84.5	141.1
Kruger K-7810	145.8	175.1	81.8	140.8
AgriGold A6573VT3Pro	145.5	175.4	78.9	140.1
Producers 7224VT3Pro	181.3*	154.7	56.2	140.1
LG 2636VT3Pro	143.4	167.2	89.3	138.8
Producers 7574VT3Pro	161.5	169.4	55.2	137.9
Producers 7014VT3	156.7	175.1	52.8	137.6
Midland 523BLGW	163.7	159.1	66.1	137.6
Kruger KR-4014	128.2	174.6	93.8	137.0

CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Henrietta Bu/Ac	Marshall Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
Mycogen M23931	145.9	150.3	103.4	136.9
Garst 83G41-3000GT	145.7	140.9	116.0	136.5
Midland 779PRW	138.0	150.4	109.0	135.4
Kruger K-7312	141.9	157.7	89.2	134.7
G2 Genetics 5X-1204	160.1	131.5	96.3	133.4
Mycogen 2A787	146.9	156.7	76.0	132.9
FS 61BX1 RIB	151.6	155.6	68.4	132.3
Mycogen M23878	123.2	173.6	79.4	131.2
NK N74R-3000GT	152.8	151.4	64.2	130.1
G2 Genetics 5Z-1205	155.4	141.3	74.6	129.9
G2 Genetics 5X-214	147.2	137.5	90.9	129.5
Hoegemeyer 8388 HxLLRR	148.2	150.0	65.7	128.3
Golden Harvest H-9071 3000GT	153.4	138.5	72.0	127.5
G2 Genetics 5X-915	167.3	132.0	58.4	126.8
Rainbow 3146GT3	131.2	139.9	98.8	126.4
Rainbow 3125GTCBLL	131.8	143.1	74.4	121.7
Rainbow 3157	98.2	189.7*	44.0	119.0
ProHarvest 8702GTCBLL	118.6	141.0	80.2	117.4
G2 Genetics 5H-716	99.3	165.3	36.8	108.4
DAS X20808	131.6	76.5	96.2	102.1
GRAND MEAN	164.5	172.4	92.6	149.5
LSD (10%)	25.2	24.4	30.7	14.9
CV (%)	11.4	10.5	20.0	11.9

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1313VT3P	210.3**	19.1	1	34206
AgriGold A6553VT3	209.2*	17.3	1	28398
Channel 217-08VT3P	209.2*	19.9	1	31947
FS 62MV4	207.5*	19.0	1	35174
Steyer 11302 VT3Pro	205.7*	19.2	1	34529
Dekalb DKC63-25 GENVT2P	204.3*	19.5	1	35174
Rainbow 1132 VT3P	204.1*	19.1	1	32270
Midland 573PRW	203.0*	19.4	1	30011
Dekalb DKC64-69 GENVT3P	201.0*	19.4	1	32270
NK N68B-3111	200.8*	19.1	1	30979
ProHarvest 8222VT3P	200.7*	19.2	1	32593
Midland 670PRW	199.0*	19.6	1	34206
FS 60TV4	197.7*	18.9	1	34852
Midland 653PRW	197.4*	19.4	1	34852
Lewis 1311VT3P	197.1*	18.9	1	30657
Dekalb DKC66-86 GENVT3P	196.5*	19.3	1	31947
Midland 523BLGW	196.4*	19.0	1	34852
Channel 218-73VT3P	196.2*	19.7	1	33238
Dekalb DKC66-97 GENVT2P	195.1*	19.4	1	34529
Garst 82K01-3111	195.1*	19.8	1	36465
AgriGold A6517VT3Pro	193.8*	19.0	1	31947
Channel 215-52VT3P	193.6*	18.8	1	35174
Channel 214-14VT3P	192.4*	19.5	1	32915
AgriGold A6533VT3	191.9*	18.9	1	22589
Dekalb DKC60-62 GENVT3P	191.9*	18.7	1	30979
FS 63SV4	191.5*	19.6	1	31947
Dekalb DKC67-57 GENVT3P	190.6*	19.4	1	34529
Dekalb DKC61-88 GENVT3P	190.4*	18.9	1	35497
Dekalb DKC61-49 GENVT2P	190.2*	18.8	1	31947
AgriGold A6458VT3	189.8*	15.7	1	33561
NK N74R-3000GT	189.5*	19.7	1	34852
Dekalb DKC63-87 GENVT2P	189.2*	18.8	1	31302
Lewis 1215VT3P	188.6	19.6	1	32593
G2 Genetics 5H-515	188.2	19.3	1	31947
Dekalb DKC62-97 GENVT3P	187.8	18.7	1	30011
FS 65CX1 RIB	187.6	19.6	1	32270
Midland 622PRW	185.9	19.1	1	31947
Dekalb DKC61-17 GENVT3P	185.7	18.9	1	32593
AgriGold A6476VT3Pro	185.3	17.3	1	34206
AgriGold A6573VT3Pro	185.2	18.8	1	29688

COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Golden Harvest H-8672 3000GT	182.5	18.6	1	33561
Garst 83G41-3000GT	182.1	19.3	1	32270
Dekalb DKC62-09 GENVT3P	178.8	18.8	1	36142
Rainbow XT1122VIP	176.3	19.0	1	34529
Steyer X21103 GENSSRIBC	174.7	18.8	1	33238
FS 64JV4	173.8	18.6	1	33561
Golden Harvest H-9071 3000GT	172.5	19.6	1	35820
USA 1141	172.4	19.2	1	24203
Golden Harvest H-9011 4011	171.9	17.8	1	31302
Rainbow 3156GTCBLL	170.8	19.7	1	29366
Midland 779PRW	170.4	19.4	1	30334
Rainbow 3070	168.9	18.3	1	31947
ProHarvest 8702GTCBLL	168.2	19.9	1	33884
G2 Genetics 5H-513	167.1	19.9	1	32915
ProHarvest 8778HXRR	157.8	19.8	1	32915
G2 Genetics 5Z-1205	156.8	19.1	1	31947
G2 Genetics 5H-117	155.5	20.3	1	27752
Rainbow 3146GT3	154.2	19.1	1	29366
USA 1139	151.6	19.5	1	29043
G2 Genetics 5X-214	146.6	19.3	1	31302
G2 Genetics 5X-915	141.4	19.0	1	28398
G2 Genetics 5H-716	138.5	19.6	1	31625
GRAND MEAN	182.7	19.0	1	32275
LSD (10%)	21.3	0.7		
CV (%)	8.6	2.6		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

LADDONIA, MO (AUDRAIN COUNTY) - CENTRAL REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6476VT3Pro	232.7**	19.5	1	34852
USA 1141	226.8*	18.5	1	36142
Dekalb DKC67-57 GENVT3P	218.5*	19.3	1	34206
Golden Harvest H-9071 3000GT	217.0*	22.7	1	32915
FS 62MV4	216.8*	18.6	1	34852
Channel 214-14VT3P	216.4*	18.6	1	32593
Dekalb DKC64-69 GENVT3P	216.3*	18.6	1	34529
Midland 653PRW	215.3*	22.8	1	33238
AgriGold A6533VT3	214.2*	16.6	1	34852
AgriGold A6573VT3Pro	214.2*	18.5	1	36465
Dekalb DKC61-88 GENVT3P	211.3*	20.8	1	33561
AgriGold A6517VT3Pro	210.1*	17.8	1	34206
Midland 573PRW	209.4*	19.0	1	33238
Lewis 1313VT3P	208.4*	19.3	1	33561
Dekalb DKC66-97 GENVT2P	208.0*	19.1	1	34206
FS 65CX1 RIB	208.0*	17.9	1	34852
Dekalb DKC63-25 GENVT2P	207.0*	19.4	1	34206
NK N68B-3111	206.9*	18.3	1	34206
Dekalb DKC63-87 GENVT2P	205.4	19.3	1	33884
FS 60TV4	205.2	18.2	1	33238
Lewis 1311VT3P	205.2	20.0	1	33561
Rainbow 3156GTCBLL	205.1	18.0	1	31302
Dekalb DKC62-97 GENVT3P	205.0	19.9	1	33561
Dekalb DKC66-86 GENVT3P	204.7	22.2	1	33561
ProHarvest 8222VT3P	203.8	20.9	1	32915
FS 63SV4	201.9	22.4	1	30979
Dekalb DKC61-49 GENVT2P	201.4	18.8	1	34852
G2 Genetics 5H-515	201.1	18.5	1	33561
NK N74R-3000GT	201.1	18.1	1	32593
Garst 82K01-3111	199.6	18.2	1	34852
Dekalb DKC60-62 GENVT3P	199.4	18.0	1	31947
Rainbow 1132 VT3P	198.7	20.9	1	34206
Channel 218-73VT3P	198.4	20.9	1	31302
Rainbow XT1122VIP	197.6	18.4	1	32270
G2 Genetics 5Z-1205	197.3	18.7	1	33561
USA 1139	195.7	19.2	1	27752
Midland 670PRW	195.5	19.3	1	35174
Lewis 1215VT3P	195.1	17.9	1	36142
Midland 779PRW	194.9	20.3	1	34852
Garst 83G41-3000GT	194.6	18.4	1	34206

LADDONIA, MO (AUDRAIN COUNTY) - CENTRAL REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6553VT3	193.6	18.3	1	34852
Golden Harvest H-8672 3000GT	193.5	17.6	1	30979
Golden Harvest H-9011 4011	191.8	18.3	1	32593
Channel 215-52VT3P	191.4	18.3	1	32915
G2 Genetics 5X-214	191.3	21.1	1	31625
AgriGold A6458VT3	191.0	18.0	1	36788
Midland 622PRW	190.4	19.6	1	34852
Midland 523BLGW	188.9	19.4	1	31625
Rainbow 3146GT3	187.6	19.4	1	31947
G2 Genetics 5H-117	187.0	21.4	1	33884
G2 Genetics 5H-716	186.4	18.5	1	31947
Steyer 11302 VT3Pro	185.9	19.5	1	31625
Steyer X21103 GENSSRIBC	184.1	20.3	1	30979
ProHarvest 8702GTCBLL	182.1	21.1	1	33238
G2 Genetics 5X-915	180.5	18.0	1	30011
Dekalb DKC61-17 GENVT3P	178.1	19.1	1	33884
Channel 217-08VT3P	177.9	19.1	1	33561
Dekalb DKC62-09 GENVT3P	177.9	18.4	1	33561
FS 64JV4	177.3	18.3	1	31302
G2 Genetics 5H-513	174.7	18.4	1	29043
ProHarvest 8778HXRR	167.0	23.4	1	34529
Rainbow 3070	149.9	17.6	1	30979
GRAND MEAN	197.1	19.3	1	33285
LSD (10%)	26.8	2.8		
CV (%)	10.1	10.6		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

