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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 250 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 climatic 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 2011 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



## 2011 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 and 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 2011 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 and lodging was determined immediately before harvest. Plants leaning more than 30 degrees from vertical and those bent or broken below the ear were counted as lodged. A scale of 1 to 5 is used to score lodging, with 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40%-60% down, and 5 = 80% or more plants down. 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 2011 crop performance tests are available in print format and online at “[varietytesting.missouri.edu](http://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. Planting was timely at all five North Region locations, but heavy spring rains affected seedling growth and development. The site at Craig flooded for the second year in a row and was abandoned. Precipitation was below normal for July and August at most locations.

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

Location	Soil Type	pH	Soil Test			Precipitation					GDD <sup>b</sup>
			OM	P	K	May	June	July	August	Season <sup>a</sup>	
Craig	(abandoned; see text)										
Albany	Grundy silt loam	6.8	3.2%	134	490	6.4	3.4	2.2	6.1	18.1	2777
Mooresville	Grundy silt loam	6.1	2.8%	22	322	5.0	5.1	4.6	4.4	19.1	2913
Novelty	Putnam silt loam	5.1	2.4%	60	346	3.7	11.1	2.6	1.8	19.2	2693
LaGrange	Westerville silt loam	5.1	2.8%	200	1108	5.4	15.5	1.0	0.6	22.5	2921

<sup>a</sup> Region average season total precipitation (May through August) = 20.1 inches, 3.2 inches below normal.

<sup>b</sup> Region average accumulated growing degree days (May through August) = 2768, 197 above normal

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

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post	
Craig	(abandoned; see text)								
Albany	May 4	Sept 28	225	60	80	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Mooresville	April 13	Oct 3	180	20	180	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Basagran	Force 3G
Novelty	April 13	Sept 22	210	15	35	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
LaGrange	May 5	Sept 30	225	0	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Basagran	Force3G

# ALBANY, MO (GENTRY COUNTY) - NORTH REGION

## NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6553VT3	177.3**	16.5	1	28398
Channel 214-14 VT3PBrand	173.9*	15.8	1	28398
Garst 82K01-3111	173.0*	18.8	2	29043
Lewis 1215VT3P	171.1*	16.4	1	27752
G2 Genetics 5H-712	169.6*	16.2	1	27107
Mycogen 2V715	167.6*	15.4	3	28075
NK N74R-3000GT	166.8*	19.3	1	28720
Pfister 3333SS	164.6*	16.3	1	29043
AgriGold A6458VT3	163.1*	15.8	2	29366
LG 2636VT3	163.1*	16.2	2	29366
Producers 7014VT3	162.9*	15.7	1	29366
Producers 7224VT3	162.6*	15.8	2	29366
LG 2549VT3	162.4*	15.6	1	29688
Pioneer 33T57	161.8*	16.0	1	29043
G2 Genetics 5H-013	161.5*	16.3	2	28398
G2 Genetics 5H-513	161.5*	19.4	2	28075
Pioneer P1018HR	161.2*	15.3	1	28075
MFA Morcorn MC4338VT3P	160.8*	16.3	1	26139
Producers 7414VT3	160.7*	16.1	3	29688
Channel 216-96 VT3P Brand	159.7*	15.6	1	28398
FS 62MV4	159.4*	16.0	1	24848
G2 Genetics 5H-1001	157.9*	15.5	1	27430
FS 63BV1	157.3*	16.7	2	30011
FS 61BX1	157.2*	15.5	1	29366
Dekalb DKC62-97(GENVT3P)	157.1*	15.3	1	29688
Dyna-Gro D51VP40	157.1*	15.9	1	27430
G2 Genetics 5X-1301	156.9*	17.6	1	27752
Producers 7574VT3	156.5*	16.0	2	29043
Mycogen 2A695	155.8*	15.1	1	28075
Channel 213-32 VT3 Brand	155.5*	16.1	1	29366
Mycogen 2V702	155.5*	15.3	1	28075
Stine 9806VT3Pro	155.4*	17.6	1	27430
MFA Morcorn MC4234VT2P	154.7	16.7	1	28075
G2 Genetics 5H-716	154.5	18.5	1	29688
Midland 531PRW	153.6	15.6	1	29366
Dyna-Gro CX11113	153.2	15.3	1	25493
Dekalb DKC61-49(GENVT2P)	153.1	15.2	1	25816
Lewis 1115VT2P	153.1	16.2	1	28398
Midland 622PRW	153.0	16.0	1	29688
Mycogen X20808	152.1	19.2	1	27752



**ALBANY, MO (GENTRY COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
MFA Morcorn MC4128VT3P	151.6	15.3	1	28075
Midland 552PRW	149.7	16.7	1	29043
MFA Morcorn MC4134VT2P	149.6	15.6	1	29043
Producers 7394VT3	149.1	16.0	1	28720
AgriGold A6476VT3Pro	149.0	15.3	2	29043
Pioneer P0916HR	148.4	15.0	1	29688
Lewis 1113GENSS	148.0	16.1	1	27430
Pfister 2570SS	147.6	16.0	1	29366
Midland 670BRW	147.3	16.5	1	28720
MFA Morcorn MC3914VT2P	146.1	15.9	1	28398
Garst 85E98-3000GT	145.9	15.3	1	28398
Mycogen 2A787	145.9	18.7	2	28720
Fontanelle 8A818	145.1	16.6	1	29688
Dekalb DKC64-69(GENV3P)	144.6	15.5	3	29043
AgriGold A6533VT3	144.2	15.8	3	27107
Midland 481PRW	142.9	15.3	1	30979
Mycogen 2H736	142.9	17.2	1	29043
Rainbow 3070	142.7	15.2	1	28720
AgriGold A6384VT3Pro	141.0	15.8	1	29366
Rainbow 3157	140.8	18.6	1	28720
Lewis 1213VT2P	139.7	15.8	1	28075
Stine M-1015B-15	139.6	16.0	2	28720
Merschman M-1015A	138.6	19.0	1	26461
Pioneer P1395HR	138.6	15.6	3	28398
G2 Genetics 5X-909	138.1	15.9	1	28398
AgriGold A6573VT3	137.5	16.4	3	29366
NK N68B-3111	137.4	16.2	2	29366
G2 Genetics 5H-515	136.2	18.7	1	27107
Merschman M-314A-10	135.6	18.3	4	26784
Dekalb DKC62-13(GENV2P)	134.2	15.1	1	29043
Midland 361PRW	133.8	15.6	1	27430
Lewis 1209VT2P	133.6	15.0	1	30011
Fontanelle 8T468	132.8	15.4	4	29366
Stine M -1109D -10	131.8	15.9	1	28720
FS 58MV4	131.2	13.6	4	29366
Pfister 2674HXTR	130.6	15.4	3	28398
Golden Harvest H-9173 3111	129.4	19.2	3	29043
NuTech Seed 5V-514	124.9	15.0	1	25816
Lewis 1014VT2P	124.0	15.4	4	26784
Dekalb DKC63-87(GENV2P)	117.2	15.4	3	29043

**ALBANY, MO (GENTRY COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Rainbow X1140GT3	115.2	16.5	3	28720
FS 64JV3	114.6	14.3	5	28720
Midland 641VLGW	110.5	15.0	2	27430
NuTech Seed 5V-813	105.2	15.9	5	27430
LG 2555VT3	104.4	15.4	4	28720
Golden Harvest H-8940 3000GT	101.4	15.2	5	26461
Lewis 1110VT2P	100.1	14.9	3	27752
Rainbow 3096GT3	96.3	15.0	4	28075
NuTech Seed 5N-1004	93.4	14.7	4	29043
Garst 83Z99 GT/CB/LL	69.8	17.0	5	28720
<b>GRAND MEAN</b>	<b>144.1</b>	<b>16.1</b>	<b>2</b>	<b>28426</b>
<b>LSD (10%)</b>	<b>22.4</b>	<b>0.8</b>		
<b>CV (%)</b>	<b>11.5</b>	<b>3.6</b>		

**\*\*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**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Merschman M-1015A	193.8**	16.3	1	26461
Pioneer P1395HR	193.6*	15.7	1	26139
LG 2636VT3	191.1*	15.9	1	28720
FS 64JV3	185.8*	15.6	1	27430
Producers 7394VT3	184.7*	15.8	1	26461
Midland 622PRW	184.4*	15.5	1	27752
Producers 7224VT3	184.4*	16.0	1	26784
Garst 83Z99 GT/CB/LL	184.0*	16.3	1	26139
NuTech Seed 5V-514	182.5*	16.0	1	21944
Mycogen 2V715	182.4*	14.8	1	24848
G2 Genetics 5H-515	182.2*	16.2	1	25493
LG 2549VT3	182.0*	14.9	1	27107
MFA Morcorn MC4128VT3P	182.0*	15.6	1	24848
Midland 670BRW	182.0*	16.4	1	26784
Pfister 2674HXTR	182.0*	15.3	1	26784
MFA Morcorn MC4338VT3P	181.4*	16.2	1	28398
AgriGold A6553VT3	181.2*	16.1	1	28075
Producers 7574VT3	181.2*	15.9	1	27430
Lewis 1113GENSS	180.7*	15.4	1	25171
Golden Harvest H-9173 3111	180.0*	16.1	1	26139
AgriGold A6458VT3	178.9*	15.1	1	27430
MFA Morcorn MC3914VT2P	178.2*	15.5	1	24203
Mycogen 2A695	178.0*	15.4	1	27430
FS 63BV1	177.8*	16.1	1	26784
AgriGold A6573VT3	177.6*	15.9	1	24203
G2 Genetics 5H-716	177.5*	16.1	1	27107
Lewis 1215VT3P	176.8*	15.9	1	27430
NK N74R-3000GT	176.8*	16.3	1	26461
Pfister 3333SS	175.3*	16.0	1	27107
FS 62MV4	174.9*	15.1	1	27752
Mycogen X20808	174.9*	16.4	1	27752
NK N68B-3111	174.2*	15.5	1	24203
AgriGold A6533VT3	174.1*	15.8	1	27430
G2 Genetics 5H-013	174.1*	15.6	1	23557
Golden Harvest H-8940 3000GT	174.0*	15.3	1	28075
Mycogen 2A787	173.8*	16.2	1	22589
Rainbow 3157	173.2*	16.1	1	27752
G2 Genetics 5H-513	172.6*	16.3	1	26461
FS 58MV4	172.4*	15.0	1	28398
MFA Morcorn MC4234VT2P	172.1*	15.9	1	26461

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 531PRW	172.0*	15.9	1	23234
LG 2555VT3	170.1	15.6	1	27107
Dekalb DKC61-49(GENVT2P)	169.1	15.3	1	23234
Producers 7414VT3	168.1	15.9	1	26139
Rainbow 3070	168.1	15.6	1	25171
NuTech Seed 5N-1004	168.0	15.1	1	22266
Stine M -1109D -10	168.0	15.5	1	25816
Midland 641VLGW	167.0	16.0	1	27430
Channel 213-32 VT3 Brand	166.1	16.0	1	28075
Fontanelle 8T468	166.1	15.2	1	18717
Merschman M-314A-10	166.0	16.3	1	17749
Dekalb DKC62-13(GENVT2P)	165.3	15.3	1	28720
G2 Genetics 5X-1301	164.2	16.0	1	24203
AgriGold A6384VT3Pro	164.1	15.2	1	27430
Fontanelle 8A818	164.0	15.6	1	25816
Garst 82K01-3111	163.8	16.3	1	18071
Midland 552PRW	163.6	15.9	1	23880
Stine 9806VT3Pro	162.8	16.1	1	19362
AgriGold A6476VT3Pro	162.0	15.1	1	25493
MFA Morcorn MC4134VT2P	161.7	15.7	1	28720
Pioneer P1018HR	161.1	15.1	1	24848
Channel 214-14 VT3PBrand	160.9	15.7	1	27107
Producers 7014VT3	160.7	15.0	1	22589
Rainbow 3096GT3	160.5	14.8	1	25493
Mycogen 2V702	158.6	15.2	1	23880
Lewis 1014VT2P	157.4	15.5	1	26139
Garst 85E98-3000GT	156.4	15.1	1	22912
Stine M-1015B-15	156.3	16.1	1	22266
Channel 216-96 VT3P Brand	155.8	15.4	1	26139
Dekalb DKC63-87(GENVT2P)	155.6	15.6	1	24203
Dekalb DKC62-97(GENVT3P)	155.0	15.8	1	25816
Pioneer P0916HR	154.6	15.2	1	23880
Rainbow X1140GT3	154.1	15.7	1	24848
Lewis 1213VT2P	153.9	15.3	1	26784
Pioneer 33T57	153.5	15.8	1	26461
Lewis 1110VT2P	153.1	15.2	1	21944
Lewis 1209VT2P	153.1	15.2	1	20330
Dyna-Gro CX11113	152.8	15.5	1	24848
Midland 361PRW	151.2	14.7	1	25493
G2 Genetics 5H-712	150.9	15.5	1	16135

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dekalb DKC64-69(GENV3P)	150.2	15.9	1	26784
G2 Genetics 5X-909	149.8	15.0	1	27107
Midland 481PRW	149.2	15.4	1	22912
Dyna-Gro D51VP40	148.7	15.3	1	24525
FS 61BX1	145.3	15.4	1	22589
Pfister 2570SS	145.3	15.6	1	27430
Mycogen 2H736	142.7	15.5	1	27107
Lewis 1115VT2P	142.2	15.7	1	21298
NuTech Seed 5V-813	140.5	15.7	1	25816
G2 Genetics 5H-1001	137.0	15.0	2	25816
<b>GRAND MEAN</b>	<b>167.9</b>	<b>15.6</b>	<b>1</b>	<b>25307</b>
<b>LSD (10%)</b>	<b>21.9</b>	<b>0.4</b>		
<b>CV (%)</b>	<b>9.7</b>	<b>1.9</b>		

*\*\*Highest yielding variety in test*

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

# NOVELTY, MO (KNOX COUNTY) - NORTH REGION

## NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Producers 7014VT3	152.1**	14.5	1	24848
Midland 622PRW	148.6*	17.3	1	25171
MFA Morcorn MC4338VT3P	145.5*	17.1	1	NA
Lewis 1209VT2P	145.1*	16.2	1	23880
Pioneer P1395HR	144.8*	16.8	1	22266
Fontanelle 8T468	143.9*	16.5	1	25816
Lewis 1110VT2P	143.5*	16.1	1	22266
FS 62MV4	143.3*	17.0	1	24525
AgriGold A6458VT3	142.8*	16.0	1	20653
Garst 82K01-3111	142.7*	18.5	1	17749
Dekalb DKC62-97(GENVT3P)	141.9*	16.2	1	24848
MFA Morcorn MC4234VT2P	141.9*	16.7	1	25816
AgriGold A6573VT3	141.7*	17.2	1	23557
Mycogen 2V702	138.8*	17.6	1	24203
Channel 213-32 VT3 Brand	138.4*	17.6	1	23880
FS 63BV1	138.4*	16.7	1	21621
Mycogen 2V715	138.4*	16.1	1	24525
MFA Morcorn MC4128VT3P	138.0*	16.5	1	23880
Dekalb DKC63-87(GENVT2P)	137.6*	15.9	1	26139
Pfister 2674HXTR	137.5*	17.0	1	17426
Producers 7574VT3	137.5*	16.6	1	22266
Dekalb DKC61-49(GENVT2P)	137.4*	16.3	1	22912
MFA Morcorn MC4134VT2P	136.7*	16.1	1	21621
LG 2549VT3	135.9*	15.9	1	28398
Merschman M-314A-10	135.3*	18.2	1	23557
Midland 552PRW	134.9*	17.0	1	22589
NK N74R-3000GT	134.6*	18.2	1	23880
Lewis 1215VT3P	133.4	16.8	1	22266
Garst 83Z99 GT/CB/LL	133.3	18.5	1	26461
FS 64JV3	133.2	15.5	1	27430
AgriGold A6553VT3	133.0	16.3	1	17103
LG 2555VT3	132.7	15.7	1	25493
NK N68B-3111	132.7	16.6	1	20653
Rainbow 3070	130.3	16.0	1	24525
Dekalb DKC64-69(GENVT3P)	129.4	16.0	1	20976
Pioneer P1018HR	129.2	15.0	1	23557
AgriGold A6533VT3	128.7	17.0	1	NA
Rainbow 3157	128.7	18.5	1	24525
Producers 7414VT3	128.4	17.3	1	26784
Stine M-1015B-15	128.1	16.7	1	28398

**NOVELTY, MO (KNOX COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Rainbow 3096GT3	128.0	14.1	1	24525
Stine M -1109D -10	128.0	15.8	1	27107
Channel 214-14 VT3PBrand	127.4	17.1	1	19685
Merschman M-1015A	127.4	18.4	1	28398
Producers 7224VT3	127.4	17.5	1	18394
Dyna-Gro CX11113	127.2	15.1	1	23880
Fontanelle 8A818	127.2	17.0	1	23557
Golden Harvest H-9173 3111	127.0	17.2	1	23234
Lewis 1115VT2P	126.9	18.6	1	19685
Midland 531PRW	126.9	16.0	1	25493
Pioneer P0916HR	126.9	15.2	1	22589
Midland 641VLGW	126.8	17.5	1	26784
Mycogen 2A787	126.2	18.8	1	18071
G2 Genetics 5H-515	126.1	18.2	1	20007
FS 61BX1	125.8	16.2	1	25816
Midland 670BRW	124.9	18.5	1	18717
AgriGold A6384VT3Pro	124.8	14.9	1	21298
Producers 7394VT3	123.9	15.6	1	27752
Lewis 1014VT2P	123.8	16.5	1	20007
Midland 481PRW	123.8	16.2	1	17103
Golden Harvest H-8940 3000GT	123.4	17.2	1	20007
G2 Genetics 5H-712	123.1	17.5	1	19362
Pioneer 33T57	122.9	18.3	1	16780
G2 Genetics 5H-513	122.6	16.9	1	26461
Mycogen X20808	122.6	16.6	1	23557
NuTech Seed 5V-514	122.6	18.1	1	20653
G2 Genetics 5H-716	121.7	18.2	1	25493
MFA Morcorn MC3914VT2P	120.4	17.0	1	19039
Lewis 1213VT2P	120.0	16.9	1	29043
G2 Genetics 5X-1301	119.9	18.2	1	23234
Lewis 1113GENSS	119.4	17.2	1	14522
AgriGold A6476VT3Pro	119.1	16.4	1	20007
Dyna-Gro D51VP40	119.1	16.1	1	23880
NuTech Seed 5V-813	119.1	17.7	1	28398
G2 Genetics 5H-013	118.6	16.8	1	18717
Rainbow X1140GT3	118.4	16.1	1	19039
Pfister 3333SS	117.9	17.6	1	24525
Garst 85E98-3000GT	117.6	15.8	1	20007
LG 2636VT3	116.5	17.0	1	16780
Mycogen 2A695	115.4	17.0	1	19685

**NOVELTY, MO (KNOX COUNTY) - NORTH REGION NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
NuTech Seed 5N-1004	115.4	13.8	1	26461
Pfister 2570SS	113.7	16.4	1	21298
Dekalb DKC62-13(GENV2P)	113.3	14.4	1	19039
FS 58MV4	110.0	15.4	1	18394
Channel 216-96 VT3P Brand	108.4	16.1	1	25171
G2 Genetics 5X-909	106.6	16.6	1	21944
Midland 361PRW	106.3	14.4	1	19362
G2 Genetics 5H-1001	106.0	15.3	1	20330
Stine 9806VT3Pro	105.5	18.9	1	NA
Mycogen 2H736	104.2	17.5	1	20330
<b>GRAND MEAN</b>	<b>128.5</b>	<b>16.7</b>	<b>1</b>	<b>22645</b>
<b>LSD (10%)</b>	<b>17.6</b>	<b>1.0</b>		
<b>CV (%)</b>	<b>10.1</b>	<b>4.3</b>		

**\*\*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**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Producers 7224VT3	215.8**	16.3	1	28720
AgriGold A6573VT3	213.8*	16.4	1	29043
AgriGold A6533VT3	210.1*	16.3	1	28075
Producers 7014VT3	209.9*	15.1	1	28075
Midland 552PRW	208.3*	16.0	1	28075
AgriGold A6458VT3	206.8*	15.2	1	28720
Mycogen 2V702	206.7*	15.5	1	29366
G2 Genetics 5H-515	206.6*	17.3	1	28720
MFA Morcorn MC4234VT2P	205.0*	16.0	1	27430
Producers 7574VT3	204.8*	16.3	1	27430
Mycogen X20808	202.7*	16.6	1	28398
Pioneer P1395HR	202.7*	15.7	1	27107
Mycogen 2A787	202.4*	16.3	1	28075
Stine 9806VT3Pro	199.8*	17.4	1	27430
Producers 7394VT3	198.8*	16.3	1	28075
Pfister 2674HXTR	197.7*	14.9	1	27107
Producers 7414VT3	197.6*	16.5	1	28075
LG 2549VT3	197.3*	15.3	1	27107
Channel 213-32 VT3 Brand	197.0*	16.5	1	28075
Golden Harvest H-9173 3111	196.8*	15.9	1	28720
FS 63BV1	196.2*	15.8	1	28720
FS 64JV3	196.0*	16.0	1	28398
LG 2555VT3	194.6	16.1	1	27752
MFA Morcorn MC3914VT2P	194.6	15.8	1	26139
Pioneer P1018HR	194.0	15.5	1	25816
Garst 82K01-3111	193.8	16.9	1	26461
Pioneer 33T57	193.6	16.6	1	28398
Mycogen 2V715	192.8	14.6	1	28398
G2 Genetics 5H-513	192.5	16.8	1	28720
AgriGold A6384VT3Pro	191.7	12.5	1	27430
Dekalb DKC62-97(GENV3P)	191.1	15.4	1	28075
AgriGold A6553VT3	190.6	16.2	1	28075
G2 Genetics 5H-013	190.4	15.5	1	26784
Merschman M-1015A	190.4	17.4	1	27752
Dekalb DKC62-13(GENV2P)	189.8	15.1	1	29043
Stine M-1015B-15	188.9	15.8	1	27752
Pioneer P0916HR	188.8	15.1	1	27430
NK N68B-3111	188.0	15.1	1	28075
Rainbow 3157	186.4	18.1	1	28075
NK N74R-3000GT	185.0	16.7	1	28398

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC63-87(GENVT2P)	184.5	16.1	1	28720
Midland 641VLGW	182.9	16.2	1	26461
Mycogen 2H736	182.9	16.1	1	27430
Channel 214-14 VT3PBrand	182.7	15.3	1	27752
Golden Harvest H-8940 3000GT	182.6	15.8	1	28398
Lewis 1115VT2P	182.0	16.0	1	27430
NuTech Seed 5N-1004	181.6	14.0	1	25493
Lewis 1113GENSS	181.0	16.1	1	25171
Midland 481PRW	180.5	15.6	1	27752
Midland 670BRW	180.0	16.5	1	27430
Pfister 3333SS	179.6	16.4	1	28398
Dekalb DKC61-49(GENVT2P)	179.3	15.7	1	25493
Lewis 1209VT2P	178.8	15.6	1	29366
Midland 361PRW	178.7	14.3	1	26784
Fontanelle 8T468	178.3	14.2	1	27107
Lewis 1014VT2P	177.9	16.3	1	26784
Mycogen 2A695	177.9	15.3	1	27107
FS 58MV4	177.5	15.2	1	26784
G2 Genetics 5H-712	177.0	16.0	1	26461
Lewis 1110VT2P	176.9	15.4	1	27430
G2 Genetics 5H-716	176.8	17.1	1	25171
Midland 531PRW	176.7	15.7	1	26784
LG 2636VT3	176.5	15.9	1	25816
Rainbow X1140GT3	176.1	15.8	1	26784
Rainbow 3096GT3	175.3	14.7	1	25816
FS 62MV4	175.2	14.9	1	28075
Fontanelle 8A818	174.4	16.1	1	26139
Merschman M-314A-10	174.2	18.2	1	23234
MFA Morcorn MC4134VT2P	174.2	16.1	1	27430
Midland 622PRW	172.9	15.9	1	27107
NuTech Seed 5V-514	172.8	15.6	1	26461
Lewis 1215VT3P	172.7	16.3	1	26139
NuTech Seed 5V-813	172.7	16.0	1	26461
Rainbow 3070	171.6	15.1	1	28075
Pfister 2570SS	169.1	14.8	1	28720
Stine M -1109D -10	168.5	14.5	1	28398
G2 Genetics 5X-1301	166.9	16.5	1	27752
FS 61BX1	166.0	14.3	1	29366
MFA Morcorn MC4128VT3P	165.0	16.1	1	29043
AgriGold A6476VT3Pro	164.1	15.5	1	25816

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dyna-Gro D51VP40	162.1	15.5	1	27752
Dekalb DKC64-69(GENV3P)	161.3	15.8	1	25816
Garst 83Z99 GT/CB/LL	161.1	16.9	1	26139
Garst 85E98-3000GT	157.8	13.8	1	25816
Channel 216-96 VT3P Brand	156.4	15.4	1	27752
MFA Morcom MC4338VT3P	155.7	16.2	1	26139
G2 Genetics 5H-1001	149.6	15.7	1	26139
G2 Genetics 5X-909	149.6	15.6	1	26139
Lewis 1213VT2P	146.6	15.1	1	27430
Dyna-Gro CX11113	139.9	15.4	1	27430
<b>GRAND MEAN</b>	<b>183.7</b>	<b>15.8</b>	<b>1</b>	<b>27404</b>
<b>LSD (10%)</b>	<b>20.5</b>	<b>1.0</b>		
<b>CV (%)</b>	<b>8.3</b>	<b>4.8</b>		

*\*\*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	Albany Bu/Ac	Mooreville Bu/Ac	Novelty Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
AgriGold A6458VT3	163.1*	178.9*	142.8*	206.8*	172.9**
Producers 7224VT3	162.6*	184.4*	127.4	215.8**	172.5*
Producers 7014VT3	162.9*	160.7	152.1**	209.9*	171.4*
AgriGold A6553VT3	177.3**	181.2*	133.0	190.6	170.5*
Mycogen 2V715	167.6*	182.4*	138.4*	192.8	170.3*
Producers 7574VT3	156.5*	181.2*	137.5*	204.8*	170.0*
Pioneer P1395HR	138.6	193.6*	144.8*	202.7*	169.9*
LG 2549VT3	162.4*	182.0*	135.9*	197.3*	169.4*
MFA Morcorn MC4234VT2P	154.7	172.1*	141.9*	205.0*	168.4*
Garst 82K01-3111	173.0*	163.8	142.7*	193.8	168.3*
AgriGold A6573VT3	137.5	177.6*	141.7*	213.8*	167.6*
FS 63BV1	157.3*	177.8*	138.4*	196.2*	167.4*
NK N74R-3000GT	166.8*	176.8*	134.6*	185.0	165.8*
Mycogen 2V702	155.5*	158.6	138.8*	206.7*	164.9*
Midland 622PRW	153.0	184.4*	148.6*	172.9	164.7*
AgriGold A6533VT3	144.2	174.1*	128.7	210.1*	164.2*
Channel 213-32 VT3 Brand	155.5*	166.1	138.4*	197.0*	164.2*
Midland 552PRW	149.7	163.6	134.9*	208.3*	164.1*
Producers 7394VT3	149.1	184.7*	123.9	198.8*	164.1*
Producers 7414VT3	160.7*	168.1	128.4	197.6*	163.7*
Lewis 1215VT3P	171.1*	176.8*	133.4	172.7	163.5*
FS 62MV4	159.4*	174.9*	143.3*	175.2	163.2*
Mycogen X20808	152.1	174.9*	122.6	202.7*	163.0*
G2 Genetics 5H-515	136.2	182.2*	126.1	206.6*	162.7
Merschman M-1015A	138.6	193.8**	127.4	190.4	162.5
G2 Genetics 5H-513	161.5*	172.6*	122.6	192.5	162.3
Mycogen 2A787	145.9	173.8*	126.2	202.4*	162.0
Pfister 2674HXTR	130.6	182.0*	137.5*	197.7*	161.9
LG 2636VT3	163.1*	191.1*	116.5	176.5	161.8
Pioneer P1018HR	161.2*	161.1	129.2	194.0	161.3
Channel 214-14 VT3PBrand	173.9*	160.9	127.4	182.7	161.2
Dekalb DKC62-97(GENVT3P)	157.1*	155.0	141.9*	191.1	161.2
G2 Genetics 5H-013	161.5*	174.1*	118.6	190.4	161.1
MFA Morcorn MC4338VT3P	160.8*	181.4*	145.5*	155.7	160.8
MFA Morcorn MC3914VT2P	146.1	178.2*	120.4	194.6	159.8
Dekalb DKC61-49(GENVT2P)	153.1	169.1	137.4*	179.3	159.7
Pfister 3333SS	164.6*	175.3*	117.9	179.6	159.3
MFA Morcorn MC4128VT3P	151.6	182.0*	138.0*	165.0	159.1
Midland 670BRW	147.3	182.0*	124.9	180.0	158.5
Golden Harvest H-9173 3111	129.4	180.0*	127.0	196.8*	158.3

**NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST**

Brand/Variety	Albany Bu/Ac	Mooreville Bu/Ac	Novelty Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
NK N68B-3111	137.4	174.2*	132.7	188.0	158.0
Pioneer 33T57	161.8*	153.5	122.9	193.6	157.9
G2 Genetics 5H-716	154.5	177.5*	121.7	176.8	157.6
FS 64JV3	114.6	185.8*	133.2	196.0*	157.4
Midland 531PRW	153.6	172.0*	126.9	176.7	157.3
Lewis 1113GENSS	148.0	180.7*	119.4	181.0	157.2
Rainbow 3157	140.8	173.2*	128.7	186.4	157.2
Mycogen 2A695	155.8*	178.0*	115.4	177.9	156.7
Stine 9806VT3Pro	155.4*	162.8	105.5	199.8*	155.8
MFA Morcorn MC4134VT2P	149.6	161.7	136.7*	174.2	155.5
AgriGold A6384VT3Pro	141.0	164.1	124.8	191.7	155.4
Fontanelle 8T468	132.8	166.1	143.9*	178.3	155.2
G2 Genetics 5H-712	169.6*	150.9	123.1	177.0	155.1
Pioneer P0916HR	148.4	154.6	126.9	188.8	154.6
Stine M-1015B-15	139.6	156.3	128.1	188.9	153.2
Rainbow 3070	142.7	168.1	130.3	171.6	153.1
Merschman M-314A-10	135.6	166.0	135.3*	174.2	152.7
Fontanelle 8A818	145.1	164.0	127.2	174.4	152.6
Lewis 1209VT2P	133.6	153.1	145.1*	178.8	152.6
G2 Genetics 5X-1301	156.9*	164.2	119.9	166.9	151.9
Lewis 1115VT2P	153.1	142.2	126.9	182.0	151.0
NuTech Seed 5V-514	124.9	182.5*	122.6	172.8	150.7
Dekalb DKC62-13(GENVT2P)	134.2	165.3	113.3	189.8	150.6
LG 2555VT3	104.4	170.1	132.7	194.6	150.4
Midland 481PRW	142.9	149.2	123.8	180.5	149.1
Stine M -1109D -10	131.8	168.0	128.0	168.5	149.0
Dekalb DKC63-87(GENVT2P)	117.2	155.6	137.6*	184.5	148.7
AgriGold A6476VT3Pro	149.0	162.0	119.1	164.1	148.5
FS 61BX1	157.2*	145.3	125.8	166.0	148.5
FS 58MV4	131.2	172.4*	110.0	177.5	147.7
Midland 641VLGW	110.5	167.0	126.8	182.9	146.8
Dyna-Gro D51VP40	157.1*	148.7	119.1	162.1	146.7
Dekalb DKC64-69(GENVT3P)	144.6	150.2	129.4	161.3	146.3
Lewis 1014VT2P	124.0	157.4	123.8	177.9	145.7
Golden Harvest H-8940 3000GT	101.4	174.0*	123.4	182.6	145.3
Channel 216-96 VT3P Brand	159.7*	155.8	108.4	156.4	145.0
Garst 85E98-3000GT	145.9	156.4	117.6	157.8	144.4
Pfister 2570SS	147.6	145.3	113.7	169.1	143.9
Lewis 1110VT2P	100.1	153.1	143.5*	176.9	143.4
Dyna-Gro CX11113	153.2	152.8	127.2	139.9	143.2

**NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Albany Bu/Ac</b>	<b>Mooresville Bu/Ac</b>	<b>Novelty Bu/Ac</b>	<b>LaGrange Bu/Ac</b>	<b>Mean Bu/Ac</b>
Mycogen 2H736	142.9	142.7	104.2	182.9	143.1
Midland 361PRW	133.8	151.2	106.3	178.7	142.5
Rainbow X1140GT3	115.2	154.1	118.4	176.1	140.9
Lewis 1213VT2P	139.7	153.9	120.0	146.6	140.0
Rainbow 3096GT3	96.3	160.5	128.0	175.3	140.0
NuTech Seed 5N-1004	93.4	168.0	115.4	181.6	139.6
G2 Genetics 5H-1001	157.9*	137.0	106.0	149.6	137.6
Garst 83Z99 GT/CB/LL	69.8	184.0*	133.3	161.1	137.0
G2 Genetics 5X-909	138.1	149.8	106.6	149.6	136.0
NuTech Seed 5V-813	105.2	140.5	119.1	172.7	134.3
<b>GRAND MEAN</b>	<b>144.1</b>	<b>167.9</b>	<b>128.5</b>	<b>183.7</b>	<b>156.1</b>
<b>LSD (10%)</b>	<b>22.4</b>	<b>21.9</b>	<b>17.6</b>	<b>20.5</b>	<b>9.9</b>
<b>CV (%)</b>	<b>11.5</b>	<b>9.7</b>	<b>10.1</b>	<b>8.3</b>	<b>9.5</b>

*\*\*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. Heavy spring rain delayed planting at Columbia until June 6. The Truxton location was replanted on June 1. Unfortunately, stands were still unacceptable and the Truxton location was abandoned. 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	pH	Soil Test			Precipitation					GDD <sup>b</sup>
			OM	P	K	May	June	July	August	Season <sup>a</sup>	
Henrietta	Haynie silt loam	5.7	1.8%	58	512	5.6"	4.0"	3.3"	5.4"	18.3"	2790
Marshall	Joy silt loam	5.7	3.2%	98	604	4.9"	3.4"	3.7"	3.3"	15.3"	2990
Columbia	Mexico silt loam	6.3	1.9%	84	408	6.7"	3.6"	1.6"	3.3"	15.2"	2922
Truxton	(abandoned; see text)										
Annada	Tice silt loam	5.3	2.0%	26	230	4.8"	5.6"	1.3"	1.6"	13.3"	2916

### CHARACTERISTICS OF THE IRRIGATED CORN TEST LOCATIONS – CENTRAL REGION

Location	Soil Type	pH	Soil Test			Precipitation					Irrigate <sup>b</sup>
			OM	P	K	May	June	July	August	Season <sup>a</sup>	
Columbia	Mexico silt loam	6.5	1.7%	30	238	6.7"	3.6"	1.6"	3.3"	15.2"	7.5"
Laddonia	Mexico silt loam	6.8	1.7%	60	212	4.5"	6.0"	1.9"	1.4"	13.8"	10.0"

<sup>a</sup> Region average season total precipitation (May through August) = 15.2 inches, 1.0 inches below normal.

<sup>b</sup> Region average accumulated growing degree days (May through August) = 2910, 186 above normal

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

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post	
Henrietta	April 12	Sept 21	185	40	60	Min.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Marshall	May 10	Oct 6	250	60	80	Notill	Dual II Magnum, Atrazine, Princep, Callisto	Basagran Accent	Force 3G
Columbia	June 6	Oct 21	225	0	0	Notill	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Truxton	(abandoned; see text)								
Annada	April 18	Sept 21	275	100	120	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		Insecticide
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post	
Columbia	June 3	Oct 21	265	0	0	Notill	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Laddonia	May 6	Sept 13	na	na	na	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

<sup>a</sup> na = not provided by cooperator

# HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION

## NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 214-14 VT3PBrand	237.3**	16.0	1	27107
FS 63BV1	234.7*	16.3	1	28398
Producers 7394VT3	223.9*	16.2	1	29043
AgriGold A6573VT3	223.4*	16.6	1	25493
Kruger K-7215	222.8*	16.3	1	26139
Pioneer 33T57	221.1*	16.2	1	29043
Mycogen X20808	217.6*	16.8	1	28075
MFA Morcorn MC4338VT3P	217.5*	16.9	1	27430
Kruger K-4510	216.8*	15.5	1	29688
Dyna-Gro CX11114	215.1	16.5	1	29366
G2 Genetics 5H-716	214.9	16.9	1	27107
Midland 531PRW	214.5	16.1	1	28075
Kruger K-4014	213.6	16.4	1	27430
Channel 217-08 VT3P Brand	213.5	16.8	1	28720
Midland 552PRW	213.4	16.3	1	24848
Mycogen 2V702	213.2	15.7	1	27107
Dyna-Gro CX11113	212.9	15.9	1	28398
MFA Morcorn MC4128VT3P	212.4	15.9	1	29366
Dekalb DKC62-97(GENVT3P)	211.9	15.8	1	26139
FS 62MV4	211.6	15.9	1	28720
Lewis 1214VT3P	211.0	16.0	1	29043
Dekalb DKC63-87(GENVT2P)	210.7	16.1	1	28075
MFA Morcorn MC4234VT2P	210.5	16.2	1	28720
NK N68B-3111	209.9	16.1	1	26784
Lewis 1209VT2P	209.8	15.6	1	28075
Pfister 3333SS	209.6	16.2	1	28720
G2 Genetics 5H-515	209.2	17.1	2	29688
Pioneer P1395HR	209.0	15.8	1	27752
Kruger K4-9710	208.8	15.7	1	29043
LG 2641VT3	208.8	16.5	1	27430
Kruger K-7514	208.6	15.7	1	28720
MFA Morcorn MC4134VT2P	208.2	15.9	1	27107
Hoegemeyer HPT7931	208.1	15.6	1	28075
FS 64JV3	207.5	16.2	1	26461
Golden Harvest H-9173 3111	207.4	16.6	1	26461
LG 2636VT3	207.3	17.5	2	25816
Producers 7574VT3	207.2	16.6	1	28398
AgriGold A6458VT3	206.6	15.7	1	29043
AgriGold A6533VT3	206.5	16.7	1	27107
Pfister 2570SS	206.4	16.1	1	28720

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dyna-Gro D51VP40	205.9	15.9	1	29043
Kruger K-4110	205.8	16.0	1	27430
LG 2620VT3	205.8	16.5	1	28075
Channel 216-63 VT3 Brand	205.4	17.5	2	27752
FS 65BV3	204.1	16.5	1	25816
Kruger K-7516	204.0	16.4	1	26784
AgriGold A6553VT3	203.8	16.6	1	29688
Lewis 1110VT2P	203.6	15.8	1	25171
Hoegemeyer 8359	203.3	16.0	1	28720
Lewis 1215VT3P	202.5	16.3	1	26139
Rainbow 3070	202.0	15.9	1	28398
Producers 7224VT3	201.1	16.7	2	27752
G2 Genetics 5H-013	200.6	15.8	1	28398
AgriGold A6476VT3Pro	200.5	15.7	1	23234
Mycogen 2V715	199.8	15.4	1	24848
Mycogen 2H736	198.6	16.0	1	26139
Producers 7414VT3	198.0	16.5	1	25171
NK N74R-3000GT	197.6	16.5	1	27752
Dekalb DKC62-13(GENVT2P)	197.1	16.0	1	27430
Producers 7014VT3	196.8	15.7	1	26139
Kruger K-7614	196.6	16.0	1	28720
Mycogen 2V738	195.9	15.9	1	28398
Garst 85E98-3000GT	195.7	15.6	1	28075
Hoegemeyer HPT8691	195.5	16.0	1	25816
G2 Genetics 5H-513	195.4	18.6	1	26784
Lewis 1014VT2P	194.7	16.3	1	27107
Midland 641VLGW	193.3	16.0	1	27752
Garst 82K01-3111	193.0	19.1	1	24203
Midland 670BRW	192.8	18.0	2	27752
Pioneer P1018HR	192.4	15.6	1	28720
Golden Harvest H-8940 3000GT	192.0	15.6	1	27752
Midland 622PRW	191.5	16.0	1	29043
Pfister 2674HXTR	190.4	15.3	2	28075
FS 61BX1	190.3	15.8	1	28720
Hoegemeyer HPT8505	190.3	16.9	1	27430
Mycogen 2A787	189.4	17.6	1	27430
MFA Morcorn MC3914VT2P	187.5	16.1	1	29043
G2 Genetics 5H-712	186.3	15.8	1	23880
Dekalb DKC61-49(GENVT2P)	185.5	15.7	1	25493
FS 66S41	185.5	17.8	2	26139

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Rainbow X1160GTCBLL	185.2	17.7	1	29366
Lewis 1213VT2P	185.0	16.0	1	28398
Lewis 1115VT2P	184.6	16.4	1	21944
Channel 216-96 VT3P Brand	183.5	16.2	1	28398
Hoegemeyer HPT8102	183.0	15.9	1	26784
Hoegemeyer HPT8228	183.0	15.6	1	27107
Midland 361PRW	182.9	15.5	1	27107
Midland 481PRW	182.3	16.0	1	27430
Garst 83Z99 GT/CB/LL	180.2	18.1	3	29688
G2 Genetics 5X-1301	179.5	16.4	1	28075
Kruger K4-9513	178.6	16.1	1	29043
Dekalb DKC64-69(GENV3P)	178.1	16.3	2	26461
NuTech Seed 5V-514	178.1	15.6	1	24848
Pioneer P0916HR	177.8	15.5	1	27752
Kruger K-7312	176.7	15.8	1	22589
NuTech Seed 5V-813	172.3	15.8	1	27430
Rainbow X1140GT3	167.3	16.3	2	28075
Kruger K-6411	165.7	15.5	1	22589
<b>GRAND MEAN</b>	<b>200.5</b>	<b>16.2</b>	<b>1</b>	<b>27390</b>
<b>LSD (10%)</b>	<b>20.8</b>	<b>0.7</b>		
<b>CV (%)</b>	<b>7.7</b>	<b>3.4</b>		

*\*\*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
Dyna-Gro CX11114	223.3**	15.9	1	28075
Garst 82K01-3111	220.5*	16.9	1	28398
LG 2620VT3	218.0*	15.8	1	29688
Producers 7574VT3	217.9*	15.6	1	28075
G2 Genetics 5H-515	217.4*	16.4	1	28398
Channel 217-08 VT3P Brand	217.0*	16.2	1	28398
Channel 214-14 VT3PBrand	216.8*	15.4	1	29366
Kruger K-4014	216.7*	15.6	1	28720
LG 2636VT3	215.5*	15.6	1	28398
Midland 552PRW	215.4*	15.7	1	29366
AgriGold A6553VT3	213.2*	16.2	1	29688
Producers 7394VT3	211.2	16.0	1	29043
AgriGold A6573VT3	211.0	15.8	1	29043
Lewis 1215VT3P	210.7	16.0	1	29043
MFA Morcorn MC4234VT2P	210.0	15.5	1	28720
Midland 531PRW	207.8	15.2	1	28720
Lewis 1209VT2P	207.2	14.4	1	28075
Producers 7224VT3	206.1	15.8	1	29043
Mycogen X20808	205.9	16.9	1	29688
AgriGold A6533VT3	205.8	15.8	1	29688
Dekalb DKC64-69(GENV3P)	205.3	15.6	1	28720
MFA Morcorn MC4338VT3P	205.3	16.0	1	27752
Hoegemeyer 8359	204.5	16.1	1	28720
Dyna-Gro D51VP40	204.4	15.1	1	29688
Garst 83Z99 GT/CB/LL	204.3	16.2	1	29043
FS 63BV1	204.1	15.9	1	29688
Midland 670BRW	203.8	16.4	1	27752
Kruger K-7514	203.4	15.1	1	29366
Golden Harvest H-9173 3111	203.2	16.2	1	29043
Lewis 1214VT3P	202.9	15.2	1	28720
Lewis 1014VT2P	202.8	15.6	1	27430
LG 2641VT3	202.6	16.2	1	28075
Pfister 2570SS	202.1	15.0	1	29043
Rainbow X1140GT3	202.1	16.1	1	28720
NK N68B-3111	201.9	15.8	1	28075
Mycogen 2A787	201.5	16.1	1	29043
Pioneer P1395HR	200.5	15.6	1	28398
Dekalb DKC62-97(GENV3P)	200.3	15.4	1	29366
FS 62MV4	200.3	15.0	1	29688
Dekalb DKC63-87(GENV2P)	200.2	14.9	1	29688

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 641VLGW	198.8	15.7	1	28720
Pioneer P1018HR	198.8	15.3	1	27752
Rainbow X1160GTCBLL	198.3	16.3	1	28398
Kruger K-7215	197.4	15.9	1	28075
FS 61BX1	197.3	15.4	1	29043
FS 64JV3	197.3	15.1	1	29043
Dekalb DKC61-49(GENVT2P)	197.0	14.7	1	29043
Mycogen 2V715	196.5	15.0	1	29688
Rainbow 3070	196.3	15.3	1	28398
FS 65BV3	196.2	15.9	1	29043
Pfister 3333SS	196.2	15.8	1	28398
Hoegemeyer HPT7931	195.7	14.9	1	29688
NK N74R-3000GT	195.7	16.3	1	29366
Dekalb DKC62-13(GENVT2P)	195.6	15.3	1	29043
Kruger K-6411	195.5	13.7	1	30011
AgriGold A6458VT3	195.1	15.2	1	28398
Kruger K-7614	194.8	15.8	1	29043
Producers 7414VT3	194.7	16.0	1	27430
Lewis 1115VT2P	194.5	15.6	1	29043
Hoegemeyer HPT8505	194.2	16.0	1	28720
Midland 622PRW	194.0	15.2	1	28398
Mycogen 2V702	193.8	15.0	1	30011
Kruger K-4510	193.7	13.4	1	29688
Golden Harvest H-8940 3000GT	193.5	15.4	1	27430
MFA Morcorn MC4128VT3P	193.5	15.5	1	28075
Producers 7014VT3	192.6	15.3	1	28720
G2 Genetics 5H-513	191.3	16.1	1	29366
G2 Genetics 5H-712	191.0	15.9	1	29366
Lewis 1213VT2P	191.0	15.6	1	27752
Kruger K4-9710	190.7	15.1	1	29043
Lewis 1110VT2P	190.2	14.1	1	28398
FS 66S41	190.1	16.3	1	28398
AgriGold A6476VT3Pro	190.0	14.3	1	28398
MFA Morcorn MC3914VT2P	190.0	15.6	1	28075
Channel 216-63 VT3 Brand	189.6	15.6	1	29043
G2 Genetics 5H-716	189.3	16.3	1	28720
Midland 481PRW	189.1	15.7	1	28720
Pioneer 33T57	188.7	15.6	1	27430
Hoegemeyer HPT8102	188.6	15.8	1	27430
Kruger K-4110	188.2	15.1	1	28075