CENTRAL REGION SUMMARY

IRRIGATED CORN TEST

Brand/Variety	Columbia Bu/Ac	Laddonia Bu/Ac	Mean Bu/Ac
FS 62MV4	207.5*	216.8*	212.2**
Lewis 1313VT3P	210.3**	208.4*	209.4*
AgriGold A6476VT3Pro	185.3	232.7**	209.0*
Dekalb DKC64-69 GENVT3P	201.0*	216.3*	208.7*
Midland 653PRW	197.4*	215.3*	206.4*
Midland 573PRW	203.0*	209.4*	206.2*
Dekalb DKC63-25 GENVT2P	204.3*	207.0*	205.7*
Dekalb DKC67-57 GENVT3P	190.6*	218.5*	204.6*
Channel 214-14VT3P	192.4*	216.4*	204.4*
NK N68B-3111	200.8*	206.9*	203.9*
AgriGold A6533VT3	191.9*	214.2*	203.1*
ProHarvest 8222VT3P	200.7*	203.8	202.3*
AgriGold A6517VT3Pro	193.8*	210.1*	202.0*
Dekalb DKC66-97 GENVT2P	195.1*	208.0*	201.6*
FS 60TV4	197.7*	205.2	201.5*
AgriGold A6553VT3	209.2*	193.6	201.4*
Rainbow 1132 VT3P	204.1*	198.7	201.4*
Lewis 1311VT3P	197.1*	205.2	201.2*
Dekalb DKC61-88 GENVT3P	190.4*	211.3*	200.9*
Dekalb DKC66-86 GENVT3P	196.5*	204.7	200.6*
AgriGold A6573VT3Pro	185.2	214.2*	199.7*
USA 1141	172.4	226.8*	199.6*
FS 65CX1 RIB	187.6	208.0*	197.8*
Garst 82K01-3111	195.1*	199.6	197.4*
Channel 218-73VT3P	196.2*	198.4	197.3*
Dekalb DKC63-87 GENVT2P	189.2*	205.4	197.3*
Midland 670PRW	199.0*	195.5	197.3*
FS 63SV4	191.5*	201.9	196.7*
Dekalb DKC62-97 GENVT3P	187.8	205.0	196.4*
Dekalb DKC61-49 GENVT2P	190.2*	201.4	195.8*
Steyer 11302 VT3Pro	205.7*	185.9	195.8*
Dekalb DKC60-62 GENVT3P	191.9*	199.4	195.7*
NK N74R-3000GT	189.5*	201.1	195.3*
Golden Harvest H-9071 3000GT	172.5	217.0*	194.8
G2 Genetics 5H-515	188.2	201.1	194.7
Channel 217-08VT3P	209.2*	177.9	193.6
Midland 523BLGW	196.4*	188.9	192.7
Channel 215-52VT3P	193.6*	191.4	192.5
Lewis 1215VT3P	188.6	195.1	191.9
AgriGold A6458VT3	189.8*	191.0	190.4

CENTRAL REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Columbia Bu/Ac	Laddonia Bu/Ac	Mean Bu/Ac
Garst 83G41-3000GT	182.1	194.6	188.4
Midland 622PRW	185.9	190.4	188.2
Golden Harvest H-8672 3000GT	182.5	193.5	188.0
Rainbow 3156GTCBLL	170.8	205.1	188.0
Rainbow XT1122VIP	176.3	197.6	187.0
Midland 779PRW	170.4	194.9	182.7
Dekalb DKC61-17 GENVT3P	185.7	178.1	181.9
Golden Harvest H-9011 4011	171.9	191.8	181.9
Steyer X21103 GENSSRIBC	174.7	184.1	179.4
Dekalb DKC62-09 GENVT3P	178.8	177.9	178.4
G2 Genetics 5Z-1205	156.8	197.3	177.1
FS 64JV4	173.8	177.3	175.6
ProHarvest 8702GTCBLL	168.2	182.1	175.2
USA 1139	151.6	195.7	173.7
G2 Genetics 5H-117	155.5	187.0	171.3
G2 Genetics 5H-513	167.1	174.7	170.9
Rainbow 3146GT3	154.2	187.6	170.9
G2 Genetics 5X-214	146.6	191.3	169.0
G2 Genetics 5H-716	138.5	186.4	162.5
ProHarvest 8778HXRR	157.8	167.0	162.4
G2 Genetics 5X-915	141.4	180.5	161.0
Rainbow 3070	168.9	149.9	159.4
GRAND MEAN	182.7	197.1	189.9
LSD (10%)	21.3	26.8	16.9
CV (%)	8.6	10.1	9.4

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

SOUTHWEST REGION CROP MANAGEMENT SUMMARY

The Non-Irrigated Corn Test was to be conducted at three locations (Harrisonville, Urich, Lamar) in the Southwest Region. The Irrigated Corn Test was also to be conducted at three locations (Harrisonville, Adrain, Lamar). Hot and dry weather conditions this summer adversely affected yields at all sites. Adrian irrigated test was abandoned because the irrigation lake ran dry resulting in low and highly variable yields. Both tests at Lamar were abandoned because a late summer storm caused significant, but variable lodging and hail damage.

CHARACTERISTICS OF THE NON-IRRIGATED CORN TEST LOCATIONS – SOUTHWEST REGION

Location	Soil Type	pH	Soil Test			Precipitation					GDD ^b
			OM	P	K	May	June	July	August	Season ^a	
Harrisonville	Haig silt loam	5.7	2.3%	72	396	2.9"	2.3"	0.7"	1.4"	7.3"	2948
Urich	Hartwell silt loam	5.4	2.6%	26	254	1.2"	2.6"	0.4"	1.2"	5.4"	3045
Lamar	(abandoned; see text)										

CHARACTERISTICS OF THE IRRIGATED CORN TEST LOCATIONS – SOUTHWEST REGION

Location	Soil Type	pH	Soil Test			Precipitation					Irrigate
			OM	P	K	May	June	July	August	Season ^a	
Harrisonville	Haig silt loam	5.0	2.5%	38	310	2.9"	2.3"	0.7"	1.4"	7.3"	7.0"
Adrian	(abandoned; see text)										
Lamar	(abandoned; see text)										

^a Region average season total precipitation (May through August) = 8.0 inches, 10.5 inches below normal.

^b Region average accumulated growing degree days (May through August) = 3032, 93 above normal

CROP MANAGEMENT PRACTICES AT THE NON-IRRIGATED CORN TEST LOCATIONS – SOUTHWEST REGION

Location	Dates		Fertilizer			Tillage	Herbicide			Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post		
Harrisonville	April 9	Aug 22	255	85	100	Conv.	Corvus, Atrazine		Accent	Force 3G
Urich	April 11	Aug 21	225	60	60	Conv.	Dual II Magnum, Atrazine, Princep, Callisto		none	Force 3G
Lamar	(abandoned; see text)									

CROP MANAGEMENT PRACTICES AT THE IRRIGATED CORN TEST LOCATIONS – SOUTHWEST REGION

Location	Dates		Fertilizer			Tillage	Herbicides			Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post		
Harrisonville	April 10	Aug 23	285	85	100	Conv.	Corvus, Atrazine		Accent	Force 3G
Adrain	(abandoned; see text)									
Lamar	(abandoned; see text)									

**HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION
NON-IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1300VT2P	86.3**	8.5	1	30668
Hoegemeyer 7644 HxLLRAQUAmax	85.3*	9.5	1	31017
ProHarvest 8330VT3P	76.7*	9.4	1	31365
Steyer X21075 GENSSRIBC	75.2*	9.4	1	31365
Dekalb DKC62-97 GENVT3P	74.2	9.3	1	31017
AgriGold A6476VT3Pro	74.0	9.0	1	30668
Hoegemeyer 7876 AMR AQUAmax	73.4	9.6	1	28926
Lewis 1308VT3P	72.9	9.0	1	32062
Mycogen 2V715	70.6	8.6	1	32062
Dekalb DKC60-62 GENVT3P	70.4	9.2	1	28229
ProHarvest 8222VT3P	70.0	9.5	1	31017
Mycogen 2V707	69.6	9.2	1	31017
Dekalb DKC61-88 GENVT3P	69.0	9.3	1	32062
ProHarvest 6552	68.6	8.3	1	29274
Golden Harvest H-9071 3000GT	66.9	10.3	1	31714
Dekalb DKC58-83 GENVT3P	66.7	10.0	1	31017
Steyer X21103 GENSSRIBC	64.7	9.9	1	30320
Midland 552PRW	64.0	9.2	1	31365
Golden Harvest H-9377 3111	63.8	9.5	1	31017
Midland 653PRW	63.2	9.3	1	25789
Lewis 1315VT3P	62.6	11.8	1	29274
AgriGold A6458VT3	62.4	8.8	1	30668
Midland 573PRW	62.1	9.9	1	28926
Lewis 1215VT3P	61.9	12.9	1	29971
Producers 7394VT3	61.8	9.2	1	30320
ProHarvest 8388VT3P	61.8	9.9	1	30668
Lewis 1313VT3P	61.0	11.3	1	31017
AgriGold A6533VT3	60.0	9.3	1	30668
Dekalb DKC63-25 GENVT2P	59.6	13.0	1	30668
ProHarvest 6902CBLLRW	59.0	8.8	1	29971
Steyer 11203 3000GT	57.8	9.3	1	31365
AgriGold A6553VT3	57.1	9.2	1	32759
Lewis 1010VT2P	55.5	9.7	1	30668
Garst 83G41-3000GT	55.0	11.7	1	30320
Midland 523BLGW	54.7	9.1	1	30668
Producers 7414VT3	54.1	9.4	1	29623
AgriGold A6489VT3	54.0	9.0	1	30668
Mycogen 2A787	53.1	10.1	1	26835
Mycogen M23878	53.0	8.6	1	31714
AgriGold A6433VT3Pro	49.9	10.6	1	28229

HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Hoegemeyer 7931 HxLLRR	46.8	10.9	1	27880
Producers 7574VT3Pro	46.8	10.1	1	30320
Steyer 11302 VT3Pro	46.7	11.2	2	29623
Producers 7014VT3	45.8	9.0	1	29971
NK N68B-3111	44.9	10.6	1	30320
Garst 82K01-3111	44.5	11.5	1	30320
Producers 7224VT3Pro	42.6	9.9	1	29623
NK N74R-3000GT	40.1	15.0	1	31017
Hoegemeyer 8388 HxLLRR	33.0	13.5	1	29274
GRAND MEAN	60.7	10.0	1	30313
LSD (10%)	9.7	0.7		
CV (%)	11.7	4.9		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