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
G2 Genetics 5H-013	187.8	15.7	1	29043
MFA Morcorn MC4134VT2P	187.8	15.4	1	27430
Midland 361PRW	187.7	14.1	1	28720
Dyna-Gro CX11113	187.5	15.0	1	29043
Kruger K-7516	187.2	15.9	1	29043
Mycogen 2V738	186.7	14.8	1	28720
NuTech Seed 5V-514	186.4	15.8	1	26784
Pioneer P0916HR	185.7	14.5	1	29043
Mycogen 2H736	183.3	15.7	1	29043
Hoegemeyer HPT8228	182.9	15.1	1	28720
Pfister 2674HXTR	181.9	14.4	1	29688
Garst 85E98-3000GT	180.7	14.9	1	29366
Kruger K-7312	180.4	15.0	1	26784
Hoegemeyer HPT8691	179.2	15.8	1	26461
Kruger K4-9513	178.0	15.1	1	28720
G2 Genetics 5X-1301	177.8	16.4	1	27430
Channel 216-96 VT3P Brand	170.0	15.9	1	29688
NuTech Seed 5V-813	159.3	16.0	1	27752
<b>GRAND MEAN</b>	<b>197.4</b>	<b>15.4</b>	<b>1</b>	<b>28694</b>
<b>LSD (10%)</b>	<b>11.3</b>	<b>0.4</b>		
<b>CV (%)</b>	<b>4.4</b>	<b>2.2</b>		

*\*\*Highest yielding variety in test*

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

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Garst 82K01-3111	158.6**	22.8	1	25493
NK N74R-3000GT	144.7*	21.8	1	28398
Midland 531PRW	140.2	21.2	1	26139
Producers 7414VT3	138.9	21.3	1	26784
Dyna-Gro CX11114	137.1	20.5	1	26784
Channel 217-08 VT3P Brand	136.6	22.4	1	28720
Midland 641VLGW	136.5	21.9	1	27752
Mycogen 2A787	133.8	21.5	1	28075
AgriGold A6553VT3	133.0	21.0	1	22589
Producers 7224VT3	130.6	21.0	1	27107
Pioneer P0916HR	129.4	19.6	1	28398
Kruger K-7516	129.3	21.0	1	24203
Rainbow X1140GT3	129.1	21.8	1	28398
MFA Morcom MC4128VT3P	128.9	21.4	1	27430
NK N68B-3111	128.7	21.0	1	25493
Rainbow X1160GTCBLL	126.9	24.5	1	29043
AgriGold A6476VT3Pro	126.7	20.6	1	27752
Pfister 3333SS	126.5	21.4	1	27107
Dekalb DKC61-49(GENVT2P)	125.9	20.5	1	28075
Midland 670BRW	125.6	22.5	1	28075
MFA Morcom MC4234VT2P	125.2	21.0	1	28075
Producers 7574VT3	124.9	21.5	1	29043
FS 63BV1	123.5	21.3	1	27430
Kruger K4-9710	122.9	21.2	1	28075
LG 2641VT3	122.8	21.1	1	26461
Garst 83Z99 GT/CB/LL	122.5	22.9	1	27752
Channel 214-14 VT3PBrand	122.1	20.4	1	27430
LG 2620VT3	121.2	20.4	1	29366
FS 65BV3	121.1	22.5	1	29688
Kruger K-4510	121.0	18.1	1	28398
Pioneer 33T57	120.7	20.9	1	27107
Golden Harvest H-8940 3000GT	120.0	21.4	1	27752
Hoegemeyer HPT8102	118.8	20.9	1	28398
Lewis 1213VT2P	118.7	20.8	1	27430
Kruger K-7215	118.2	20.5	1	26139
MFA Morcom MC4338VT3P	118.1	20.3	1	27430
Mycogen 2V715	118.0	20.2	1	27752
Golden Harvest H-9173 3111	117.5	21.4	1	29688
Hoegemeyer 8359	117.3	20.9	1	29043
Pfister 2674HXTR	117.2	20.5	1	28075



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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mycogen 2V738	116.2	22.0	1	26461
Dyna-Gro CX11113	116.0	20.7	1	27107
Garst 85E98-3000GT	115.9	19.1	1	27430
Kruger K-7514	114.9	18.2	1	27430
Producers 7394VT3	114.6	20.3	1	28075
Dekalb DKC63-87(GENVT2P)	114.4	20.1	1	24848
Hoegemeyer HPT7931	113.9	20.6	1	24848
Hoegemeyer HPT8691	113.8	21.1	1	24848
Kruger K-7312	113.2	19.9	1	24848
AgriGold A6573VT3	113.0	21.0	1	29043
Dekalb DKC64-69(GENVT3P)	112.8	20.0	1	25171
FS 61BX1	112.8	20.6	1	28398
Dekalb DKC62-97(GENVT3P)	112.5	21.4	1	21944
Midland 552PRW	111.9	20.8	1	28398
G2 Genetics 5H-712	111.7	20.8	1	25493
MFA Morcorn MC4134VT2P	111.6	20.0	1	28075
FS 66S41	111.2	24.6	1	25816
Lewis 1110VT2P	111.1	20.6	1	27430
Producers 7014VT3	110.9	19.9	1	29366
Mycogen 2V702	110.0	20.9	1	28398
Midland 622PRW	109.4	20.7	1	28720
Lewis 1209VT2P	108.2	20.3	1	27752
LG 2636VT3	108.2	20.5	1	29366
AgriGold A6533VT3	108.1	20.4	1	28075
MFA Morcorn MC3914VT2P	108.0	20.0	1	29688
Lewis 1215VT3P	107.7	20.2	1	28720
Kruger K-4014	107.2	21.5	1	29688
NuTech Seed 5V-813	107.2	21.9	1	26139
G2 Genetics 5H-513	107.0	22.6	1	28398
NuTech Seed 5V-514	107.0	21.1	1	26139
Pioneer P1018HR	106.7	19.2	1	27107
Kruger K-6411	106.5	19.3	1	25171
Pfister 2570SS	106.0	20.0	1	25171
AgriGold A6458VT3	105.8	19.9	1	29366
Mycogen 2H736	105.8	21.1	1	28075
Dyna-Gro D51VP40	105.7	20.3	1	29043
Rainbow 3070	104.4	20.4	1	27752
Dekalb DKC62-13(GENVT2P)	104.2	20.0	1	27107
Lewis 1214VT3P	104.2	17.8	1	28075
Kruger K-7614	103.7	20.5	1	28720

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
G2 Genetics 5H-515	103.6	21.8	1	25493
Midland 361PRW	101.9	19.3	1	27752
G2 Genetics 5X-1301	101.0	20.7	1	27430
Midland 481PRW	100.8	19.4	1	26461
Channel 216-96 VT3P Brand	100.2	20.9	1	27752
Hoegemeyer HPT8505	98.7	22.0	1	24525
Kruger K4-9513	97.5	21.3	1	29043
Kruger K-4110	96.6	20.0	1	28398
FS 64JV3	96.1	20.9	1	28075
Channel 216-63 VT3 Brand	93.5	21.6	1	28720
FS 62MV4	92.8	19.9	1	28720
G2 Genetics 5H-716	92.7	22.7	1	28075
Lewis 1115VT2P	89.9	21.4	1	27107
G2 Genetics 5H-013	87.8	20.7	1	28398
Pioneer P1395HR	87.2	20.6	1	27430
Lewis 1014VT2P	86.4	20.2	1	27430
Hoegemeyer HPT8228	68.6	19.7	1	26784
Mycogen X20808	66.3	22.9	1	29043
<b>GRAND MEAN</b>	<b>113.7</b>	<b>20.7</b>	<b>1</b>	<b>27456</b>
<b>LSD (10%)</b>	<b>18.3</b>	<b>1.2</b>		
<b>CV (%)</b>	<b>12.1</b>	<b>4.4</b>		

\*\*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
FS 64JV3	208.1**	16.7	1	29366
Hoegemeyer 8359	206.1*	18.2	1	28720
Kruger K-4014	202.9*	17.8	1	29043
Garst 82K01-3111	202.8*	19.6	2	26784
Golden Harvest H-8940 3000GT	200.7*	17.6	1	28398
Channel 217-08 VT3P Brand	199.2*	18.1	1	28398
Channel 216-63 VT3 Brand	198.2*	18.1	1	30979
Producers 7574VT3	197.8*	17.5	1	29043
Producers 7014VT3	196.6*	16.2	1	30657
AgriGold A6458VT3	196.4*	16.1	1	28398
Hoegemeyer HPT8691	195.5*	17.7	1	25816
G2 Genetics 5H-716	194.9*	18.3	1	28398
AgriGold A6476VT3Pro	194.6*	15.8	1	27430
Producers 7224VT3	194.1*	18.2	1	27752
Pioneer P1395HR	193.6*	16.4	1	29043
Midland 622PRW	192.9*	16.7	1	29688
G2 Genetics 5H-515	191.1*	18.4	1	27107
AgriGold A6553VT3	190.7*	18.0	1	28398
NK N68B-3111	190.7*	17.4	1	25493
LG 2636VT3	190.3*	18.0	1	28075
NK N74R-3000GT	189.7*	18.1	1	29366
FS 66S41	189.1*	17.8	1	29043
Kruger K4-9710	189.0*	16.0	1	28720
Producers 7414VT3	188.9*	17.6	1	26139
Mycogen 2V702	188.8*	17.2	1	29366
Lewis 1215VT3P	186.7	17.7	1	28720
Producers 7394VT3	186.1	17.7	1	27430
Hoegemeyer HPT8505	185.9	18.3	1	26139
MFA Morcorn MC4234VT2P	185.8	17.9	1	28720
Lewis 1110VT2P	185.7	15.9	1	29043
MFA Morcorn MC3914VT2P	185.1	16.7	1	28398
AgriGold A6533VT3	184.0	17.3	1	25493
Kruger K-4510	183.9	14.9	1	29688
AgriGold A6573VT3	183.4	18.1	1	27430
Golden Harvest H-9173 3111	183.1	18.3	1	29366
FS 65BV3	182.9	17.5	1	28398
Mycogen 2A787	182.9	18.7	1	29043
Rainbow X1160GTCBLL	182.7	18.5	1	28720
Pioneer P0916HR	182.3	14.5	1	28398
Pfister 2674HXTR	181.6	16.1	1	27430

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1014VT2P	181.1	17.5	1	28075
Midland 670BRW	180.7	18.7	1	28075
LG 2620VT3	180.6	18.0	1	29043
MFA Morcorn MC4338VT3P	180.3	18.1	1	29043
Mycogen 2V738	179.7	16.8	1	29043
Midland 641VLGW	178.9	17.5	1	26461
NuTech Seed 5V-813	178.7	18.2	1	27752
MFA Morcorn MC4134VT2P	178.5	17.1	1	28398
Hoegemeyer HPT8102	178.4	17.0	1	29688
Garst 83Z99 GT/CB/LL	178.3	17.4	1	28720
FS 63BV1	178.0	17.4	1	29043
Midland 361PRW	178.0	15.4	1	27430
Dekalb DKC62-97(GENVT3P)	177.5	17.2	1	29043
LG 2641VT3	176.6	17.5	1	24525
Dyna-Gro D51VP40	176.0	16.8	1	27430
Mycogen 2V715	175.9	17.0	1	26139
FS 61BX1	175.8	16.9	1	30011
Pioneer P1018HR	175.6	15.2	1	25816
Rainbow X1140GT3	175.6	17.0	1	28075
Dyna-Gro CX11114	175.0	17.6	1	29043
G2 Genetics 5H-712	174.9	18.0	1	26139
Kruger K-6411	174.8	15.7	1	26139
G2 Genetics 5X-1301	174.5	17.6	1	27752
Rainbow 3070	174.5	16.6	1	27107
Dekalb DKC61-49(GENVT2P)	173.7	16.0	1	28075
Garst 85E98-3000GT	173.6	13.9	1	25816
Kruger K-7516	171.9	17.0	1	26784
Dekalb DKC63-87(GENVT2P)	171.6	17.5	1	29366
Kruger K-7215	171.0	17.7	1	28720
Pfister 3333SS	171.0	17.3	1	28720
Pfister 2570SS	170.0	16.9	1	28398
Mycogen X20808	169.1	18.7	1	27752
G2 Genetics 5H-513	168.7	18.4	1	29366
Kruger K-7514	168.7	16.3	1	28075
NuTech Seed 5V-514	167.0	17.3	1	23557
MFA Morcorn MC4128VT3P	166.9	17.1	1	28720
Lewis 1209VT2P	166.8	15.6	1	27752
FS 62MV4	166.6	16.8	1	28075
Kruger K4-9513	165.5	17.8	1	25816
Midland 552PRW	164.8	18.4	1	27752

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Hoegemeyer HPT7931	162.8	16.4	1	28075
Kruger K-7312	162.6	16.1	1	25493
G2 Genetics 5H-013	161.6	17.0	1	26784
Kruger K-4110	159.3	17.1	1	28075
Lewis 1115VT2P	158.5	17.8	1	26139
Pioneer 33T57	154.4	17.7	1	27430
Channel 214-14 VT3PBrand	153.8	17.4	1	27752
Midland 531PRW	151.7	17.6	1	28075
Dekalb DKC62-13(GENV2P)	150.8	16.6	1	27107
Channel 216-96 VT3P Brand	150.6	16.9	1	29366
Lewis 1214VT3P	148.9	16.1	1	28720
Dekalb DKC64-69(GENV3P)	148.8	16.4	1	27430
Midland 481PRW	147.4	17.0	1	27107
Dyna-Gro CX11113	146.5	16.5	1	27752
Hoegemeyer HPT8228	144.5	15.6	1	29043
Mycogen 2H736	142.6	17.5	1	28075
Lewis 1213VT2P	135.8	17.2	1	29366
Kruger K-7614	135.0	17.3	1	28398
<b>GRAND MEAN</b>	<b>176.3</b>	<b>17.1</b>	<b>1</b>	<b>27989</b>
<b>LSD (10%)</b>	<b>20.8</b>	<b>0.8</b>		
<b>CV (%)</b>	<b>8.9</b>	<b>3.6</b>		

*\*\*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	Columbia Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
Garst 82K01-3111	193.0	220.5*	158.6**	202.8*	193.7**
Channel 217-08 VT3P Brand	213.5	217.0*	136.6	199.2*	191.5*
Dyna-Gro CX11114	215.1	223.3**	137.1	175.0	187.6*
Producers 7574VT3	207.2	217.9*	124.9	197.8*	186.9*
AgriGold A6553VT3	203.8	213.2*	133.0	190.7*	185.1*
Kruger K-4014	213.6	216.7*	107.2	202.9*	185.1*
FS 63BV1	234.7*	204.1	123.5	178.0	185.0*
Producers 7394VT3	223.9*	211.2	114.6	186.1	183.9
Producers 7224VT3	201.1	206.1	130.6	194.1*	182.9
Hoegemeyer 8359	203.3	204.5	117.3	206.1*	182.8
MFA Morcorn MC4234VT2P	210.5	210.0	125.2	185.8	182.8
NK N68B-3111	209.9	201.9	128.7	190.7*	182.8
AgriGold A6573VT3	223.4*	211.0	113.0	183.4	182.7
Channel 214-14 VT3PBrand	237.3**	216.8*	122.1	153.8	182.5
NK N74R-3000GT	197.6	195.7	144.7*	189.7*	181.9
LG 2620VT3	205.8	218.0*	121.2	180.6	181.4
G2 Genetics 5H-515	209.2	217.4*	103.6	191.1*	180.3
LG 2636VT3	207.3	215.5*	108.2	190.3*	180.3
MFA Morcorn MC4338VT3P	217.5*	205.3	118.1	180.3	180.3
Producers 7414VT3	198.0	194.7	138.9	188.9*	180.1
Kruger K-4510	216.8*	193.7	121.0	183.9	178.8
Midland 531PRW	214.5	207.8	140.2	151.7	178.5
AgriGold A6476VT3Pro	200.5	190.0	126.7	194.6*	177.9
Golden Harvest H-9173 3111	207.4	203.2	117.5	183.1	177.8
Kruger K4-9710	208.8	190.7	122.9	189.0*	177.8
LG 2641VT3	208.8	202.6	122.8	176.6	177.7
Kruger K-7215	222.8*	197.4	118.2	171.0	177.3
FS 64JV3	207.5	197.3	96.1	208.1**	177.2
Lewis 1215VT3P	202.5	210.7	107.7	186.7	176.9
Mycogen 2A787	189.4	201.5	133.8	182.9	176.9
Midland 641VLGW	193.3	198.8	136.5	178.9	176.8
Golden Harvest H-8940 3000GT	192.0	193.5	120.0	200.7*	176.5
Mycogen 2V702	213.2	193.8	110.0	188.8*	176.4
Midland 552PRW	213.4	215.4*	111.9	164.8	176.3
AgriGold A6533VT3	206.5	205.8	108.1	184.0	176.1
FS 65BV3	204.1	196.2	121.1	182.9	176.0
AgriGold A6458VT3	206.6	195.1	105.8	196.4*	175.9
Pfister 3333SS	209.6	196.2	126.5	171.0	175.8
Midland 670BRW	192.8	203.8	125.6	180.7	175.7
Dekalb DKC62-97(GENV3P)	211.9	200.3	112.5	177.5	175.5

**CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST**

Brand/Variety	Henrietta Bu/Ac	Marshall Bu/Ac	Columbia Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
MFA Morcorn MC4128VT3P	212.4	193.5	128.9	166.9	175.4
Dekalb DKC63-87(GENV2P)	210.7	200.2	114.4	171.6	174.2
Producers 7014VT3	196.8	192.6	110.9	196.6*	174.2
Kruger K-7514	208.6	203.4	114.9	168.7	173.9
Rainbow X1160GTCBLL	185.2	198.3	126.9	182.7	173.2
Kruger K-7516	204.0	187.2	129.3	171.9	173.1
Dyna-Gro D51VP40	205.9	204.4	105.7	176.0	173.0
Lewis 1209VT2P	209.8	207.2	108.2	166.8	173.0
G2 Genetics 5H-716	214.9	189.3	92.7	194.9*	172.9
Lewis 1110VT2P	203.6	190.2	111.1	185.7	172.6
Mycogen 2V715	199.8	196.5	118.0	175.9	172.5
Pioneer P1395HR	209.0	200.5	87.2	193.6*	172.5
Midland 622PRW	191.5	194.0	109.4	192.9*	171.9
Channel 216-63 VT3 Brand	205.4	189.6	93.5	198.2*	171.6
MFA Morcorn MC4134VT2P	208.2	187.8	111.6	178.5	171.5
Garst 83Z99 GT/CB/LL	180.2	204.3	122.5	178.3	171.3
Pioneer 33T57	221.1*	188.7	120.7	154.4	171.2
Pfister 2570SS	206.4	202.1	106.0	170.0	171.1
Hoegemeyer HPT8691	195.5	179.2	113.8	195.5*	171.0
Dekalb DKC61-49(GENV2P)	185.5	197.0	125.9	173.7	170.5
Hoegemeyer HPT7931	208.1	195.7	113.9	162.8	170.1
Mycogen 2V738	195.9	186.7	116.2	179.7	169.6
Rainbow 3070	202.0	196.3	104.4	174.5	169.3
FS 61BX1	190.3	197.3	112.8	175.8	169.0
FS 66S41	185.5	190.1	111.2	189.1*	168.9
Pioneer P0916HR	177.8	185.7	129.4	182.3	168.8
Rainbow X1140GT3	167.3	202.1	129.1	175.6	168.5
Pioneer P1018HR	192.4	198.8	106.7	175.6	168.3
FS 62MV4	211.6	200.3	92.8	166.6	167.8
Pfister 2674HXTR	190.4	181.9	117.2	181.6	167.7
MFA Morcorn MC3914VT2P	187.5	190.0	108.0	185.1	167.6
Hoegemeyer HPT8102	183.0	188.6	118.8	178.4	167.2
Hoegemeyer HPT8505	190.3	194.2	98.7	185.9	167.2
Lewis 1214VT3P	211.0	202.9	104.2	148.9	166.7
Garst 85E98-3000GT	195.7	180.7	115.9	173.6	166.4
Lewis 1014VT2P	194.7	202.8	86.4	181.1	166.2
G2 Genetics 5H-712	186.3	191.0	111.7	174.9	165.9
Dyna-Gro CX11113	212.9	187.5	116.0	146.5	165.7
G2 Genetics 5H-513	195.4	191.3	107.0	168.7	165.6
Mycogen X20808	217.6*	205.9	66.3	169.1	164.7

**CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST**

Brand/Variety	Henrietta Bu/Ac	Marshall Bu/Ac	Columbia Bu/Ac	Annada Bu/Ac	Mean Bu/Ac
Midland 361PRW	182.9	187.7	101.9	178.0	162.6
Kruger K-4110	205.8	188.2	96.6	159.3	162.4
Dekalb DKC62-13(GENVT2P)	197.1	195.6	104.2	150.8	161.9
Dekalb DKC64-69(GENVT3P)	178.1	205.3	112.8	148.8	161.2
Kruger K-6411	165.7	195.5	106.5	174.8	160.6
NuTech Seed 5V-514	178.1	186.4	107.0	167.0	159.6
G2 Genetics 5H-013	200.6	187.8	87.8	161.6	159.4
G2 Genetics 5X-1301	179.5	177.8	101.0	174.5	158.2
Kruger K-7312	176.7	180.4	113.2	162.6	158.2
Lewis 1213VT2P	185.0	191.0	118.7	135.8	157.6
Kruger K-7614	196.6	194.8	103.7	135.0	157.5
Mycogen 2H736	198.6	183.3	105.8	142.6	157.5
Lewis 1115VT2P	184.6	194.5	89.9	158.5	156.8
Kruger K4-9513	178.6	178.0	97.5	165.5	154.9
Midland 481PRW	182.3	189.1	100.8	147.4	154.9
NuTech Seed 5V-813	172.3	159.3	107.2	178.7	154.3
Channel 216-96 VT3P Brand	183.5	170.0	100.2	150.6	151.0
Hoegemeyer HPT8228	183.0	182.9	68.6	144.5	144.7
<b>GRAND MEAN</b>	<b>200.5</b>	<b>197.4</b>	<b>113.7</b>	<b>176.3</b>	<b>172.0</b>
<b>LSD (10%)</b>	<b>20.8</b>	<b>11.3</b>	<b>18.3</b>	<b>20.8</b>	<b>9.0</b>
<b>CV (%)</b>	<b>7.7</b>	<b>4.4</b>	<b>12.1</b>	<b>8.9</b>	<b>7.9</b>

\*\*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
Pfister 2674HXTR	164.3**	16.8	1	29043
Lewis 1214VT3P	162.0*	15.9	1	32270
Lewis 1215VT3P	156.7*	16.2	1	32593
Kruger K-7516	149.4	16.9	1	31302
M-Pride MP 111X1-11VT3PRO	149.3	16.3	1	34529
FS 62MV4	148.9	16.1	1	31625
Kruger K-7514	148.5	15.9	1	31302
Dekalb DKC62-97(GENVT3P)	142.7	17.3	1	33238
Kruger K-7215	142.7	16.4	1	32270
Kruger K-7312	142.0	15.5	1	32270
Midland 670BRW	141.8	18.0	1	30979
FS 66S41	141.5	18.8	1	34529
Channel 214-14 VT3PBrand	139.7	16.8	1	30979
Pfister 3333SS	139.7	17.5	1	31625
Kruger K-4510	138.5	13.9	1	32270
Dekalb DKC63-87(GENVT2P)	138.4	16.1	1	30657
Pioneer P1420HR	138.0	17.3	1	30979
Dekalb DKC64-69(GENVT3P)	136.9	16.5	1	30334
AgriGold A6573VT3	136.1	17.3	2	34852
Dekalb DKC61-49(GENVT2P)	135.4	15.7	1	34206
AgriGold A6476VT3Pro	135.0	16.3	1	35174
Kruger K4-9710	134.8	15.4	1	33561
Pioneer P1395HR	132.7	16.4	1	31947
Kruger K-7614	132.2	16.4	1	33561
AgriGold A6533VT3	130.3	16.3	1	35174
Midland 779BRW	130.0	17.4	1	31302
Rainbow 3157	128.8	18.8	1	33884
Pioneer 32D79	128.4	18.5	1	33884
Kruger K-6411	127.8	15.4	1	30979
FS 65BV3	124.5	18.0	1	32915
Pfister 2570SS	121.8	15.9	1	30334
Channel 213-32 VT3 Brand	120.2	17.8	1	35174
M-Pride MP 3140VT3PRO	117.7	15.8	1	27430
M-Pride MP 3150GT3	116.8	19.1	2	30657
Rainbow 3096GT3	116.8	15.2	1	31625
AgriGold A6553VT3	116.6	18.0	2	33884
Kruger K-4014	114.9	16.3	1	24848
Kruger K-4110	113.3	15.8	1	30979
AgriGold A6458VT3	111.4	15.8	1	35174
Rainbow X1160GTCBLL	110.6	19.1	2	32270

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Rainbow 3070	109.7	15.6	1	30334
Rainbow 3142YGCB	109.2	15.7	1	35174
M-Pride MP 3151GT/CB/LL	101.9	18.6	1	32270
FS 64JV3	101.3	16.7	2	33561
Kruger K4-9513	98.0	16.1	1	31947
Lewis 1115VT2P	98.0	18.4	1	30011
M-Pride MP 3110GT/CB/LL	93.3	16.2	1	27430
<b>GRAND MEAN</b>	<b>129.9</b>	<b>16.6</b>	<b>1</b>	<b>32071</b>
<b>LSD (10%)</b>	<b>14.8</b>	<b>0.9</b>		
<b>CV (%)</b>	<b>8.8</b>	<b>4.1</b>		

*\*\*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 A6573VT3	227.5**	22.2	1	33884
Pioneer P1395HR	225.8*	21.3	1	34529
Kruger K-4014	217.8*	20.4	1	34529
Channel 214-14 VT3PBrand	216.5*	20.5	1	33884
Dekalb DKC63-87(GENV2P)	215.5*	21.1	1	35497
AgriGold A6458VT3	214.3	20.1	1	33884
Dekalb DKC61-49(GENV2P)	213.8	20.3	1	35497
Lewis 1115VT2P	213.4	22.0	1	34206
Lewis 1215VT3P	212.7	21.2	1	34529
FS 62MV4	212.1	20.0	1	34852
Kruger K4-9710	211.5	20.9	1	35497
AgriGold A6553VT3	211.0	22.0	1	34529
Kruger K-7215	210.4	21.1	1	35174
Pioneer 32D79	210.4	23.7	1	34852
FS 65BV3	210.2	23.2	1	32915
Dekalb DKC64-69(GENV3P)	209.9	19.0	1	33561
Midland 779BRW	209.6	23.0	1	34852
FS 66S41	209.5	23.3	1	31302
Kruger K4-9513	209.1	19.8	1	33884
AgriGold A6533VT3	209.0	20.7	1	33561
FS 64JV3	208.2	21.3	1	32915
Dekalb DKC62-97(GENV3P)	208.1	19.4	1	35820
Rainbow X1160GTCBLL	207.0	23.1	1	29688
Lewis 1214VT3P	206.9	20.3	1	34206
M-Pride MP 111X1-11VT3PRO	206.0	18.3	1	33884
Kruger K-7516	205.2	20.7	1	32270
Pfister 3333SS	204.0	21.3	1	35820
M-Pride MP 3140VT3PRO	203.6	19.3	1	31625
Pfister 2570SS	203.6	22.0	1	35820
Kruger K-7514	203.5	19.2	1	35174
Channel 213-32 VT3 Brand	203.4	22.4	1	33884
Rainbow 3157	200.7	23.1	1	32270
Midland 670BRW	200.2	23.9	1	32915
Kruger K-4110	199.8	19.0	1	32915
AgriGold A6476VT3Pro	199.2	19.7	1	35174
Rainbow 3070	199.1	18.6	1	30011
Kruger K-6411	197.7	20.4	1	34852
Pioneer P1420HR	195.6	20.8	1	32593
Pfister 2674HXTR	194.0	19.0	1	36142
Kruger K-7312	191.5	18.9	1	31625

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Kruger K-4510	189.1	17.4	1	33561
Rainbow 3096GT3	187.1	19.0	1	34206
M-Pride MP 3151GT/CB/LL	182.8	23.2	1	28075
Rainbow 3142YGCB	181.2	19.7	1	35497
Kruger K-7614	180.0	21.9	1	35497
M-Pride MP 3110GT/CB/LL	161.4	18.0	1	21298
M-Pride MP 3150GT3	158.9	22.5	1	29366
<b>GRAND MEAN</b>	<b>203.7</b>	<b>20.6</b>	<b>1</b>	<b>33458</b>
<b>LSD (10%)</b>	<b>12.6</b>	<b>1.5</b>		
<b>CV (%)</b>	<b>4.8</b>	<b>5.5</b>		

*\*\*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
Lewis 1215VT3P	156.7*	212.7	184.7**
Lewis 1214VT3P	162.0*	206.9	184.4*
AgriGold A6573VT3	136.1	227.5**	181.8*
FS 62MV4	148.9	212.1	180.5*
Pioneer P1395HR	132.7	225.8*	179.2*
Pfister 2674HXTR	164.3**	194.0	179.1*
Channel 214-14 VT3PBrand	139.7	216.5*	178.1*
M-Pride MP 111X1-11VT3PRO	149.3	206.0	177.6*
Kruger K-7516	149.4	205.2	177.3*
Dekalb DKC63-87(GENV2P)	138.4	215.5*	176.9*
Kruger K-7215	142.7	210.4	176.5*
Kruger K-7514	148.5	203.5	176.0*
FS 66S41	141.5	209.5	175.5*
Dekalb DKC62-97(GENV3P)	142.7	208.1	175.4*
Dekalb DKC61-49(GENV2P)	135.4	213.8	174.6
Dekalb DKC64-69(GENV3P)	136.9	209.9	173.4
Kruger K4-9710	134.8	211.5	173.1
Pfister 3333SS	139.7	204.0	171.8
Midland 670BRW	141.8	200.2	171.0
Midland 779BRW	130.0	209.6	169.8
AgriGold A6533VT3	130.3	209.0	169.6
Pioneer 32D79	128.4	210.4	169.4
FS 65BV3	124.5	210.2	167.3
AgriGold A6476VT3Pro	135.0	199.2	167.1
Pioneer P1420HR	138.0	195.6	166.8
Kruger K-7312	142.0	191.5	166.7
Kruger K-4014	114.9	217.8*	166.3
Rainbow 3157	128.8	200.7	164.7
AgriGold A6553VT3	116.6	211.0	163.8
Kruger K-4510	138.5	189.1	163.8
AgriGold A6458VT3	111.4	214.3	162.8
Kruger K-6411	127.8	197.7	162.7
Pfister 2570SS	121.8	203.6	162.7
Channel 213-32 VT3 Brand	120.2	203.4	161.8
M-Pride MP 3140VT3PRO	117.7	203.6	160.6
Rainbow X1160GTCBLL	110.6	207.0	158.8
Kruger K-4110	113.3	199.8	156.5
Kruger K-7614	132.2	180.0	156.1
Lewis 1115VT2P	98.0	213.4	155.7
FS 64JV3	101.3	208.2	154.7

**CENTRAL REGION SUMMARY - IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Columbia Bu/Ac</b>	<b>Laddonia Bu/Ac</b>	<b>Mean Bu/Ac</b>
Rainbow 3070	109.7	199.1	154.4
Kruger K4-9513	98.0	209.1	153.5
Rainbow 3096GT3	116.8	187.1	151.9
Rainbow 3142YGCB	109.2	181.2	145.2
M-Pride MP 3151GT/CB/LL	101.9	182.8	142.3
M-Pride MP 3150GT3	116.8	158.9	137.8
M-Pride MP 3110GT/CB/LL	93.3	161.4	127.3
<b>GRAND MEAN</b>	<b>129.9</b>	<b>203.7</b>	<b>166.8</b>
<b>LSD (10%)</b>	<b>14.8</b>	<b>12.6</b>	<b>9.7</b>
<b>CV (%)</b>	<b>8.8</b>	<b>4.8</b>	<b>6.1</b>

*\*\*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 conducted at three locations (Harrisonville, Urich, Lamar) in the Southwest Region. The Irrigated Corn Test was also conducted at three locations (Harrisonville, Adrain, Lamar). All six locations were planted in a timely manner. However, cool wet soils at Adrain and Urich resulted in those two locations being replanted.

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

Location	Soil Type	pH	Soil Test			Precipitation					GDD <sup>b</sup>
			OM	P	K	May	June	July	August	Season <sup>a</sup>	
Harrisonville	Haig silt loam	5.2	2.4%	68	348	4.7"	4.7"	1.7"	5.9"	17.0"	3006
Urich	Hartwell silt loam	6.6	2.4%	24	244	5.3"	3.1"	0.6"	3.6"	12.6"	2987
Lamar	Parsons silt loam	6.8	2.3%	82	284	5.3"	2.8"	2.8"	3.1"	14.0"	3126

### 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 <sup>a</sup>	
Harrisonville	Haig silt loam	6.1	2.6%	82	364	4.7"	4.7"	1.7"	5.9"	17.0"	6.5"
Adrain	Kenoma silt loam	6.0	2.3%	102	300	5.8"	2.6"	2.6"	3.0"	14.0"	7.2"
Lamar	Parsons silt loam	7.1	2.0%	74	242	5.3"	2.8"	2.8"	3.1"	14.0"	7.0"

<sup>a</sup> Region average season total precipitation (May through August) = 14.2 inches, 4.3 inches below normal.

<sup>b</sup> Region average accumulated growing degree days (May through August) = 3084, 149 above normal

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

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post	
Harrisonville	April 11	Sept 8	310	115	150	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Accent	Force 3G
Urich	June 2	Oct 4	195	50	60	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Lamar	May 11	Oct 6	290	300	200	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

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

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P2O5	K2O		Pre	Post	
Harrisonville	April 12	Sept 8	310	115	150	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Accent	Force 3G
Adrain	June 2	Oct 5	275	100	120	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Lamar	May 11	Oct 6	290	300	300	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1215VT3P	145.2**	16.6	3	25816
Mycogen 2V738	136.7*	13.3	2	26139
Channel 216-63 VT3 Brand	135.3*	14.7	3	26461
Pioneer P0461HR	134.1*	11.3	1	25816
Lewis 1007VT2P	133.5*	12.4	1	26139
Lewis 1209VT2P	132.4*	12.7	2	28398
AgriGold A6533VT3	130.8*	15.6	2	26461
Dekalb DKC55-09(GENSS)	130.3*	14.1	3	26139
Mycogen 2D744	128.0*	14.8	1	27752
Lewis 1214VT3P	127.3*	14.5	2	27752
Pioneer P0916HR	127.2*	11.5	2	26461
Midland 481PRW	125.3*	13.3	1	26139
NK N74R-3000GT	121.7*	17.7	1	27752
AgriGold A6476VT3Pro	119.5*	13.1	3	26784
Dekalb DKC62-13(GENVT2P)	115.0	15.0	1	25816
Pioneer P1018HR	114.1	12.7	1	26784
Channel 216-96 VT3P Brand	113.7	12.6	3	27107
Lewis 1115VT2P	113.1	11.7	3	27107
Midland 361PRW	112.2	12.6	1	25493
Producers 7574VT3	112.2	14.2	3	23557
Pioneer 35K03	111.5	14.1	2	22589
Mycogen 2T698	107.9	11.7	4	24525
AgriGold A6573VT3	107.8	12.8	3	27107
Producers 7014VT3	106.2	10.2	3	27430
AgriGold A6553VT3	105.3	12.0	2	26784
Mycogen 2H736	103.9	16.1	1	27107
Midland 552PRW	103.0	13.9	1	24525
Dekalb DKC61-88(GENVT3P)	102.8	13.3	4	28398
Mycogen 2V715	102.0	12.8	5	26139
Dekalb DKC62-97(GENVT3P)	100.5	11.1	3	23557
Midland 641VLGW	99.8	10.0	1	26461
Channel 202-32 STX Brand	96.4	9.2	2	25171
Producers 7394VT3	96.2	12.1	4	28075
Garst 82K01-3111	94.7	14.7	2	25171
Midland 670BRW	94.5	11.7	4	27430
Producers 7414VT3	94.4	11.0	3	24848
Lewis 1113GENSS	93.3	12.1	1	25816
AgriGold A6458VT3	89.0	9.8	4	26784
NK N68B-3111	88.2	10.0	4	26784
Producers 7224VT3	88.2	11.8	5	25171

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Golden Harvest H-8940 3000GT	87.3	11.1	4	27107
Midland 622PRW	87.0	11.7	4	27430
Dekalb DKC61-49(GENVT2P)	85.5	11.2	5	27752
Midland 417BRW	84.3	11.0	5	26784
Golden Harvest H-9173 3111	82.8	13.6	3	27107
<b>GRAND MEAN</b>	<b>109.5</b>	<b>13.0</b>	<b>3</b>	<b>26354</b>
<b>LSD (10%)</b>	<b>28.3</b>	<b>2.8</b>		
<b>CV (%)</b>	<b>19.0</b>	<b>15.9</b>		

*\*\*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
Mycogen 2V715	103.7**	15.4	1	30011
Dekalb DKC62-13(GENV2P)	103.6*	16.3	1	29043
AgriGold A6533VT3	101.9*	16.5	2	29688
AgriGold A6476VT3Pro	101.7*	15.3	1	26461
Producers 7014VT3	98.9*	16.0	1	28720
AgriGold A6553VT3	98.7*	17.7	2	29366
Channel 216-96 VT3P Brand	96.9*	17.2	1	27430
Channel 202-32 STX Brand	96.7*	13.2	1	30011
Pioneer P0916HR	95.2*	13.4	1	28720
Dekalb DKC55-09(GENSS)	95.0*	13.7	1	29043
Lewis 1007VT2P	94.5*	14.9	1	28398
Producers 7394VT3	94.3*	16.2	1	30334
Dekalb DKC61-49(GENV2P)	94.0*	16.1	1	29366
Dekalb DKC61-88(GENV3P)	92.5*	15.9	1	28720
Midland 622PRW	91.8*	18.6	1	28720
AgriGold A6573VT3	90.8*	17.5	1	30011
Garst 82K01-3111	89.5*	18.6	1	25171
Lewis 1214VT3P	89.1*	14.7	1	29366
Producers 7414VT3	87.0	17.4	1	28720
Midland 670BRW	86.8	19.5	1	28720
Mycogen 2V738	86.6	17.9	1	29688
Dekalb DKC62-97(GENV3P)	85.6	17.3	1	29043
Pioneer P1018HR	85.2	15.1	2	28398
Golden Harvest H-8940 3000GT	84.8	15.0	1	29688
Golden Harvest H-9173 3111	84.8	17.7	3	29043
Lewis 1215VT3P	84.3	17.5	1	29043
Lewis 1113GENSS	83.8	17.4	1	24848
NK N74R-3000GT	82.8	19.1	1	29688
Producers 7574VT3	79.6	18.1	1	28720
AgriGold A6458VT3	75.4	18.0	1	28720
Lewis 1209VT2P	75.4	16.8	1	29043
Midland 417BRW	75.3	17.9	1	29043
Producers 7224VT3	74.5	17.9	2	27752
Pioneer P0461HR	73.8	14.4	1	28720
Pioneer 35K03	71.6	14.6	1	29043
Midland 361PRW	68.0	14.1	1	28075
Mycogen 2D744	66.8	16.1	1	28720
Midland 552PRW	64.1	17.8	2	29366
Mycogen 2H736	62.6	18.4	1	29043
Midland 641VLGW	58.7	18.2	1	27107

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Channel 216-63 VT3 Brand	52.6	18.8	1	29043
Midland 481PRW	51.7	16.7	1	28075
NK N68B-3111	49.9	17.6	1	29688
Mycogen 2T698	47.3	16.9	1	29366
Lewis 1115VT2P	44.9	18.1	1	27430
<b>GRAND MEAN</b>	<b>81.8</b>	<b>16.9</b>	<b>1</b>	<b>28720</b>
<b>LSD (10%)</b>	<b>15.4</b>	<b>1.1</b>		
<b>CV (%)</b>	<b>13.9</b>	<b>4.9</b>		

*\*\*Highest yielding variety in test*

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

**LAMAR, MO (VERNON COUNTY) - SOUTHWEST REGION  
NON-IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Garst 82K01-3111	122.9**	12.7	1	25816
Pioneer 35K03	122.6*	11.3	1	25493
Mycogen 2D744	119.4*	11.1	2	28398
Lewis 1115VT2P	116.7*	10.9	2	27430
Channel 216-63 VT3 Brand	112.3*	11.4	1	25493
Dekalb DKC55-09(GENSS)	110.6*	10.7	1	24848
Pioneer P1018HR	106.2*	10.2	2	27430
Dekalb DKC62-97(GENV3P)	103.7*	11.1	2	27430
Midland 481PRW	102.7*	11.2	2	22589
Channel 202-32 STX Brand	102.4*	10.1	3	30011
Producers 7224VT3	99.6*	11.8	2	25171
Midland 417BRW	98.7*	10.9	3	21944
Lewis 1214VT3P	98.5*	10.7	3	27107
Lewis 1007VT2P	96.2*	10.4	3	25493
Lewis 1215VT3P	96.2*	10.7	3	28075
Producers 7574VT3	96.0	11.0	3	27752
Channel 216-96 VT3P Brand	95.2	11.0	3	25493
Lewis 1209VT2P	94.9	10.8	2	26784
Mycogen 2V738	94.8	10.4	3	28398
Dekalb DKC61-88(GENV3P)	93.4	11.0	4	28720
NK N74R-3000GT	92.5	11.3	1	24848
Pioneer P0461HR	92.4	10.3	2	29043
Midland 552PRW	91.9	10.9	2	25816
Midland 622PRW	91.9	10.8	4	25493
AgriGold A6573VT3	90.5	11.5	3	27107
Mycogen 2T698	90.2	11.1	3	28075
Pioneer P0916HR	90.2	10.5	1	24525
Producers 7394VT3	89.3	11.2	3	26461
Midland 641VLGW	89.0	10.4	2	27107
AgriGold A6553VT3	88.8	11.4	2	27430
Producers 7414VT3	88.3	11.3	3	26784
Mycogen 2H736	86.8	11.3	1	28398
Midland 361PRW	86.7	11.0	2	26461
Golden Harvest H-8940 3000GT	86.5	10.9	2	25171
Producers 7014VT3	86.2	11.2	1	23557
Lewis 1113GENSS	85.5	10.9	2	30011
NK N68B-3111	83.1	11.6	3	26784
AgriGold A6458VT3	80.9	10.7	2	27107
AgriGold A6533VT3	79.9	11.4	1	21298
Golden Harvest H-9173 3111	79.9	11.8	3	28720

**LAMAR, MO (VERNON COUNTY) - SOUTHWEST REGION NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Midland 670BRW	74.8	12.0	4	25816
Mycogen 2V715	69.1	10.3	4	29366
Dekalb DKC62-13(GENV2P)	63.0	11.3	3	28075
Dekalb DKC61-49(GENV2P)	60.4	10.0	4	28398
AgriGold A6476VT3Pro	40.8	10.7	5	26461
<b>GRAND MEAN</b>	<b>92.9</b>	<b>11.0</b>	<b>2</b>	<b>26626</b>
<b>LSD (10%)</b>	<b>26.7</b>	<b>0.6</b>		
<b>CV (%)</b>	<b>21.1</b>	<b>3.7</b>		

*\*\*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	Lamar Bu/Ac	Mean Bu/Ac
Dekalb DKC55-09(GENSS)	130.3*	95.0*	110.6*	111.9**
Lewis 1215VT3P	145.2**	84.3	96.2*	108.5*
Lewis 1007VT2P	133.5*	94.5*	96.2*	108.0*
Mycogen 2V738	136.7*	86.6	94.8	106.0*
Lewis 1214VT3P	127.3*	89.1*	98.5*	104.9*
Mycogen 2D744	128.0*	66.8	119.4*	104.7*
AgriGold A6533VT3	130.8*	101.9*	79.9	104.2*
Pioneer P0916HR	127.2*	95.2*	90.2	104.2*
Garst 82K01-3111	94.7	89.5*	122.9**	102.3*
Channel 216-96 VT3P Brand	113.7	96.9*	95.2	101.9*
Pioneer 35K03	111.5	71.6	122.6*	101.9*
Pioneer P1018HR	114.1	85.2	106.2*	101.8*
Lewis 1209VT2P	132.4*	75.4	94.9	100.9*
Pioneer P0461HR	134.1*	73.8	92.4	100.1*
Channel 216-63 VT3 Brand	135.3*	52.6	112.3*	100.0*
NK N74R-3000GT	121.7*	82.8	92.5	99.0*
Channel 202-32 STX Brand	96.4	96.7*	102.4*	98.5*
AgriGold A6553VT3	105.3	98.7*	88.8	97.6
Producers 7014VT3	106.2	98.9*	86.2	97.1
Dekalb DKC62-97(GENV3P)	100.5	85.6	103.7*	96.6
AgriGold A6573VT3	107.8	90.8*	90.5	96.3
Dekalb DKC61-88(GENV3P)	102.8	92.5*	93.4	96.2
Producers 7574VT3	112.2	79.6	96.0	95.9
Dekalb DKC62-13(GENV2P)	115.0	103.6*	63.0	93.8
Midland 481PRW	125.3*	51.7	102.7*	93.2
Producers 7394VT3	96.2	94.3*	89.3	93.2
Mycogen 2V715	102.0	103.7**	69.1	91.6
Lewis 1115VT2P	113.1	44.9	116.7*	91.5
Midland 622PRW	87.0	91.8*	91.9	90.2
Producers 7414VT3	94.4	87.0	88.3	89.9
Midland 361PRW	112.2	68.0	86.7	88.9
Lewis 1113GENSS	93.3	83.8	85.5	87.5
Producers 7224VT3	88.2	74.5	99.6*	87.4
AgriGold A6476VT3Pro	119.5*	101.7*	40.8	87.3
Midland 552PRW	103.0	64.1	91.9	86.3
Golden Harvest H-8940 3000GT	87.3	84.8	86.5	86.2
Midland 417BRW	84.3	75.3	98.7*	86.1
Midland 670BRW	94.5	86.8	74.8	85.3
Mycogen 2H736	103.9	62.6	86.8	84.4
Golden Harvest H-9173 3111	82.8	84.8	79.9	82.5



**SOUTHWEST REGION SUMMARY - NON-IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Harrisonville Bu/Ac</b>	<b>Urich Bu/Ac</b>	<b>Lamar Bu/Ac</b>	<b>Mean Bu/Ac</b>
Midland 641VLGW	99.8	58.7	89.0	82.5
Mycogen 2T698	107.9	47.3	90.2	81.8
AgriGold A6458VT3	89.0	75.4	80.9	81.7
Dekalb DKC61-49(GENV2P)	85.5	94.0*	60.4	79.9
NK N68B-3111	88.2	49.9	83.1	73.7
<b>GRAND MEAN</b>	<b>109.5</b>	<b>81.8</b>	<b>92.9</b>	<b>94.7</b>
<b>LSD (10%)</b>	<b>28.3</b>	<b>15.4</b>	<b>26.7</b>	<b>13.2</b>
<b>CV (%)</b>	<b>19.0</b>	<b>13.9</b>	<b>21.1</b>	<b>18.0</b>