URICH, MO (HENRY COUNTY) - SOUTHWEST REGION
NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Steyer X21075 GENSSRIBC	54.0**	10.2	1	27183
Lewis 1300VT2P	51.3*	8.2	1	27183
Hoegemeyer 7644 HxLLRR AQUAmax	51.0*	9.6	1	28229
ProHarvest 8222VT3P	50.4*	10.1	1	27183
Midland 552PRW	49.8*	9.0	1	24744
Lewis 1308VT3P	49.1*	8.8	1	28577
Dekalb DKC60-62 GENVT3P	48.5*	9.9	1	23698
ProHarvest 8330VT3P	45.3	12.0	1	28577
AgriGold A6476VT3Pro	45.1	9.6	1	29274
Dekalb DKC62-97 GENVT3P	44.8	9.6	1	27183
Midland 573PRW	43.5	11.0	1	24744
Dekalb DKC58-83 GENVT3P	43.2	11.3	1	29274
Lewis 1215VT3P	42.4	14.3	1	26835
Mycogen 2V715	40.7	10.3	1	29623
ProHarvest 6902CBLLRW	40.4	9.8	1	27183
ProHarvest 8388VT3P	38.4	11.0	1	26138
Lewis 1010VT2P	38.3	10.7	1	27183
Midland 653PRW	38.3	11.7	1	27880
Mycogen 2A787	38.2	12.0	1	25789
Mycogen 2V707	38.1	11.7	1	29971
Steyer X21103 GENSSRIBC	37.2	12.0	1	25092
AgriGold A6489VT3	37.0	11.0	1	30320
Midland 523BLGW	37.0	12.0	1	28577
Steyer 11203 3000GT	37.0	11.7	1	25789
Lewis 1315VT3P	36.3	15.3	1	28926
AgriGold A6458VT3	36.1	9.3	1	28577
AgriGold A6553VT3	35.5	10.0	1	30320
Producers 7394VT3	35.1	10.4	1	30668
Golden Harvest H-9071 3000GT	34.3	10.9	1	29623
Hoegemeyer 7876 AMR AQUAmax	34.3	11.0	1	25441
Producers 7414VT3	34.2	10.0	1	30668
Dekalb DKC61-88 GENVT3P	34.0	10.7	1	28229
AgriGold A6433VT3Pro	31.4	13.0	1	27532
Mycogen M23878	31.3	9.6	1	27183
Producers 7574VT3Pro	30.7	14.3	1	29623
Dekalb DKC63-25 GENVT2P	30.2	15.3	1	27880
Golden Harvest H-9377 3111	29.7	10.0	1	30668
AgriGold A6533VT3	29.2	10.4	1	30320
NK N68B-3111	28.5	12.6	1	28926
ProHarvest 6552	28.2	10.8	1	29971

URICH, MO (HENRY COUNTY) - SOUTHWEST REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1313VT3P	26.4	16.0	1	29274
Garst 83G41-3000GT	26.3	12.8	1	29971
Producers 7014VT3	26.3	11.0	1	30320
Steyer 11302 VT3Pro	22.7	11.4	1	29971
NK N74R-3000GT	21.5	14.7	1	28926
Garst 82K01-3111	20.8	16.0	1	27880
Producers 7224VT3Pro	20.6	10.8	1	24047
Hoegemeyer 7931 HxLLRR	16.4	15.3	1	24395
Hoegemeyer 8388 HxLLRR	10.9	21.0	1	28577
GRAND MEAN	35.7	11.6	1	28044
LSD (10%)	8.5	2.1		
CV (%)	17.5	13.6		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

SOUTHWEST REGION SUMMARY

NON-IRRIGATED CORN TEST

Brand/Variety	Harrisonville Bu/Ac	Urich Bu/Ac	Mean Bu/Ac
Lewis 1300VT2P	86.3**	51.3*	68.8**
Hoegemeyer 7644 HxLLRR AQUAmax	85.3*	51.0*	68.2*
Steyer X21075 GENSSRIBC	75.2*	54.0**	64.6*
Lewis 1308VT3P	72.9	49.1*	61.0
ProHarvest 8330VT3P	76.7*	45.3	61.0
ProHarvest 8222VT3P	70.0	50.4*	60.2
AgriGold A6476VT3Pro	74.0	45.1	59.6
Dekalb DKC62-97 GENVT3P	74.2	44.8	59.5
Dekalb DKC60-62 GENVT3P	70.4	48.5*	59.5
Midland 552PRW	64.0	49.8*	56.9
Mycogen 2V715	70.6	40.7	55.7
Dekalb DKC58-83 GENVT3P	66.7	43.2	55.0
Hoegemeyer 7876 AMR AQUAmax	73.4	34.3	53.9
Mycogen 2V707	69.6	38.1	53.9
Midland 573PRW	62.1	43.5	52.8
Lewis 1215VT3P	61.9	42.4	52.2
Dekalb DKC61-88 GENVT3P	69.0	34.0	51.5
Steyer X21103 GENSSRIBC	64.7	37.2	51.0
Midland 653PRW	63.2	38.3	50.8
Golden Harvest H-9071 3000GT	66.9	34.3	50.6
ProHarvest 8388VT3P	61.8	38.4	50.1
ProHarvest 6902CBLLRW	59.0	40.4	49.7
Lewis 1315VT3P	62.6	36.3	49.5
AgriGold A6458VT3	62.4	36.1	49.3
Producers 7394VT3	61.8	35.1	48.5
ProHarvest 6552	68.6	28.2	48.4
Steyer 11203 3000GT	57.8	37.0	47.4
Lewis 1010VT2P	55.5	38.3	46.9
Golden Harvest H-9377 3111	63.8	29.7	46.8
AgriGold A6553VT3	57.1	35.5	46.3
Midland 523BLGW	54.7	37.0	45.9
Mycogen 2A787	53.1	38.2	45.7
AgriGold A6489VT3	54.0	37.0	45.5
Dekalb DKC63-25 GENVT2P	59.6	30.2	44.9
AgriGold A6533VT3	60.0	29.2	44.6
Producers 7414VT3	54.1	34.2	44.2
Lewis 1313VT3P	61.0	26.4	43.7
Mycogen M23878	53.0	31.3	42.2
AgriGold A6433VT3Pro	49.9	31.4	40.7
Garst 83G41-3000GT	55.0	26.3	40.7

SOUTHWEST REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Harrisonville Bu/Ac	Urich Bu/Ac	Mean Bu/Ac
Producers 7574VT3Pro	46.8	30.7	38.8
NK N68B-3111	44.9	28.5	36.7
Producers 7014VT3	45.8	26.3	36.1
Steyer 11302 VT3Pro	46.7	22.7	34.7
Garst 82K01-3111	44.5	20.8	32.7
Hoegemeyer 7931 HxLLRR	46.8	16.4	31.6
Producers 7224VT3Pro	42.6	20.6	31.6
NK N74R-3000GT	40.1	21.5	30.8
Hoegemeyer 8388 HxLLRR	33.0	10.9	22.0
GRAND MEAN	60.7	35.7	48.2
LSD (10%)	9.7	8.5	6.0
CV (%)	11.7	17.5	13.1

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 653PRW	197.5**	16.5	1	35896
Dekalb DKC62-09 GENVT3P	190.5*	14.0	1	36593
Dekalb DKC61-88 GENVT3P	190.4*	14.6	1	37638
Producers 7014VT3	184.4*	11.4	1	35547
Hoegemeyer 8239 HxLLRR	182.5*	14.7	1	37638
Midland 622PRW	182.5*	11.2	1	37290
Rainbow 1132 VT3P	180.9*	13.8	1	36941
AgriGold A6458VT3	179.9*	13.0	1	36244
AgriGold A6476VT3Pro	177.2*	10.6	1	37638
Dekalb DKC61-49 GENVT2P	175.1	12.3	1	37987
Mycogen 2V715	173.7	11.4	1	37987
Hoegemeyer 8388 HxLLRR	172.9	17.1	1	38335
Rainbow 3156GTCBLL	172.5	15.6	1	35547
AgriGold A6517VT3Pro	172.1	16.4	1	38684
Hoegemeyer 8122 HxLLRR	171.7	17.6	1	34850
Dekalb DKC62-97 GENVT3P	171.5	13.7	1	37290
Producers 7574VT3Pro	171.3	16.6	1	35199
Mycogen 2V707	169.7	11.2	1	36244
Dekalb DKC60-62 GENVT3P	169.0	12.8	1	34850
Dekalb DKC63-25 GENVT2P	168.6	14.9	1	37987
Dekalb DKC64-69 GENVT3P	168.4	15.5	1	37987
AgriGold A6553VT3	167.1	14.6	1	35547
Dekalb DKC58-83 GENVT3P	165.4	12.7	1	38684
Producers 7414VT3	164.0	13.0	1	36244
Midland 523BLGW	163.8	11.9	1	36941
Mycogen M23878	163.6	11.4	1	36941
Producers 7224VT3Pro	162.6	14.5	1	38335
Rainbow XT1122VIP	162.5	14.5	1	36593
Golden Harvest H-9071 3000GT	162.3	14.7	1	36941
AgriGold A6533VT3	161.8	13.0	2	28577
Garst 83G41-3000GT	160.2	15.7	1	37290
AgriGold A6433VT3Pro	160.1	14.9	1	36593
G2 Genetics 5X-915	159.2	16.3	1	29623
Golden Harvest H-9377 3111	158.4	15.5	1	36244
G2 Genetics 5H-515	157.1	16.8	1	37638
NK N68B-3111	157.0	13.7	1	36593
Producers 7394VT3	155.5	11.5	1	37987
Midland 779PRW	154.9	14.4	1	36593
NK N74R-3000GT	154.5	15.8	1	36941
Garst 82K01-3111	153.3	15.7	1	37638

HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Rainbow 3125GTCBLL	151.6	12.5	2	37638
Mycogen 2A787	151.4	14.2	1	37290
Midland 670PRW	148.7	14.8	1	36941
G2 Genetics 5H-716	146.8	14.6	1	36244
G2 Genetics 5X-214	146.1	16.4	1	36593
Dekalb DKC66-97 GENVT2P	143.7	14.0	1	37638
G2 Genetics 5Z-1205	143.3	14.9	1	37638
G2 Genetics 5H-117	137.8	19.0	1	35199
DAS X20808	128.9	15.1	1	34153
G2 Genetics 5H-513	114.7	16.8	1	34850
Rainbow 3157	97.9	19.9	1	35896
GRAND MEAN	157.8	14.4	1	36518
LSD (10%)	21.1	2.2		
CV (%)	10.5	11.6		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

SOUTHEAST REGION CROP MANAGEMENT SUMMARY

The Irrigated Corn Test was conducted at four locations (Oran, Charleston, Portageville Loam, and Portageville Clay) in the Southeast Region. The Non- Irrigated Corn Test was not conducted in the Southeast Region. Planting was timely at all locations and significant irrigation helped maintain yield potentials.

CHARACTERISTICS OF THE IRRIGATED CORN TEST LOCATIONS – SOUTHEAST REGION

Location	Soil Type	Soil Test					Precipitation ^a				
		pH	OM	P	K	May	June	July	August	Irrigate	GDD ^b
Oran	Commerce silt loam	5.1	1.5%	112	360	0.9"	0.9"	3.7"	0.6"	24.5"	3014
Charleston	Dundee silt loam	5.8	2.8%	154	638	3.2"	2.3"	2.7"	0.2"	30.0"	3146
Portageville Loam	Tiptonville silt loam	6.2	0.9%	96	294	1.3"	2.4"	3.5"	1.4"	27.0"	3220
Portageville Clay	Portageville clay	6.6	1.6%	60	652	1.3"	2.4"	3.5"	1.4"	34.0"	3220

^a Region average season total precipitation (May through August) = 6.9 inches, 9.1 inches below normal.

^b Region average accumulated growing degree days (May through August) = 3127, 58 above normal

CROP MANAGEMENT PRACTICES AT THE IRRIGATED CORN TEST LOCATIONS – SOUTHEAST REGION

Location	Dates			Fertilizer			Tillage	Herbicides			Insecticide
	Planting	Harvest	N	P ₂ O ₅	K ₂ O	Pre		Post			
Oran	April 18	Sept 6	285	46	60	Resolve, Atrazine	Conv.	RealmQ, Atrazine		Force 3G	
Charleston	April 17	Aug 29	250	125	120	Dual II Magnum, Atrazine	Conv.	Status		Force 3G	
Portageville Loam	April 13	Aug 28	325	0	100	Dual II Magnum, Atrazine, Princep, Callisto	Conv.	none		Force 3G	
Portageville Clay	April 12	Aug 27	325	0	100	Dual II Magnum, Atrazine, Princep, Callisto	Conv.	none		Force 3G	

ORAN, MO (SCOTT COUNTY) - SOUTHEAST REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Stone 6404GVT3P	246.0**	17.3	2	31947
Dekalb DKC67-88 GENVT3P	242.8*	19.6	2	30011
Dyna-Gro D54VP81	242.3*	17.9	1	30979
Dyna-Gro D55VP77	242.3*	17.7	1	35497
Terral REV 28HR30	241.5*	20.3	2	32270
Dyna-Gro D52VC91	240.0*	19.5	3	32270
MFA Morcorn MC4234VT2P	235.7*	17.8	1	30979
Golden Acres G5531	234.5*	17.6	2	32593
Armor 1550PRO3	234.0*	17.9	1	30011
Stone 6054GVT3P	234.0*	17.5	1	33884
Terral REV 28R10	233.8*	20.4	2	34529
Dekalb DKC64-69 GENVT3P	233.7*	19.8	2	35497
Stone 6514GVT3P	231.4*	21.7	1	31625
Stone 6354GVT3P	230.6*	17.9	2	31302
Dyna-Gro D57VP51	229.9*	18.3	1	32593
Dekalb DKC63-87 GENVT2P	229.1*	17.9	2	31947
AgriGold A6659VT3Pro	228.6*	17.9	1	31947
Armor 1133PRO3	226.0*	17.8	3	32270
Armor 1010PRO2	224.8*	17.1	1	33884
Terral REV 24BHR93	224.7*	19.3	2	32270
Stone 6434GVT3P	223.6*	17.6	1	32270
LG 2602VT3Pro	222.6	18.2	2	34206
Armor 1770PRO3	221.9	18.6	1	31947
AgriGold A6679VT3Pro	220.7	18.1	1	30657
Dekalb DKC61-88 GENVT3P	219.6	20.9	2	32270
MFA MorCorn MC4344VT2P	219.6	18.8	2	30657
Stone 6604GVT3P	217.3	19.3	2	28720
AgriGold A6517VT3Pro	217.2	19.0	1	34529
Terral REV 28HR20	217.2	18.3	1	32593
MFA Morcorn MC4338VT3P	217.0	19.3	1	31947
LG 2636VT3Pro	216.5	17.9	1	33561
Terral REV 21HR33	215.9	17.7	2	31625
Golden Acres G1518	215.5	19.5	1	33561
NK N77P-3111	214.7	18.7	2	32593
NK N78S-3111	214.7	19.7	3	33884
Armor AXC2114PRO3	214.0	19.9	2	32915
Delta Grow 2688GTCBLL	213.5	24.6	2	33884
NK N68B-3111	213.0	20.4	2	31625
Delta Grow 6388GTCBLL	212.4	21.2	2	35497
Terral REV 26HR23	212.2	17.9	1	32270

ORAN, MO (SCOTT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Masters Choice MCT-6751	211.8	17.6	2	32915
Dyna-Gro D56VP24	210.8	19.4	3	31947
Terral REV 25BHR63	210.0	19.2	2	32915
Armor AXC2111APRO3	208.9	18.5	1	33561
Armor AXC2118APRO3	208.2	21.5	1	29688
Terral REV 26R60	208.1	18.0	1	31302
Delta Grow 4725VPGTCBLL	207.9	19.5	3	32915
NK N79A-3111	207.9	20.4	3	32270
AgriGold A6573VT3Pro	207.7	17.6	1	33238
Dyna-Gro D51VP32	207.6	17.3	1	33884
Masters Choice MC-630	207.1	18.2	1	29366
Terral REV 27HR52	207.1	18.3	2	32593
Dyna-Gro D53VP61	206.3	17.9	1	31947
Delta Grow 2888GTCBLL	205.3	19.0	4	33238
LG 2620VT3	204.9	20.0	2	33561
Augusta A5560VT3Pro	204.2	21.3	1	33238
Terral REV 29HR13	204.2	21.4	2	30334
Delta Grow 3660GTCBLL	203.9	24.6	2	30979
Terral REV 22BHR43	203.1	17.9	2	30657
NK N74G-3000GT	201.7	17.1	2	35497
DAS X 20808	200.8	19.8	1	33884
Pfister 2728HR	200.7	17.6	2	32270
Delta Grow 4760GTCBLL	200.3	19.1	1	30657
Mycogen M23878	199.3	17.9	2	32915
Terral REV 26HR50	197.7	22.4	2	31302
Dairyland 9212Q	197.6	19.8	3	32915
AgriGold A6486VT2RIB	197.0	19.8	2	32593
Dairyland 9610	196.8	17.7	2	33561
AgriGold A6489VT3	196.4	19.6	2	30657
Mycogen 2V707	196.2	17.9	2	31302
Augusta A0720GTCBLLC	195.9	18.6	2	31625
Mycogen 2V715	195.7	20.4	4	32593
Armor 1161PRO2	195.5	17.0	2	31302
AgriGold A6553VT2RIB	192.6	20.7	2	33884
Pfister 3488HR	192.5	22.6	2	30334
Dairyland 9214Q	191.9	22.3	2	31947
AgriGold A6632VT2RIB	191.7	18.7	2	33561
Pfister 3507HR	191.7	21.9	1	34529
Dairyland 9614Q	190.5	18.2	1	30657
Augusta A6867GTCBLLC	188.3	18.5	4	29688

ORAN, MO (SCOTT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Delta Grow 3788GTCBLL	186.7	23.3	1	32593
Terral REV 23RE73	184.4	18.6	2	28720
AgriGold A6533VT2RIB	184.3	18.8	1	31625
Mycogen M23931	184.2	22.7	2	30334
Terral REV 27HR83	183.6	19.0	2	28075
Armor 1262PRO2	183.0	18.3	2	29043
Dairyland 7015	180.6	23.1	1	33561
Dairyland 1013	180.0	22.1	4	33238
Dairyland 1809	180.0	15.8	3	32915
AgriGold A6433VT3Pro	179.0	17.0	1	31625
Armor 1415PRO3	178.1	18.8	3	28075
Dairyland 9111SSX	171.1	20.1	3	31947
Augusta A0606GTCBLLC	165.9	17.3	1	33238
GRAND MEAN	209.5	19.1	2	32180
LSD (10%)	22.8	2.6		
CV (%)	8.0	10.1		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

CHARLESTON, MO (MISSISSIPPI COUNTY) - SOUTHEAST REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Stone 6354GVT3P	262.0**	13.8	1	34529
Stone 6054GVT3P	261.1*	13.0	1	33884
Dyna-Gro D52VC91	260.8*	14.2	1	35497
Dekalb DKC63-87 GENVT2P	257.6*	14.4	1	35820
Golden Acres G5531	257.6*	15.9	1	34206
Dyna-Gro D55VP77	253.4*	15.1	1	36142
MFA Morcorn MC4338VT3P	252.5*	15.4	1	34206
Dyna-Gro D54VP81	251.5*	15.8	1	34206
Armor 1133PRO3	250.2*	14.6	1	35820
AgriGold A6659VT3Pro	249.2*	14.4	1	34529
Armor 1262PRO2	248.6*	15.1	1	32915
Dekalb DKC61-88 GENVT3P	248.6*	13.1	1	32593
MFA Morcorn MC4234VT2P	248.4*	16.5	1	33238
Stone 6604GVT3P	247.0*	15.2	1	32593
Armor AXCC2114PRO3	244.4	12.8	1	35497
Dairyland 9212Q	243.6	13.6	1	36142
LG 2602VT3Pro	242.4	15.1	1	35820
LG 2636VT3Pro	241.2	15.6	1	34852
Dekalb DKC64-69 GENVT3P	240.9	14.8	1	33561
AgriGold A6573VT3Pro	240.2	14.9	1	34852
Stone 6434GVT3P	240.1	14.5	1	35497
Armor AXCC2118APRO3	239.9	13.0	1	35820
Dairyland 9610	239.9	13.5	1	36142
Delta Grow 3660GTCBLL	239.6	16.6	1	33561
Armor 1550PRO3	239.3	14.1	1	35497
Dairyland 9111SSX	238.5	14.0	1	36142
Terral REV 24BHR93	237.7	15.7	1	35174
AgriGold A6486VT2RIB	237.3	14.6	1	34206
Armor AXCC2111APRO3	237.0	14.3	1	35820
AgriGold A6517VT3Pro	236.9	15.3	1	35820
AgriGold A6679VT3Pro	236.9	15.9	1	35820
Augusta A5560VT3Pro	236.9	14.4	1	35820
NK N78S-3111	236.7	16.0	1	35174
Mycogen 2V715	235.5	12.6	1	34529
Armor 1010PRO2	235.0	12.9	1	29688
Dyna-Gro D57VP51	234.3	13.9	1	34852
LG 2620VT3	234.0	15.6	1	34529
AgriGold A6632VT2RIB	233.8	15.7	1	35497
Augusta A0720GTCBLLC	231.9	15.9	1	35497
AgriGold A6489VT3	231.7	14.2	1	34529