\*\*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
Dekalb DKC62-97(GENVT3P)	205.9**	16.9	1	33884
AgriGold A6476VT3Pro	200.9*	16.5	1	34852
Rainbow 3157	199.1*	18.8	1	35174
Mycogen 2V738	198.7*	17.7	1	30979
Dekalb DKC62-09(GENVT3P)	195.1*	16.9	1	31625
Dekalb DKC61-49(GENVT2P)	193.3	15.9	1	32915
Pioneer P1395HR	192.2	17.6	1	30979
AgriGold A6573VT3	191.8	18.0	1	31302
Producers 7394VT3	190.8	17.6	1	32915
Pioneer 32D79	190.6	19.0	1	33561
AgriGold A6533VT3	188.6	17.9	1	29043
Pioneer P1420HR	186.7	18.2	1	30657
Rainbow 3070	186.5	16.4	1	32270
Producers 7574VT3	186.0	17.3	1	30334
Midland 670BRW	185.9	18.8	1	31625
Dekalb DKC62-13(GENVT2P)	184.2	17.1	1	34206
Producers 7014VT3	183.7	16.4	1	30979
Dekalb DKC64-69(GENVT3P)	182.3	17.2	1	31947
AgriGold A6458VT3	178.7	17.0	1	29043
Producers 7414VT3	178.3	18.1	1	29366
Mycogen 2A787	175.7	18.2	1	29688
Mycogen 2V702	175.6	15.8	1	34206
AgriGold A6553VT3	174.8	18.6	1	25816
Producers 7224VT3	173.9	17.9	1	30011
Midland 779BRW	171.6	18.0	1	26461
Rainbow X1160GTCBLL	170.5	18.6	1	32593
Mycogen 2V715	162.6	16.6	1	34206
Rainbow X1140GT3	157.4	16.3	1	31625
<b>GRAND MEAN</b>	<b>186.3</b>	<b>17.3</b>	<b>1</b>	<b>31509</b>
<b>LSD (10%)</b>	<b>12.0</b>	<b>0.9</b>		
<b>CV (%)</b>	<b>4.7</b>	<b>4.0</b>		

\*\*Highest yielding variety in test

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

## ADRIAN, MO (BATES COUNTY) - SOUTHWEST REGION

### IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Producers 7394VT3	179.1**	15.3	1	33561
AgriGold A6533VT3	178.8*	15.6	1	34529
Dekalb DKC64-69(GENV3P)	178.1*	15.4	1	31947
Producers 7574VT3	174.2*	15.4	1	32915
Pioneer P1395HR	173.2*	15.0	1	32915
Dekalb DKC62-09(GENV3P)	170.9*	14.6	1	33238
Dekalb DKC62-97(GENV3P)	167.2*	15.0	1	34852
Dekalb DKC61-49(GENV2P)	167.1*	14.5	1	31625
Midland 670BRW	166.1*	17.0	1	28720
AgriGold A6553VT3	163.5*	17.1	1	35174
AgriGold A6476VT3Pro	162.1*	13.8	1	31625
Midland 779BRW	161.2*	17.3	1	34852
Mycogen 2A787	159.4*	15.8	1	34206
Producers 7414VT3	158.6*	16.5	1	33884
Mycogen 2V738	152.7	14.9	1	34852
Rainbow X1160GTCBLL	151.2	17.3	1	31302
Mycogen 2V715	150.8	14.6	1	32593
Mycogen 2V702	150.4	15.5	1	33561
AgriGold A6458VT3	150.0	13.8	1	33884
Producers 7014VT3	147.4	13.2	1	33238
Rainbow 3070	144.7	13.7	1	33238
Rainbow X1140GT3	143.7	14.7	1	33238
Producers 7224VT3	142.3	14.9	1	30657
Dekalb DKC62-13(GENV2P)	142.1	13.9	1	35497
Pioneer 32D79	134.1	16.7	1	32270
Rainbow 3157	131.2	17.8	1	30334
Pioneer P1420HR	131.0	15.5	1	33238
AgriGold A6573VT3	119.1	15.7	2	33884
<b>GRAND MEAN</b>	<b>156.4</b>	<b>15.3</b>	<b>1</b>	<b>33065</b>
<b>LSD (10%)</b>	<b>23.1</b>	<b>1.2</b>		
<b>CV (%)</b>	<b>10.8</b>	<b>5.9</b>		

\*\*Highest yielding variety in test

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

**LAMAR, MO (VERNON COUNTY) - SOUTHWEST REGION  
IRRIGATED CORN TEST**

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Producers 7014VT3	173.1**	11.4	1	33561
AgriGold A6533VT3	172.7*	12.1	1	33884
AgriGold A6476VT3Pro	170.2*	11.3	1	34206
AgriGold A6553VT3	169.4*	12.5	1	34852
Producers 7414VT3	167.3*	12.5	1	33238
Producers 7394VT3	167.1*	12.2	1	34206
Mycogen 2V715	166.3*	10.9	1	33238
AgriGold A6573VT3	165.7*	12.4	1	34529
Dekalb DKC64-69(GENV3P)	165.1*	12.3	1	32915
Producers 7224VT3	163.3*	12.9	1	30657
Pioneer P1395HR	162.7*	12.4	1	35497
Midland 779BRW	160.4*	13.1	1	33561
Producers 7574VT3	158.4*	11.8	1	32270
Dekalb DKC61-49(GENV2P)	157.9*	12.4	1	32270
Mycogen 2V738	156.9*	12.0	1	33884
Mycogen 2V702	152.2	11.7	1	34206
Rainbow X1160GTCBLL	152.1	13.5	1	30979
AgriGold A6458VT3	151.8	11.0	1	32915
Dekalb DKC62-09(GENV3P)	151.3	12.3	1	28720
Dekalb DKC62-97(GENV3P)	150.8	13.4	1	32915
Mycogen 2A787	150.4	13.4	1	34206
Dekalb DKC62-13(GENV2P)	145.6	12.2	1	34852
Pioneer P1420HR	141.4	12.6	1	33238
Rainbow 3070	138.8	11.7	1	31947
Midland 670BRW	138.4	14.5	1	34206
Rainbow X1140GT3	128.0	12.5	1	28075
Rainbow 3157	116.6	13.5	1	33561
Pioneer 32D79	114.8	13.1	1	32915
<b>GRAND MEAN</b>	<b>154.3</b>	<b>12.5</b>	<b>1</b>	<b>33054</b>
<b>LSD (10%)</b>	<b>16.6</b>	<b>0.5</b>		
<b>CV (%)</b>	<b>7.9</b>	<b>3.2</b>		

\*\*Highest yielding variety in test

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

## SOUTHWEST REGION SUMMARY

### IRRIGATED CORN TEST

Brand/Variety	Harrisonville Bu/Ac	Adrian Bu/Ac	Lamar Bu/Ac	Mean Bu/Ac
AgriGold A6533VT3	188.6	178.8*	172.7*	180.0**
Producers 7394VT3	190.8	179.1**	167.1*	179.0*
AgriGold A6476VT3Pro	200.9*	162.1*	170.2*	177.7*
Pioneer P1395HR	192.2	173.2*	162.7*	176.0*
Dekalb DKC64-69(GENV3P)	182.3	178.1*	165.1*	175.1*
Dekalb DKC62-97(GENV3P)	205.9**	167.2*	150.8	174.6*
Producers 7574VT3	186.0	174.2*	158.4*	172.8*
Dekalb DKC61-49(GENV2P)	193.3	167.1*	157.9*	172.7*
Dekalb DKC62-09(GENV3P)	195.1*	170.9*	151.3	172.4*
Mycogen 2V738	198.7*	152.7	156.9*	169.4
AgriGold A6553VT3	174.8	163.5*	169.4*	169.2
Producers 7014VT3	183.7	147.4	173.1**	168.0
Producers 7414VT3	178.3	158.6*	167.3*	168.0
Midland 779BRW	171.6	161.2*	160.4*	164.4
Midland 670BRW	185.9	166.1*	138.4	163.4
Mycogen 2A787	175.7	159.4*	150.4	161.8
AgriGold A6458VT3	178.7	150.0	151.8	160.1
Mycogen 2V715	162.6	150.8	166.3*	159.9
Producers 7224VT3	173.9	142.3	163.3*	159.8
Mycogen 2V702	175.6	150.4	152.2	159.4
AgriGold A6573VT3	191.8	119.1	165.7*	158.8
Rainbow X1160GTCBLL	170.5	151.2	152.1	157.9
Dekalb DKC62-13(GENV2P)	184.2	142.1	145.6	157.3
Rainbow 3070	186.5	144.7	138.8	156.6
Pioneer P1420HR	186.7	131.0	141.4	153.0
Rainbow 3157	199.1*	131.2	116.6	148.9
Pioneer 32D79	190.6	134.1	114.8	146.5
Rainbow X1140GT3	157.4	143.7	128.0	143.0
<b>GRAND MEAN</b>	<b>186.3</b>	<b>156.4</b>	<b>154.3</b>	<b>165.7</b>
<b>LSD (10%)</b>	<b>12.0</b>	<b>23.1</b>	<b>16.6</b>	<b>9.9</b>
<b>CV (%)</b>	<b>4.7</b>	<b>10.8</b>	<b>7.9</b>	<b>7.7</b>

\*\*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 to be 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 delayed at two of the locations because of wet spring weather. July and August were drier than normal.

### CHARACTERISTICS OF THE IRRIGATED CORN TEST LOCATIONS – SOUTHEAST REGION

Location	Soil Type	pH	Soil Test			Precipitation				Irrigate	GDD <sup>b</sup>
			OM	P	K	May	June	July	August		
Oran	Commerce silt loam	5.2	1.1%	110	386	8.5"	4.4"	2.1"	2.9"	16.0"	3090
Charleston	Dundee silt loam	6.8	1.2%	92	302	8.7"	4.0"	1.5"	1.9"	11.7"	3179
Portageville Loam	Tiptonville silt loam	6.2	0.9%	96	294	10.4"	3.1"	1.4"	1.0"	17.0"	3242
Portageville Clay	Portageville clay	5.5	2.2%	74	624	10.4"	3.1"	1.4"	1.0"	15.0"	3242

<sup>a</sup> Region average season total precipitation (May through August) = 17.1 inches, 1.1 inches above normal.

<sup>b</sup> Region average accumulated growing degree days (May through August) = 3184, 98 above normal

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

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post	
Oran	May 12	Sept 9	230	36	120	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Charleston	May 19	Sept 28	260	50	90	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Portageville Loam	April 9	Sept 6	330	0	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Portageville Clay	April 9	Sept 7	330	0	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Pioneer 1944HR	254.4**	21.8	2	35820
Terral REV 28HR29	251.4*	24.2	3	34206
NK N78S-3111	250.6*	23.5	4	35174
AgriGold A6573VT3	249.3*	18.4	4	34206
AgVenture VPMMaxx RL9858HB	248.9*	24.8	2	31625
NK N72F-3000GT	247.4*	19.8	4	32593
Pioneer 2088HR	247.4*	22.4	3	32593
AgriGold A6553VT3	247.2*	18.9	3	33561
AgriGold A6533VT3	246.7*	18.5	1	35174
AgVenture VPMMaxx RL8899HB	245.5*	21.5	3	34852
AgriGold A6677	244.1*	18.5	2	32593
Great Heart HT-237 VT3	243.9*	20.4	3	34206
Dekalb DKC63-87(GENVT2P)	243.5*	18.7	1	30011
Great Heart HT-333 VT3	243.5*	20.1	2	34529
Pioneer 1412HR	243.5*	18.7	1	33561
NK N68B-3000GT	243.4*	19.9	1	33238
Terral REV 28HR30	243.0*	24.8	1	30979
NK N68B-3111	242.9*	18.9	1	33884
Dyna-Gro CX11114	242.5*	18.2	2	32593
Dyna-Gro D55VC21	242.4*	19.8	2	34206
Armor 1539 PRO	242.0*	18.9	3	31302
Pioneer P1745	241.8*	22.4	2	30657
Terral REV 25HR49	241.5*	21.3	2	30334
Terral REV 26R60	240.6*	20.3	1	33238
Pioneer P1319HR	240.2*	20.1	1	34529
Terral REV 27HR52	238.6*	22.4	2	30334
Channel 216-63 VT3 Brand	237.5*	19.9	1	33561
Terral REV 26HR82	236.9*	22.5	1	32593
Armor 1415PRO	236.6	21.6	1	35174
Delta Grow 2988GT/BT/LL	236.3	21.0	1	32915
Mycogen X20808	236.1	19.7	1	33561
M-Pride MP 111X1-11VT3PRO	234.8	18.6	1	33561
Dyna-Gro V5373VT3	234.5	21.0	2	34529
Dairyland 9910	234.4	17.8	1	35497
AgriGold A6458VT3	234.3	17.8	2	35174
Delta Grow 2888GT/BT/LL	234.0	22.2	1	31302
Dekalb DKC65-19(GENVT3P)	233.9	18.5	1	33884
AgriGold A6632VT3Pro	233.6	22.1	1	33561
Stone 6502GVT2P	233.6	19.2	2	33561
AgriGold A6476VT3Pro	233.3	18.6	1	32270



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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Armor 1161PRO(V)	232.9	18.4	1	32915
Dyna-Gro D56VP24	232.5	21.7	1	31302
MFA Morcorn MC4338VT3P	231.7	18.4	1	32270
Stone 6404GVT3P	231.5	17.7	1	30011
Dairyland 11302	231.4	19.3	4	34852
AgVenture VPM maxx RL9583HB	231.3	23.0	4	34852
AgriGold A6679VT3Pro	231.2	18.3	1	33238
NK N79Z GT/CB/LL	231.1	19.6	3	34529
Pioneer 33D49	230.8	22.4	2	31625
Stone 6012GVT2P	230.5	17.6	1	26139
Terral REV 25R19	229.2	19.8	1	30334
Dairyland 9414Q	229.1	21.4	2	32270
Channel 217-08 VT3P Brand	228.9	20.1	2	36142
Terral REV 25HR39	226.6	20.9	2	32593
Mycogen 2V702	226.2	18.2	1	32270
Mycogen 2A787	226.0	20.4	2	31947
Pioneer P0912HR	225.9	17.9	2	32593
Terral REV 26HR50	225.8	24.7	3	32270
Terral REV 26HR22	225.7	20.0	1	29688
Terral REV 28HR20	225.5	23.9	1	34529
Dairyland 7615	224.8	23.4	3	32915
Armor 1262DPRO	224.5	20.6	1	34529
Dekalb DKC64-69(GENV3P)	224.5	17.7	1	32593
Armor 1655PRO(V)	223.1	18.6	1	32593
Dairyland 11205	221.2	19.4	1	32593
Dyna-Gro D51VP40	221.2	18.0	1	34529
Mycogen 2V715	220.7	17.4	1	29043
Gateway 6158	220.1	20.0	3	33561
Stone 6324GVT3P	219.7	17.6	1	34529
Dekalb DKC67-57(GENV3P)	219.5	18.7	2	33884
Gateway 0713VT2Pro	219.0	18.5	2	30979
Dairyland 7313	218.4	18.3	1	33561
Pfister 2570SS	217.6	18.0	1	33561
Channel 216-96 VT3P Brand	217.4	17.5	1	28075
Dairyland 9214Q	217.3	19.1	1	31625
Great Heart HT-262 3000GT	216.8	18.9	1	33561
Delta Grow 8188GT/BT/LL	215.9	18.1	1	30657
AgVenture VPM maxx RL9159HB	214.5	21.1	3	32915
AgVenture VPM maxx RL8950HB	213.7	19.5	2	32915
AgVenture VPM maxx RL9795HB	213.5	21.8	1	31302