CHARLESTON, MO (MISSISSIPPI COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
NK N68B-3111	231.3	14.4	1	33238
NK N77P-3111	231.3	15.8	1	34206
AgriGold A6553VT2RIB	230.8	14.7	1	35820
Stone 6404GVT3P	230.6	14.8	1	35174
Masters Choice MCT-6751	230.5	16.8	1	34852
Armor 1161PRO2	229.6	13.5	1	34529
Masters Choice MC-630	229.6	15.5	1	32593
Terral REV 26HR23	229.2	14.1	1	34852
AgriGold A6533VT2RIB	228.7	15.0	1	32270
Delta Grow 2688GTCBLL	228.5	16.4	1	35820
Golden Acres G1518	228.5	15.3	1	34852
Terral REV 21HR33	227.7	14.4	1	35820
Mycogen M23931	227.5	17.1	1	34852
Delta Grow 2888GTCBLL	227.2	16.6	1	35497
Armor 1770PRO3	226.9	15.7	1	33238
Augusta A6867GTCBLLC	226.8	15.9	1	32593
Armor 1415PRO3	226.3	14.0	1	29688
Mycogen 2V707	226.1	13.4	1	35174
Terral REV 27HR52	225.9	16.2	1	33238
Dairyland 1809	225.8	12.2	1	34852
MFA MorCorn MC4344VT2P	225.7	13.7	1	30979
AgriGold A6433VT3Pro	225.0	15.3	1	35820
NK N74G-3000GT	225.0	14.6	1	33561
Dairyland 9614Q	224.8	13.9	1	36142
Stone 6514GVT3P	224.0	14.5	1	34529
Terral REV 28HR30	224.0	16.3	1	35174
Dyna-Gro D53VP61	222.8	13.2	1	34852
Terral REV 26R60	222.8	15.0	1	34852
Pfister 2728HR	222.7	13.8	1	36142
Mycogen M23878	222.0	12.9	1	35497
Dyna-Gro D51VP32	221.7	13.6	1	36142
Terral REV 25BHR63	221.6	15.9	1	35497
Dekalb DKC67-88 GENVT3P	221.2	15.0	1	33238
Dyna-Gro D56VP24	221.2	15.4	1	36142
Terral REV 27HR83	220.9	15.9	1	33238
Terral REV 28HR20	219.9	15.9	1	33884
Terral REV 23RE73	218.9	14.1	1	33884
Terral REV 22BHR43	218.4	14.8	1	30657
Terral REV 26HR50	218.1	15.2	1	30979
Dairyland 1013	216.8	15.2	1	35174

CHARLESTON, MO (MISSISSIPPI COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Delta Grow 6388GTCBLL	215.2	14.3	1	36142
DAS X20808	210.3	14.9	1	33561
Terral REV 28R10	208.5	15.7	1	33561
Pfister 3488HR	207.9	15.6	1	34529
Delta Grow 4760GTCBLL	206.2	16.4	1	33884
Dairyland 9214Q	205.3	16.5	1	34529
Terral REV 29HR13	205.0	16.3	1	32593
Pfister 3507HR	204.2	16.5	1	35174
NK N79A-3111	201.8	16.1	1	32915
Delta Grow 4725VIPGTCBLL	196.0	16.7	1	30979
Dairyland 7015	194.8	16.6	1	34529
Augusta A0606GTCBLLC	188.9	13.5	1	35497
Delta Grow 3788GTCBLL	176.8	15.5	1	35497
GRAND MEAN	230.2	14.8	1	34446
LSD (10%)	16.4	1.3		
CV (%)	5.3	6.4		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

PORTAGEVILLE CLAY, MO (PEMISCOT COUNTY) - SOUTHEAST REGION
IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6679VT3Pro	205.9**	15.9	1	35174
Dyna-Gro D57VP51	199.1*	15.5	1	30011
Dekalb DKC64-69 GENVT3P	198.8*	15.1	1	34206
Dairyland 9111SSX	196.5*	14.6	1	34529
Armor 1262PRO2	196.1*	15.4	1	34206
AgriGold A6659VT3Pro	195.8*	15.1	1	31947
Stone 6404GVT3P	195.4*	15.7	1	33884
Stone 6354GVT3P	195.2*	16.0	1	33561
NK N79A-3111	190.0*	16.6	1	32593
Terral REV 28HR20	188.9	16.3	1	33561
Dyna-Gro D54VP81	188.8	15.4	1	32270
Terral REV 25BHR63	188.4	16.7	1	33884
NK N78S-3111	187.5	17.1	1	34206
Terral REV 28R10	186.6	16.3	1	31625
Dyna-Gro D55VP77	186.1	15.7	1	32915
Delta Grow 2688GTCBLL	185.6	17.1	1	34852
Terral REV 22BHR43	185.2	14.1	1	32593
LG 2620VT3	185.1	15.1	1	33238
AgriGold A6489VT3	184.9	14.5	1	34852
Stone 6434GVT3P	184.8	14.8	1	33238
NK N77P-3111	184.2	15.9	1	32593
Armor AXC2118APRO3	184.0	15.5	1	32270
Dekalb DKC67-88 GENVT3P	183.2	17.4	1	29366
Armor AXC2114PRO3	182.5	14.0	1	33884
Dairyland 1809	182.3	12.8	1	34206
Mycogen M23931	182.3	17.2	1	31625
Dekalb DKC61-88 GENVT3P	181.8	13.7	1	36142
Armor 1415PRO3	181.4	15.9	1	28398
Dairyland 9212Q	181.2	12.8	1	33238
Stone 6604GVT3P	181.0	13.1	1	31302
Terral REV 27HR83	180.8	15.5	1	34206
Mycogen 2V707	180.8	14.7	1	28075
NK N68B-3111	180.7	14.9	1	32270
Armor 1161PRO2	180.4	15.3	1	32270
Dyna-Gro D52VC91	180.4	14.9	1	32270
AgriGold A6517VT3Pro	178.9	16.0	1	35174
Mycogen 2V715	178.8	13.2	1	33238
Terral REV 26R60	178.5	15.3	1	32915
Dairyland 7015	177.9	16.8	1	33884
NK N74G-3000GT	177.8	15.9	1	32270

PORTEGEVILLE CLAY, MO (PEMISCOT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Augusta A0720GTCBLLC	177.7	14.8	1	32915
Dairyland 9610	177.3	13.0	1	32593
Delta Grow 4760GTCBLL	177.3	16.5	1	32593
Augusta A5560VT3Pro	176.8	14.4	1	34529
Terral REV 24BHR93	176.7	15.9	1	34206
Terral REV 28HR30	176.6	18.1	1	33561
Dyna-Gro D56VP24	176.4	16.1	1	33884
Armor 1010PRO2	176.4	12.5	1	32270
Stone 6514GVT3P	176.1	15.3	1	31947
Terral REV 21HR33	175.6	14.2	1	34206
AgriGold A6553VT2RIB	174.7	15.6	1	35174
Pfister 3488HR	174.7	16.8	1	34206
Dekalb DKC63-87 GENVT2P	174.5	13.7	1	33884
Delta Grow 2888GTCBLL	174.5	16.0	1	32270
Delta Grow 6388GTCBLL	174.4	13.3	1	32915
Terral REV 29HR13	174.2	16.6	1	33561
Armor AXC2111APRO3	174.0	14.4	1	32915
Masters Choice MCT-6751	173.7	15.4	1	33238
Terral REV 27HR52	173.1	14.9	1	33238
AgriGold A6632VT2RIB	173.0	16.1	1	36142
LG 2636VT3Pro	171.9	15.4	1	34852
LG 2602VT3Pro	171.9	16.0	1	33238
Terral REV 26HR23	171.6	14.9	1	33238
Terral REV 23RE73	171.5	15.0	1	33561
Dairyland 9614Q	171.3	15.2	1	33561
Dyna-Gro D51VP32	170.3	14.7	1	34529
Masters Choice MC-630	170.3	15.0	1	33561
Augusta A6867GTCBLLC	169.1	15.7	1	34529
Armor 1133PRO3	168.8	12.1	1	34852
Armor 1770PRO3	168.8	15.6	1	33561
AgriGold A6433VT3Pro	168.6	14.1	1	32270
Golden Acres G5531	168.5	14.6	1	34529
Golden Acres G1518	168.4	15.0	1	32915
Armor 1550PRO3	168.0	14.1	1	30979
MFA Morcorn MC4338VT3P	167.7	15.4	1	32270
MFA Morcorn MC4234VT2P	167.7	15.5	1	31947
Pfister 2728HR	167.3	14.1	1	34529
AgriGold A6573VT3Pro	167.3	15.6	1	31625
Stone 6054GVT3P	166.9	12.9	1	32915
Dyna-Gro D53VP61	166.3	13.8	1	33561

PORTEGEVILLE CLAY, MO (PEMISCOT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dairyland 9214Q	165.7	16.6	1	32593
Delta Grow 3660GTCBLL	165.0	16.5	1	32915
AgriGold A6486VT2RIB	164.8	13.6	1	32915
Delta Grow 4725VIPGTCBLL	164.1	16.9	1	32270
Delta Grow 3788GTCBLL	162.9	17.9	1	32915
MFA MorCorn MC4344VT2P	161.6	13.9	1	32915
Pfister 3507HR	161.2	17.7	1	33238
Terral REV 26HR50	160.3	16.3	1	31625
Augusta A0606GTCBLLC	158.0	13.3	1	33561
Mycogen M23878	157.8	14.5	1	31947
DAS X20808	156.4	17.1	1	34852
AgriGold A6533VT2RIB	154.4	14.4	1	33561
Dairyland 1013	141.3	15.7	1	34206
GRAND MEAN	176.3	15.1	1	33158
LSD (10%)	16.3	0.8		
CV (%)	6.8	3.8		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

**PORTAGEVILLE LOAM, MO (PEMISCOT COUNTY) - SOUTHEAST REGION
IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6489VT3	230.9**	15.0	1	35497
Terral REV 28HR20	228.8*	17.2	1	25816
Terral REV 25BHR63	228.6*	15.0	1	35820
Dekalb DKC67-88 GENVT3P	227.9*	17.2	1	35497
Dyna-Gro D57VP51	227.7*	15.6	1	23234
Terral REV 26HR23	227.4*	13.6	1	32915
Dairyland 9111SSX	226.8*	15.6	1	33561
Stone 6514GVT3P	226.8*	13.6	1	35497
AgriGold A6632VT2RIB	226.5*	16.0	1	34852
Terral REV 28HR30	226.2*	16.0	1	34852
Terral REV 27HR83	225.0*	17.0	1	30011
Terral REV 29HR13	223.9*	17.3	1	28075
NK N78S-3111	223.5*	16.8	2	NA
Terral REV 26R60	223.4*	16.8	1	33884
Dekalb DKC64-69 GENVT3P	223.2*	14.5	1	30657
AgriGold A6659VT3Pro	223.0*	14.9	1	31302
MFA Morcorn MC4338VT3P	222.0*	15.3	1	33561
Stone 6354GVT3P	218.8*	15.2	1	36142
NK N68B-3111	218.2*	14.8	1	34529
Dyna-Gro D54VP81	218.0*	15.2	1	33238
Dairyland 9610	217.2*	14.0	1	34852
Dyna-Gro D51VP32	217.0*	14.0	1	36142
AgriGold A6517VT3Pro	216.6*	15.2	1	34852
Stone 6054GVT3P	216.6*	13.1	1	33561
Dekalb DKC63-87 GENVT2P	215.5*	14.0	1	32270
Mycogen 2V707	214.8*	14.0	1	24848
Stone 6434GVT3P	214.7*	14.4	1	33238
Terral REV 27HR52	214.6*	16.7	1	33238
Delta Grow 2688GTCBLL	214.3*	16.7	1	34206
Terral REV 26HR50	213.9*	17.6	1	28075
Armor 1770PRO3	213.6*	15.3	1	30979
Terral REV 28R10	212.8*	17.2	1	35174
Mycogen M23931	212.6*	16.5	1	31625
Dairyland 9212Q	211.8*	13.5	1	33561
Delta Grow 3660GTCBLL	211.8*	15.8	1	33238
LG 2620VT3	211.2*	14.4	1	35497
Dyna-Gro D52VC91	210.8*	14.3	1	29688
Armor AXC2111APRO3	210.7*	14.3	1	33884
Delta Grow 3788GTCBLL	209.7*	17.4	1	33238
Terral REV 23RE73	209.5*	15.6	1	29688

PORTEGEVILLE LOAM, MO (PEMISCOT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mycogen M23878	209.2*	13.5	1	23234
AgriGold A6573VT3Pro	209.0*	15.9	1	23234
NK N74G-3000GT	209.0*	16.4	1	35174
Terral REV 24BHR93	208.5*	16.6	1	32915
Armor 1262PRO2	208.0*	16.4	1	30657
Dyna-Gro D55VP77	207.8*	14.7	1	34529
Delta Grow 4760GTCBLL	207.6*	16.4	1	34206
MFA Morcorn MC4234VT2P	207.4*	14.7	1	34852
AgriGold A6679VT3Pro	206.4*	16.0	1	35174
Dairyland 7015	206.4*	16.0	1	33561
Stone 6404GVT3P	206.3*	15.1	1	29366
AgriGold A6433VT3Pro	206.0*	13.4	1	33238
Dekalb DKC61-88 GENVT3P	206.0*	15.3	1	24203
Mycogen 2V715	205.4*	12.5	1	35820
Armor 1550PRO3	205.1*	15.5	1	22912
MFA MorCorn MC4344VT2P	204.9*	14.3	1	28720
Golden Acres G1518	204.8*	14.8	1	27107
Dyna-Gro D56VP24	204.7*	15.7	1	30657
Delta Grow 4725VIPGTCBLL	203.4*	14.9	1	29043
AgriGold A6486VT2RIB	203.3*	13.0	1	NA
Armor AXC2114PRO3	203.3*	16.8	1	32915
Masters Choice MCT-6751	202.6	15.3	1	31625
Armor 1415PRO3	202.2	16.0	1	29688
NK N79A-3111	201.6	16.8	1	32915
Dairyland 9614Q	201.0	14.6	1	34206
Pfister 2728HR	200.3	15.2	1	34852
Dairyland 1013	200.1	15.8	1	31625
Delta Grow 2888GTCBLL	198.4	16.0	1	33884
LG 2602VT3Pro	198.4	16.5	1	35174
AgriGold A6553VT2RIB	197.1	15.2	1	36142
LG 2636VT3Pro	196.9	14.3	1	31947
Terral REV 21HR33	196.3	14.8	1	32593
Stone 6604GVT3P	196.2	14.9	1	27752
Armor 1010PRO2	196.1	13.2	1	29688
Armor 1133PRO3	195.6	13.7	1	27107
Augusta A5560VT3Pro	194.4	15.2	1	32593
Golden Acres G5531	194.4	14.7	1	30334
Delta Grow 6388GTCBLL	194.1	14.4	1	35497
Pfister 3488HR	193.1	15.8	1	33884
NK N77P-3111	188.6	16.1	1	32915

PORTEGEVILLE LOAM, MO (PEMISCOT COUNTY) - SOUTHEAST REGION IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Terral REV 22BHR43	188.5	14.6	1	32270
Pfister 3507HR	188.4	16.6	1	33238
Augusta A0606GTCBLLC	187.1	13.7	1	35820
Augusta A0720GTCBLLC	186.0	16.9	1	34529
Armor AXC2118APRO3	184.5	15.0	1	25816
AgriGold A6533VT2RIB	180.4	14.5	1	33238
Masters Choice MC-630	179.2	16.0	1	33884
DAS X20808	177.6	13.7	1	31947
Augusta A6867GTCBLLC	176.9	16.1	1	27430
Dairyland 9214Q	176.8	16.3	1	23234
Dyna-Gro D53VP61	176.6	14.3	1	23234
Armor 1161PRO2	172.4	13.4	1	NA
Dairyland 1809	169.3	12.9	1	32915
GRAND MEAN	206.7	15.2	1	31825
LSD (10%)	28.0	1.8		
CV (%)	10.0	8.6		

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

SOUTHEAST REGION SUMMARY

IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Port. Clay Bu/Ac	Port. Loam Bu/Ac	Mean Bu/Ac
Stone 6354GVT3P	230.6*	262.0**	195.2*	218.8*	226.7**
Dyna-Gro D54VP81	242.3*	251.5*	188.8	218.0*	225.2*
AgriGold A6659VT3Pro	228.6*	249.2*	195.8*	223.0*	224.2*
Dekalb DKC64-69 GENVT3P	233.7*	240.9	198.8*	223.2*	224.2*
Dyna-Gro D52VC91	240.0*	260.8*	180.4	210.8*	223.0*
Dyna-Gro D57VP51	229.9*	234.3	199.1*	227.7*	222.8*
Dyna-Gro D55VP77	242.3*	253.4*	186.1	207.8*	222.4*
Stone 6054GVT3P	234.0*	261.1*	166.9	216.6*	219.7*
Stone 6404GVT3P	246.0**	230.6	195.4*	206.3*	219.6*
Dekalb DKC63-87 GENVT2P	229.1*	257.6*	174.5	215.5*	219.2*
Dekalb DKC67-88 GENVT3P	242.8*	221.2	183.2	227.9*	218.8*
AgriGold A6679VT3Pro	220.7	236.9	205.9**	206.4*	217.5*
Terral REV 28HR30	241.5*	224.0	176.6	226.2*	217.1*
Stone 6434GVT3P	223.6*	240.1	184.8	214.7*	215.8
NK N78S-3111	214.7	236.7	187.5	223.5*	215.6
MFA Morcorn MC4234VT2P	235.7*	248.4*	167.7	207.4*	214.8
MFA Morcorn MC4338VT3P	217.0	252.5*	167.7	222.0*	214.8
Stone 6514GVT3P	231.4*	224.0	176.1	226.8*	214.6
Dekalb DKC61-88 GENVT3P	219.6	248.6*	181.8	206.0*	214.0
Golden Acres G5531	234.5*	257.6*	168.5	194.4	213.8
Terral REV 28HR20	217.2	219.9	188.9	228.8*	213.7
AgriGold A6517VT3Pro	217.2	236.9	178.9	216.6*	212.4
Terral REV 25BHR63	210.0	221.6	188.4	228.6*	212.2
Terral REV 24BHR93	224.7*	237.7	176.7	208.5*	211.9
Armor 1550PRO3	234.0*	239.3	168.0	205.1*	211.6
Armor AXC2114PRO3	214.0	244.4	182.5	203.3*	211.1
AgriGold A6489VT3	196.4	231.7	184.9	230.9**	211.0
NK N68B-3111	213.0	231.3	180.7	218.2*	210.8
Delta Grow 2688GTCBLL	213.5	228.5	185.6	214.3*	210.5
Terral REV 28R10	233.8*	208.5	186.6	212.8*	210.4
Stone 6604GVT3P	217.3	247.0*	181.0	196.2	210.4
Armor 1133PRO3	226.0*	250.2*	168.8	195.6	210.2
Terral REV 26HR23	212.2	229.2	171.6	227.4*	210.1
Armor 1262PRO2	183.0	248.6*	196.1*	208.0*	208.9
LG 2602VT3Pro	222.6	242.4	171.9	198.4	208.8
LG 2620VT3	204.9	234.0	185.1	211.2*	208.8
Dairyland 9212Q	197.6	243.6	181.2	211.8*	208.6
Dairyland 9111SSX	171.1	238.5	196.5*	226.8*	208.2
Terral REV 26R60	208.1	222.8	178.5	223.4*	208.2
Armor 1010PRO2	224.8*	235.0	176.4	196.1	208.1

SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Port. Clay Bu/Ac	Port. Loam Bu/Ac	Mean Bu/Ac
Armor 1770PRO3	221.9	226.9	168.8	213.6*	207.8
Dairyland 9610	196.8	239.9	177.3	217.2*	207.8
Armor AXC2111APRO3	208.9	237.0	174.0	210.7*	207.7
LG 2636VT3Pro	216.5	241.2	171.9	196.9	206.6
AgriGold A6632VT2RIB	191.7	233.8	173.0	226.5*	206.3
AgriGold A6573VT3Pro	207.7	240.2	167.3	209.0*	206.1
Terral REV 27HR52	207.1	225.9	173.1	214.6*	205.2
Delta Grow 3660GTCBLL	203.9	239.6	165.0	211.8*	205.1
NK N77P-3111	214.7	231.3	184.2	188.6	204.7
Masters Choice MCT-6751	211.8	230.5	173.7	202.6	204.7
Mycogen 2V707	196.2	226.1	180.8	214.8*	204.5
Golden Acres G1518	215.5	228.5	168.4	204.8*	204.3
Armor AXC2118APRO3	208.2	239.9	184.0	184.5	204.2
Dyna-Gro D51VP32	207.6	221.7	170.3	217.0*	204.2
Terral REV 21HR33	215.9	227.7	175.6	196.3	203.9
Mycogen 2V715	195.7	235.5	178.8	205.4*	203.9
NK N74G-3000GT	201.7	225.0	177.8	209.0*	203.4
Dyna-Gro D56VP24	210.8	221.2	176.4	204.7*	203.3
Augusta A5560VT3Pro	204.2	236.9	176.8	194.4	203.1
MFA MorCorn MC4344VT2P	219.6	225.7	161.6	204.9*	203.0
Terral REV 27HR83	183.6	220.9	180.8	225.0*	202.6
Terral REV 29HR13	204.2	205.0	174.2	223.9*	201.8
Mycogen M23931	184.2	227.5	182.3	212.6*	201.7
Delta Grow 2888GTCBLL	205.3	227.2	174.5	198.4	201.4
AgriGold A6486VT2RIB	197.0	237.3	164.8	203.3*	200.6
NK N79A-3111	207.9	201.8	190.0*	201.6	200.3
Delta Grow 6388GTCBLL	212.4	215.2	174.4	194.1	199.0
AgriGold A6553VT2RIB	192.6	230.8	174.7	197.1	198.8
Terral REV 22BHR43	203.1	218.4	185.2	188.5	198.8
Augusta A0720GTCBLLC	195.9	231.9	177.7	186.0	197.9
Delta Grow 4760GTCBLL	200.3	206.2	177.3	207.6*	197.9
Pfister 2728HR	200.7	222.7	167.3	200.3	197.8
Terral REV 26HR50	197.7	218.1	160.3	213.9*	197.5
Mycogen M23878	199.3	222.0	157.8	209.2*	197.1
Armor 1415PRO3	178.1	226.3	181.4	202.2	197.0
Dairyland 9614Q	190.5	224.8	171.3	201.0	196.9
Masters Choice MC-630	207.1	229.6	170.3	179.2	196.6
Terral REV 23RE73	184.4	218.9	171.5	209.5*	196.1
AgriGold A6433VT3Pro	179.0	225.0	168.6	206.0*	194.7
Armor 1161PRO2	195.5	229.6	180.4	172.4	194.5

SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Port. Clay Bu/Ac	Port. Loam Bu/Ac	Mean Bu/Ac
Dyna-Gro D53VP61	206.3	222.8	166.3	176.6	193.0
Delta Grow 4725VIPGTCBLL	207.9	196.0	164.1	203.4*	192.9
Pfister 3488HR	192.5	207.9	174.7	193.1	192.1
Augusta A6867GTCBLLC	188.3	226.8	169.1	176.9	190.3
Dairyland 7015	180.6	194.8	177.9	206.4*	189.9
Dairyland 1809	180.0	225.8	182.3	169.3	189.4
AgriGold A6533VT2RIB	184.3	228.7	154.4	180.4	187.0
Pfister 3507HR	191.7	204.2	161.2	188.4	186.4
DAS X20808	200.8	210.3	156.4	177.6	186.3
Dairyland 9214Q	191.9	205.3	165.7	176.8	184.9
Dairyland 1013	180.0	216.8	141.3	200.1	184.6
Delta Grow 3788GTCBLL	186.7	176.8	162.9	209.7*	184.0
Augusta A0606GTCBLLC	165.9	188.9	158.0	187.1	175.0
GRAND MEAN	209.5	230.2	176.3	206.7	205.7
LSD (10%)	22.8	16.4	16.3	28.0	10.3
CV (%)	8.0	5.3	6.8	10.0	7.4

**Highest yielding variety in test

*Yield not significantly less than the highest yielding variety in the test.

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

All information in this table was provided by the seed companies. The MU Variety Testing Program does not guarantee accuracy. Please contact seed dealers for the latest information.

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³	Insect ⁴	AG	BG
AgriGold A6433VT3Pro	108	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6458VT3	110	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6476VT3Pro	111	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6478VT3Pro	111	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6486VT2RIB	111	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6489VT3	112	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6517VT3Pro	113	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6533VT2RIB	113	Poncho 500/Votivo	Y	N	Y	N
AgriGold A6533VT3	113	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6553VT2RIB	113	Poncho 500/Votivo	Y	N	Y	N
AgriGold A6553VT3	113	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6573VT3Pro	114	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6632VT2RIB	115	Poncho 500/Votivo	Y	N	Y	N
AgriGold A6659VT3Pro	116	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6679VT3Pro	116	Poncho 500/Votivo	Y	N	Y	N
Armor 1010PRO2	110	Acceleron	Y	N	Y	N
Armor 1133PRO3	111	Acceleron	Y	N	Y	Y
Armor 1161PRO2	111	Acceleron	Y	N	Y	N
Armor 1262PRO2	112	Acceleron	Y	N	Y	N
Armor 1415PRO3	114	Acceleron	Y	N	Y	Y
Armor 1550PRO3	115	Acceleron	Y	N	Y	Y
Armor 1770PRO3	117	Acceleron	Y	N	Y	Y
Armor AXC2111APRO3	111	Acceleron	Y	N	Y	Y
Armor AXC2114APRO3	114	Acceleron	Y	N	Y	Y
Armor AXC2118APRO3	118	Acceleron	Y	N	Y	Y
Augusta A0606GTCBLLC	111	Cruiser	Y	Y	Y	N
Augusta A0720GTCBLLC	111	Cruiser	Y	Y	Y	N
Augusta A5560VT3Pro	110	Cruiser	Y	N	Y	Y
Augusta A6867GTCBLLC	117	Cruiser	Y	Y	Y	N
Channel 211-99VT3P	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Channel 213-40VT3P	113	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Channel 214-14VT3P	114	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Channel 215-52VT3P	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Channel 217-08VT3P	117	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Channel 218-73VT3P	118	Acceleron/Poncho500/Votivo	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Gly	Glu	AG	BG
Dairyland 1013	113	CruiserMaxx 250	N	N	N	N
Dairyland 1809	109	CruiserMaxx 250	N	N	N	N
Dairyland 7015	115	CruiserMaxx 250	Y	Y	Y	N
Dairyland 9111SSX	111	Avicta Complete	Y	Y	Y	Y
Dairyland 9212Q	112	CruiserMaxx 250	Y	Y	Y	Y
Dairyland 9214Q	114	CruiserMaxx 250	Y	Y	Y	Y
Dairyland 9610	110	CruiserMaxx 250	Y	Y	Y	Y
Dairyland 9614Q	114	CruiserMaxx 250	Y	Y	Y	Y
DAS X20808	115	Avicta Complete	Y	Y	Y	N
Dekalb DKC58-83 GENVT3P	108	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC60-62 GENVT3P	110	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC61-17 GENVT3P	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC61-49 GENVT2P	111	Acceleron/Poncho500/Votivo	Y	N	Y	N
Dekalb DKC61-88 GENVT3P	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC62-09 GENVT3P	112	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC62-97 GENVT3P	112	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC63-25 GENVT2P	113	Acceleron/Poncho500/Votivo	Y	N	Y	N
Dekalb DKC63-87 GENVT2P	113	Acceleron/Poncho500/Votivo	Y	N	Y	N
Dekalb DKC64-69 GENVT3P	114	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC66-86 GENVT3P	116	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC66-97 GENVT2P	116	Acceleron/Poncho500/Votivo	Y	N	Y	N
Dekalb DKC67-57 GENVT3P	117	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Dekalb DKC67-88 GENVT3P	117	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Delta Grow 2688GTCBLL	112	Cruiser Extreme	Y	Y	Y	N
Delta Grow 2888GTCBLL	115	Cruiser Extreme	Y	Y	Y	N
Delta Grow 3660CBLL	116	Cruiser Extreme	N	Y	Y	N
Delta Grow 3788GTCBLL	114	Cruiser Extreme	Y	Y	Y	N
Delta Grow 4725VPGTCBLL	115	Cruiser Extreme	Y	Y	Y	N
Delta Grow 4760GTCBLL	111	Cruiser Extreme	Y	Y	Y	N
Delta Grow 6388GTCBLL	114	Cruiser Extreme	Y	Y	Y	N
Dyna-Gro D49VP88	109	Acceleron	Y	N	Y	Y
Dyna-Gro D51VP32	111	Acceleron	Y	N	Y	Y
Dyna-Gro D52VC91	112	Acceleron	Y	N	Y	N
Dyna-Gro D53VP61	113	Acceleron	Y	N	Y	Y
Dyna-Gro D54VP81	114	Acceleron	Y	N	Y	Y
Dyna-Gro D55VP77	115	Acceleron	Y	N	Y	Y
Dyna-Gro D56VP24	116	Acceleron	Y	N	Y	Y
Dyna-Gro D57VP51	117	Acceleron	Y	N	Y	Y
FS 59SV4	109	Acceleron 250	Y	N	Y	Y
FS 60TV4	110	Acceleron 250	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Gly	Glu	AG	BG
FS 61BX1 RIB	111	Acceleron 250	Y	Y	Y	Y
FS 62MV4	112	Acceleron 250	Y	N	Y	Y
FS 63SV4	113	Acceleron 250	Y	N	Y	Y
FS 64JV4	114	Acceleron 250	Y	N	Y	Y
FS 65CX1 RIB	115	Acceleron 250	Y	Y	Y	Y
G2 Genetics 3D-811	111	Maxim Quattro	Y	Y	Y	Y
G2 Genetics 5H-117	117	Maxim Quattro	Y	Y	Y	N
G2 Genetics 5H-513	115	Maxim Quattro	Y	Y	Y	N
G2 Genetics 5H-515	115	Maxim Quattro	Y	Y	Y	N
G2 Genetics 5H-716	116	Maxim Quattro	Y	Y	Y	N
G2 Genetics 5X-1204	112	Poncho 1250/VOTiVO	Y	Y	Y	Y
G2 Genetics 5X-214	114	Maxim Quattro	Y	Y	Y	Y
G2 Genetics 5X-411	111	Maxim Quattro	Y	Y	Y	Y
G2 Genetics 5X-915	115	Poncho 1250/VOTiVO	Y	Y	Y	Y
G2 Genetics 5Z-1205	112	Poncho 1250/VOTiVO	Y	Y	Y	Y
Garst 82K01-3111	116	CruiserMaxx 250	Y	Y	Y	Y
Garst 83G41-3000GT	114	CruiserMaxx 250	Y	Y	Y	Y
Golden Acres G1518	111	Acceleron 250	Y	N	Y	Y
Golden Acres G5531	115	Acceleron 250	Y	N	Y	Y
Golden Harvest H-8672 3000GT	109	CruiserMaxx 250	Y	Y	Y	Y
Golden Harvest H-9011 4011	112	CruiserMaxx 250	Y	Y	Y	Y
Golden Harvest H-9071 3000GT	112	CruiserMaxx 250	Y	Y	Y	Y
Golden Harvest H-9377 3111	115	CruiserMaxx 250	Y	Y	Y	Y
Hoegemeyer 7616 HxLLRR	106	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 7644 HxLLRR AQUAmax	106	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 7876 AMR AQUAmax	108	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 7931 HxLLRR	109	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 8122 HxLLRR	111	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 8239 HxLLRR	112	Right Stand Premium	Y	Y	Y	N
Hoegemeyer 8388 HxLLRR	114	Right Stand Premium	Y	Y	Y	N
Kruger K4R-9514	114	Acceleron/Poncho500/Votivo	Y	Y	Y	Y
Kruger K-7211	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7215	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7312	112	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7315	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7615	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7810	110	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger K-7911	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Kruger KR-4014	114	Acceleron/Poncho500/Votivo	Y	N	Y	N
Kruger KR-4510	110	Acceleron/Poncho500/Votivo	Y	N	Y	N

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Gly	Glu	AG	BG
Kruger KR-4714	114	Acceleron/Poncho500/Votivo	Y	N	Y	N
Lewis 1010VT2P	110	Acceleron/Poncho500/Votivo	Y	N	Y	N
Lewis 1209VT2P	109	Acceleron/Poncho500/Votivo	Y	N	Y	N
Lewis 1215VT3P	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1300VT2P	100	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1308VT3P	108	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1310VT3P	110	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1311VT3P	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1313VT3P	113	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Lewis 1315VT3P	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
LG 2549VT3	109	Poncho 500/Votivo	Y	N	Y	Y
LG 2602VT3Pro	112	Poncho 500/Votivo	Y	N	Y	Y
LG 2620VT3	113	Poncho 500/Votivo	Y	N	Y	Y
LG 2636VT3Pro	114	Poncho 500/Votivo	Y	N	Y	Y
Masters Choice MC-630	115	Poncho 250	N	N	N	N
Masters Choice MCT-6751	117	CruiserMaxx 250	Y	N	N	N
Merschman M-1111P-16	111	Acceleron/Poncho500/Votivo	Y	N	Y	N
Merschman M-1209E-16	109	Acceleron/Poncho500/Votivo	Y	N	Y	N
Merschman M-1211K-15	111	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Merschman M-1215D-15	112	Acceleron/Poncho500/Votivo	Y	N	Y	Y
MFA MorCorn MC3849SmStax	108	Cruiser	Y	Y	Y	Y
MFA MorCorn MC3944VT2P	109	Cruiser	Y	N	Y	N
MFA MorCorn MC4128VT3P	111	Cruiser	Y	N	Y	Y
MFA MorCorn MC4234VT2P	111	Cruiser	Y	N	Y	N
MFA MorCorn MC4338VT3P	113	Cruiser	Y	N	Y	Y
MFA MorCorn MC4344VT2P	113	Cruiser	Y	N	Y	N
Midland 523BLGW	111	Cruiser	Y	Y	Y	Y
Midland 552PRW	112	Cruiser	Y	N	Y	Y
Midland 573PRW	113	Cruiser	Y	N	Y	Y
Midland 622PRW	113	Cruiser	Y	N	Y	Y
Midland 653PRW	114	Cruiser	Y	N	Y	Y
Midland 670PRW	114	Cruiser	Y	N	Y	Y
Midland 779PRW	115	Cruiser	Y	N	Y	Y
Mycogen 2A787	114	Avicta Complete	Y	Y	Y	Y
Mycogen 2V707	110	Avicta Complete	Y	Y	Y	Y
Mycogen 2V715	111	Avicta Complete	Y	Y	Y	Y
Mycogen M23878	113	Avicta Complete	Y	Y	Y	N
Mycogen M23931	115	Avicta Complete	Y	Y	Y	N
NK N68B-3111	111	CruiserMaxx 250	Y	Y	Y	Y
NK N68B-3111	111	Avicta Complete	Y	Y	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Gly	Glu	AG	BG
NK N74G-3000GT	113	Avicta Complete	Y	Y	Y	Y
NK N74R-3000GT	114	CruiserMaxx 250	Y	Y	Y	Y
NK N77P-3111	114	Avicta Complete	Y	Y	Y	Y
NK N78S-3111	116	Avicta Complete	Y	Y	Y	Y
NK N79A-3111	119	Avicta Complete	Y	Y	Y	Y
Pfister 2728HR	113	CruiserMaxx 250	Y	Y	Y	N
Pfister 3488HR	115	CruiserMaxx 250	Y	Y	Y	N
Pfister 3507HR	117	CruiserMaxx 250	N	Y	Y	N
Producers 7014VT3	110	Poncho 500/Votivo	Y	N	Y	Y
Producers 7224VT3Pro	112	Poncho 500/Votivo	Y	N	Y	Y
Producers 7394VT3	113	Poncho 500/Votivo	Y	N	Y	Y
Producers 7414VT3	114	Poncho 500/Votivo	Y	N	Y	Y
Producers 7574VT3Pro	115	Poncho 500/Votivo	Y	N	Y	Y
ProHarvest 6552	105	CruiserMaxx 250	N	N	N	N
ProHarvest 6902CBLLRW	109	CruiserMaxx 250	N	Y	Y	Y
ProHarvest 8108VT2P	111	Acceleron	Y	N	Y	N
ProHarvest 8145CBLL	110	CruiserMaxx 250	N	Y	Y	N
ProHarvest 8222VT3P	112	Acceleron	Y	N	Y	Y
ProHarvest 8330VT3P	115	Acceleron	Y	N	Y	Y
ProHarvest 8388VT3P	114	Acceleron	Y	N	Y	Y
ProHarvest 8702GTCBLL	117	CruiserMaxx 250	Y	Y	Y	N
ProHarvest 8778HX1RR	117	CruiserMaxx 250	Y	Y	Y	N
Rainbow 3070	107	Cruiser Extreme	N	N	N	N
Rainbow 3125GTCBLL	112	Cruiser Extreme	Y	Y	Y	N
Rainbow 3146GT3	114	Cruiser Extreme	Y	Y	Y	Y
Rainbow 3156GTCBLL	115	Cruiser Extreme	Y	Y	Y	N
Rainbow 3157	115	Cruiser Extreme	N	N	N	N
Rainbow XT 1122VIP	113	Cruiser Extreme	Y	Y	Y	Y
Rainbow XT 1132VT3P	115	Cruiser Extreme	N	N	Y	N
Steyer 11203 3000GT	112	Maxim/Apron/Dynasty/Cruiser250	Y	Y	Y	Y
Steyer 11302 VT3Pro	113	Maxim/Apron/Dynasty/Cruiser250	Y	N	Y	Y
Steyer X21075 GenSSRIBC	107	Maxim/Apron/Dynasty/Cruiser250	Y	Y	Y	Y
Steyer X21103 GenSSRIBC	110	Maxim/Apron/Dynasty/Cruiser250	Y	Y	Y	Y
Stone 6054GVT3P	110	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Stone 6354GVT3P	113	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Stone 6404GVT3P	114	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Stone 6434GVT3P	114	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Stone 6514GVT3P	115	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Stone 6604GVT3P	116	Acceleron/Poncho500/Votivo	Y	N	Y	Y
Terral REV 21HR33	112	ApronMaxx/Cruiser250	Y	Y	Y	N

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2012 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Gly	Glu	AG	BG
Terral REV 22BHR43	112	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 23RE73	112	ApronMaxx/Cruiser250	Y	Y	Y	Y
Terral REV 24BHR93	114	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 25BHR63	116	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 26HR23	116	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 26HR50	116	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 26R60	116	ApronMaxx/Cruiser250	Y	N	N	N
Terral REV 27HR52	117	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 27HR83	117	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 28HR20	118	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 28HR30	118	ApronMaxx/Cruiser250	Y	Y	Y	N
Terral REV 28R10	118	ApronMaxx/Cruiser250	Y	N	N	N
Terral REV 29HR13	119	ApronMaxx/Cruiser250	Y	Y	Y	N
USA 1139	113	MaximXL/Poncho250	N	N	N	N
USA 1141	114	MaximXL/Poncho250	N	N	N	N

¹ Relative Corn Maturity.

² Seed Treatments listed in table were applied by seed companies to seed entered into MU Variety Testing Program. Purchased seed may contain other seed treatments. See seed company representatives and seed labels for more information.

³ There are several biotechnology traits that confer herbicide tolerance to corn hybrids. "Y" in the "Gly" column means the hybrid possesses a glyphosate resistant trait. "Y" in the "Glu" column means the hybrid possesses a glufosinate resistance trait. See seed company representatives for more information and check seed bag for registered trademarks of specific traits of interest.

⁴ There are several biotechnology traits that confer insect resistance to corn hybrids. "Y" in the "AB" column means that the hybrid possesses one or more traits that provide resistance to European corn borer and, perhaps, other pests that feed above ground. "Y" in the "BG" column means that the hybrid possesses one or more traits that provide resistance to several corn rootworm species and, perhaps, other pests that feed below ground. For purpose of this table, black cutworm is considered an above ground pest. Specific traits differ in effectiveness of control of specific insect pests. See seed company representative for more information and check seed bag for registered trademarks of specific traits of interest.

SOURCES FOR HYBRIDS ENTERED IN THE 2012 MISSOURI CORN TESTS

Brand/Variety	Company and Address	Phone	URL
AgriGold	AgriGold Hybrids RR 1 Box 203, St. Francisville, IL 62460	800-262-7333	agrigold.com
Armor	Armor Seed PO Box 178, Fisher AR 72429	870-579-2286	armorseed.com
Augusta	Augusta Seed PO Box 899, Verona, VA 24482	540-886-3171	
Channel	Channel Bio 13795 Hwy JJ, Mexico, MO 65265	573-721-1061	channelbio.com
DAS	Dow Agro Sciences 9330 Zionsville Rd, Indianapolis, IN 46268	800-692-6436	mycogenseeds.com
Dairyland	Dairyland Seed PO Box 958, West Bend, WI 53095	800-236-0163	dairylandseed.com
Dekalb	Monsanto Co 800 N. Lindbergh Blvd., St. Louis, MO 63167	800-768-6387	monsanto.com
Delta Grow	Delta Grow Seed 220 NW 2nd, England, AR 72046	800-530-7933	deltagrow.com
Dyna-Gro	Crop Production Services 17410 Pike 291, Bowling Green, MO 63334	573-470-1499	dynagroseed.com
FS	Growmark 1701 Towards Ave., Bloomington, IL 61701	309-557-6398	fsseed.com
G2 Genetics	NuTech Seed LLC 415 S. Duff, Suite C, Ames, IA 50010	800-942-6748	nutechseed.com
Garst	Syngenta Seeds 100 JC Robinson Rd., Waterloo, NE 68069	402-616-6534	sygentaseeds.com
Golden Acres	Golden Acres 1529 Hwy 193, Wayne, AR 72396	870-208-4424	gaseed.com
Golden Harvest	Syngenta Seeds 100 JC Robinson Rd., Waterloo, NE 68069	402-616-6534	sygentaseeds.com
Hoegemeyer	Hoegemeyer Hybrids 1755 Hoegemeyer Rd., Hooper, NE 68031	800-245-4631	therightseed.com
Kruger	Kruger Seed Co. 33938 160th, Dike, IA 50624	319-989-2414	krugerseed.com
Lewis	Lewis Hybrids 936 Ridge Dr., Warrensburg, MO 64093	816-853-5315	lewishybrids.com
LG Seeds	LG Seeds 22827 Shissler Rd., Elmwood, IL 61529	217-561-0408	lgseeds.com
Masters Choice	Masters Choice 3010 St. Rt.146E, Anna, IL 62906	618-833-6552	seedcorn.com
Merschman	Merschman Seeds, Inc. PO Box 67, West Point, IA 52656	800-848-7333	merschmanseeds.com
MFA MorCorn	MFA Inc. 201 Ray Young Dr., Columbia, MO 65201	573-876-5482	morcorn.com
Midland	Midland Genetics 1906 Kingman Rd., Ottawa, KS 66067	785-242-3598	midlandgenetics.com
Mycogen	Mycogen Seeds 9330 Zionsville Rd., Indianapolis, IN 46268	800-692-6436	mycogenseeds.com

SOURCES FOR VARIETIES ENTERED IN THE 2012 MISSOURI CORN TESTS

Brand/Variety	Company and Address	Phone	URL
NK Brand	Syngenta Seeds 100 JC Robinson Rd., Waterloo, NE 68069	402-616-6534	sygentaseeds.com
Pfister	Pfister Seeds PO Box 187, El Paso, IL 61738	888-647-3478	pfisterseeds.com
Producers	Producers Hybrids PO Box C, Battle Creek, NE 68715	316-303-6300	producershybrids.com
ProHarvest	ProHarvest of Missouri PO Box 991, Chillicothe, MO 64601	660-646-1177	thecorndoctor.com
Rainbow	Rainbow Seeds 816 Hwy 163, Oskaloosa, IA 52577	800-373-9401	rainbowseeds.com
Steyer	Steyer Seeds 36161 St. Rt. 10, Mason City, IL 62664	800-231-4274	steyerseeds.com
Stone	Stone Seed PO Box 196, Sidell, IL 61876	217-714-6004	stoneseed.com
Terral	Terral Seed Inc. PO Box 826, Lake Providence, LA 71254	800-551-4852	terralseed.com
USA	United Seed Associates 28797 Bowman Rd., Defiance, OH 43512	419-395-2646	

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