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgVenture GL8662AB	212.6	18.8	1	30979
Mycogen 2D744	212.6	18.6	1	33238
Dyna-Gro D58VP30	212.0	18.5	1	28075
M-Pride MP 3140VT3PRO	211.3	18.8	1	30979
Terral REV 27HR32	211.2	21.4	1	34529
Terral REV 26HR70	209.9	20.9	3	33238
Pioneer P1184HR	209.5	18.3	1	35174
Stone 6022GVT2P	209.1	18.3	1	33884
Pfister 2674HXTR	207.7	17.6	1	32915
Dyna-Gro 57V59	204.3	18.1	1	30979
Delta Grow 8488GT/BT/LL	203.7	20.2	1	32593
AgVenture GL8977AB	203.6	22.0	1	34852
Terral REV 28R10	202.4	23.4	2	30334
Pioneer 1404HR	200.5	20.8	3	34206
AgVenture VPMaxx RL8539HB	199.1	20.8	1	33561
Delta Grow 3797GT	198.2	23.1	3	35820
M-Pride MP 3151GT/CB/LL	198.1	21.7	1	26139
Stone 6114GVT3P	193.9	18.1	1	26139
Pfister 3333SS	187.6	18.5	3	32270
M-Pride MP 3150GT3	175.0	20.9	1	29366
Dyna-Gro D55Q80	168.3	24.0	3	32593
Delta Grow 3788GT/BT/LL	163.5	22.7	2	33238
M-Pride MP 3152VT3PRO	158.2	18.2	1	30657
<b>GRAND MEAN</b>	<b>225.2</b>	<b>20.0</b>	<b>2</b>	<b>32652</b>
<b>LSD (10%)</b>	<b>17.7</b>	<b>2.1</b>		
<b>CV (%)</b>	<b>5.9</b>	<b>7.9</b>		

\*\*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
Armor 1415PRO	251.1**	18.4	2	35174
NK N78S-3111	245.9*	20.5	5	37111
Gateway 6158	243.9*	18.8	2	34206
Delta Grow 3797GT	243.5*	18.2	4	32270
NK N72F-3000GT	241.3*	18.7	4	34852
Armor 1262DPRO	241.0*	18.2	3	37111
Delta Grow 2888GT/BT/LL	239.3*	19.3	3	36142
MFA Morcorn MC4338VT3P	238.7*	18.0	2	34206
Terral REV 25R19	238.5*	18.9	3	34206
Dekalb DKC64-69(GENVT3P)	238.2*	18.1	3	34852
NK N68B-3111	237.4*	18.5	2	34206
Pioneer 1944HR	237.4*	19.8	2	32270
Terral REV 28HR30	236.8*	23.6	3	30979
AgVenture VPM maxx RL8899HB	236.3*	19.9	4	35174
Dekalb DKC63-87(GENVT2P)	236.1*	18.3	1	31625
AgVenture VPM maxx RL8950HB	235.8*	19.2	2	32915
Pioneer 1404HR	235.6*	18.6	2	36142
Terral REV 25HR39	235.1*	19.0	2	35497
Gateway 0713VT2Pro	234.3*	18.3	1	32593
NK N79Z GT/CB/LL	233.6*	20.8	5	34529
Terral REV 28R10	233.6*	20.8	1	32915
Channel 216-63 VT3 Brand	233.4*	18.9	1	35174
AgVenture VPM maxx RL9858HB	233.0*	23.8	3	35497
Stone 6404GVT3P	232.9*	18.1	1	34206
NK N68B-3000GT	231.8	18.8	2	34206
AgriGold A6573VT3	231.6	18.8	2	35174
Great Heart HT-333 VT3	231.0	19.1	1	34529
Terral REV 26R60	230.2	19.5	2	33884
Dekalb DKC67-57(GENVT3P)	230.1	19.1	2	34852
Delta Grow 2988GT/BT/LL	229.3	20.0	5	34206
Armor 1539 PRO	227.8	18.7	4	32915
Stone 6502GVT2P	227.7	18.7	1	31625
AgriGold A6632VT3Pro	227.1	19.9	2	33238
Channel 217-08 VT3P Brand	227.0	18.7	2	38401
Terral REV 28HR29	227.0	22.3	3	28398
AgriGold A6677	226.4	18.9	2	32915
Dyna-Gro D51VP40	226.2	18.1	1	36465
Stone 6324GVT3P	225.0	18.0	1	34529
Terral REV 25HR49	224.4	18.7	2	34206
M-Pride MP 111X1-11VT3PRO	224.2	18.4	2	35497

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Stone 6012GVT2P	223.9	17.4	2	32593
Pioneer 2088HR	223.5	21.3	3	33561
Pioneer 1412HR	223.1	19.0	2	35497
Dyna-Gro V5373VT3	222.8	19.4	2	33238
AgriGold A6476VT3Pro	222.6	17.7	3	37111
Great Heart HT-237 VT3	222.6	19.7	2	37111
Armor 1161PRO(V)	222.4	17.6	2	35820
AgriGold A6458VT3	222.0	18.4	1	33884
AgVenture VPMMaxx RL9583HB	221.3	22.3	2	31625
Terral REV 27HR32	221.3	20.5	2	35820
Dekalb DKC65-19(GENVT3P)	220.9	18.4	1	27107
AgVenture VPMMaxx RL9795HB	220.0	21.0	3	33884
AgriGold A6553VT3	219.2	18.8	2	34529
Dairyland 9414Q	219.1	20.1	2	36142
Mycogen X20808	218.4	20.3	4	35497
Dyna-Gro 57V59	218.3	17.9	1	36142
Dairyland 9214Q	218.1	19.6	2	34206
Terral REV 26HR82	217.6	20.2	3	33238
Terral REV 27HR52	217.6	20.7	1	34529
Terral REV 26HR22	217.5	19.3	2	31625
Dyna-Gro CX11114	217.2	19.2	2	33884
Dairyland 9910	216.8	18.0	2	35497
AgriGold A6533VT3	216.3	18.9	2	34529
Pfister 2570SS	216.0	18.5	1	35174
AgriGold A6679VT3Pro	215.2	18.2	1	30334
Dyna-Gro D55VC21	214.8	19.4	4	35497
Pioneer P0912HR	213.4	17.9	2	33884
Pfister 3333SS	213.0	18.4	2	36465
AgVenture GL8662AB	211.8	18.5	3	33561
Mycogen 2D744	211.5	18.8	1	34852
Dairyland 7615	210.4	21.2	4	34529
M-Pride MP 3152VT3PRO	210.0	17.7	1	36465
Armor 1655PRO(V)	209.8	18.9	2	36142
M-Pride MP 3140VT3PRO	208.8	17.5	1	33238
Great Heart HT-262 3000GT	208.6	18.8	4	35497
Mycogen 2A787	208.6	20.3	3	33884
Channel 216-96 VT3P Brand	208.1	18.5	2	33238
Pioneer P1184HR	206.6	18.6	2	34529
Delta Grow 3788GT/BT/LL	206.2	19.0	2	35174
Pioneer 33D49	205.9	21.0	3	36142

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dairyland 11302	205.4	18.7	4	34529
AgVenture GL8977AB	205.1	19.7	3	27752
Terral REV 28HR20	204.4	20.8	2	35820
Pioneer P1319HR	203.2	18.7	2	26784
Dairyland 7313	202.9	18.3	2	30011
Pfister 2674HXTR	202.2	17.9	2	36142
Delta Grow 8488GT/BT/LL	200.7	21.1	4	36142
Terral REV 26HR50	200.5	20.7	3	34206
Dairyland 11205	198.7	18.4	2	33561
Pioneer P1745	195.6	18.9	3	36465
Delta Grow 8188GT/BT/LL	195.2	18.9	3	33884
AgVenture VPMmaxx RL9159HB	194.2	18.9	1	30979
AgVenture VPMmaxx RL8539HB	194.0	18.6	3	35497
Dyna-Gro D58VP30	191.9	18.4	1	32593
Mycogen 2V715	190.2	17.7	2	35820
Stone 6114GVT3P	189.6	17.7	1	30657
Mycogen 2V702	186.6	17.9	2	36142
Terral REV 26HR70	182.1	19.8	3	37756
Dyna-Gro D56VP24	181.2	20.1	4	31302
M-Pride MP 3151GT/CB/LL	178.6	21.4	5	25171
Stone 6022GVT2P	177.8	17.9	1	33884
Dyna-Gro D55Q80	173.3	21.5	3	33238
M-Pride MP 3150GT3	159.5	20.0	2	25493
<b>GRAND MEAN</b>	<b>218.0</b>	<b>19.1</b>	<b>2</b>	<b>33965</b>
<b>LSD (10%)</b>	<b>18.8</b>	<b>1.3</b>		
<b>CV (%)</b>	<b>6.4</b>	<b>5.4</b>		

*\*\*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
Stone 6404GVT3P	200.5**	15.6	1	28720
Armor 1415PRO	199.9*	16.0	1	32915
Terral REV 28HR20	197.8*	16.1	1	34852
AgriGold A6553VT3	196.6*	16.2	1	33884
NK N68B-3111	195.4*	14.8	1	30657
AgriGold A6573VT3	190.4*	15.2	1	33238
Terral REV 26HR22	188.9*	16.3	1	32270
Dekalb DKC64-69(GENVT3P)	187.6*	15.5	1	30011
Dekalb DKC67-57(GENVT3P)	186.0*	15.4	1	33238
Dekalb DKC65-19(GENVT3P)	186.0*	15.8	1	34206
AgVenture VPMMaxx RL9159HB	185.1*	15.2	1	NA
Armor 1539 PRO	184.7*	17.4	1	28075
Armor 1655PRO(V)	184.6*	16.2	1	34206
Terral REV 27HR52	184.0*	16.0	1	25816
AgriGold A6677	183.5*	16.6	1	32593
Mycogen 2V702	182.4*	13.5	1	32915
Pioneer 1944HR	181.4*	15.9	1	34529
Dyna-Gro D56VP24	181.2*	15.3	1	30657
Dyna-Gro V5373VT3	181.2*	16.4	1	30657
Pfister 2674HXTR	180.0*	13.1	1	36788
AgriGold A6533VT3	179.9*	15.3	1	36142
AgVenture GL8977AB	178.7*	17.3	1	33561
MFA Morcorn MC4338VT3P	178.4*	15.3	1	27752
Dekalb DKC63-87(GENVT2P)	177.4*	15.2	1	31625
AgriGold A6632VT3Pro	176.1	16.3	1	31947
Mycogen 2V715	175.5	13.3	1	30657
Pioneer P1745	174.8	14.8	1	29366
Terral REV 26HR50	174.4	17.0	1	30979
Stone 6324GVT3P	174.3	14.9	1	30657
Terral REV 28R10	174.1	16.4	1	33884
Dyna-Gro D58VP30	173.8	15.4	1	26139
AgriGold A6476VT3Pro	173.7	14.1	1	30979
Gateway 6158	173.2	16.1	1	32270
Pfister 2570SS	173.2	14.4	1	32593
Great Heart HT-237 VT3	173.1	14.9	1	35497
Terral REV 27HR32	173.0	15.4	1	29043
Mycogen X20808	172.9	16.9	1	30979
AgVenture VPMMaxx RL9858HB	172.9	18.0	1	33238
AgriGold A6679VT3Pro	172.5	15.5	1	33561
Delta Grow 2888GT/BT/LL	172.2	16.7	1	31947

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Stone 6012GVT2P	171.5	13.5	1	28398
M-Pride MP 111X1-11VT3PRO	171.5	14.6	1	31947
Armor 1161PRO(V)	170.4	14.8	1	38724
NK N72F-3000GT	170.1	14.7	1	33884
Terral REV 28HR29	169.8	17.2	1	32270
Delta Grow 2988GT/BT/LL	169.3	15.4	1	29688
AgVenture VPMMaxx RL8950HB	168.9	16.1	1	30011
Dairyland 9910	168.9	13.5	1	33561
Terral REV 28HR30	168.6	18.4	1	26139
AgriGold A6458VT3	168.1	13.5	1	34206
Channel 216-96 VT3P Brand	168.0	13.5	1	32270
AgVenture VPMMaxx RL8899HB	168.0	16.6	1	32593
Terral REV 25HR39	167.2	17.0	1	31625
NK N68B-3000GT	167.0	13.8	1	31625
Delta Grow 8188GT/BT/LL	165.4	15.5	1	30979
Dyna-Gro D55VC21	165.4	15.8	1	31302
Pioneer 1412HR	164.9	15.3	1	27107
Stone 6114GVT3P	164.7	14.0	1	25816
AgVenture GL8662AB	164.6	14.7	1	28720
Gateway 0713VT2Pro	164.0	14.6	1	32593
Dyna-Gro CX11114	164.0	15.5	1	33238
Pioneer 2088HR	162.9	16.7	1	23880
Dairyland 7615	162.8	15.5	1	35174
Dairyland 7313	162.8	13.6	1	36788
Pioneer P0912HR	162.7	14.0	1	31302
Terral REV 26R60	162.3	14.9	1	33884
Mycogen 2A787	161.6	15.2	1	32593
Pfister 3333SS	161.1	15.1	1	28398
AgVenture VPMMaxx RL9795HB	161.1	15.8	1	31625
Dairyland 9214Q	161.0	16.7	1	33238
Armor 1262DPRO	160.9	14.2	1	34206
M-Pride MP 3150GT3	160.7	17.5	1	28720
Mycogen 2D744	159.6	14.8	1	32270
Dyna-Gro D51VP40	159.6	14.7	1	32593
Dairyland 11205	159.3	14.0	1	30979
M-Pride MP 3140VT3PRO	158.0	13.6	1	25816
NK N79Z GT/CB/LL	157.9	15.4	1	35174
Channel 217-08 VT3P Brand	157.4	15.6	1	31302
Dairyland 11302	156.5	14.9	1	35174
NK N78S-3111	156.0	15.6	1	32915

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Terral REV 26HR70	155.7	16.0	1	28398
Dyna-Gro 57V59	154.9	13.4	1	30657
Pioneer P1184HR	154.5	15.2	1	32915
Delta Grow 3797GT	153.7	15.4	1	27752
AgVenture VPMmaxx RL8539HB	153.7	13.9	1	32593
AgVenture VPMmaxx RL9583HB	153.2	15.3	1	32270
Dyna-Gro D55Q80	152.7	17.2	1	29043
Terral REV 26HR82	152.3	16.1	1	30657
Delta Grow 3788GT/BT/LL	152.0	17.9	1	32270
Pioneer 1404HR	150.7	14.8	1	30979
Stone 6022GVT2P	150.4	13.5	1	27107
Channel 216-63 VT3 Brand	150.3	14.5	1	31947
Terral REV 25R19	149.7	15.0	1	34529
Pioneer 33D49	148.3	16.4	1	28075
Stone 6502GVT2P	147.4	14.3	1	27752
Delta Grow 8488GT/BT/LL	145.2	16.0	1	32593
Dairyland 9414Q	144.3	15.4	1	33884
Pioneer P1319HR	142.1	14.3	1	33238
Great Heart HT-333 VT3	139.5	15.8	1	29688
M-Pride MP 3151GT/CB/LL	135.5	16.2	1	25493
Great Heart HT-262 3000GT	135.4	14.2	1	NA
Terral REV 25HR49	126.9	16.9	1	33561
M-Pride MP 3152VT3PRO	115.5	15.0	1	24203
<b>GRAND MEAN</b>	<b>166.1</b>	<b>15.3</b>	<b>1</b>	<b>31439</b>
<b>LSD (10%)</b>	<b>23.8</b>	<b>1.2</b>		
<b>CV (%)</b>	<b>10.6</b>	<b>6.0</b>		

\*\*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**

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dekalb DKC63-87(GENV2P)	180.0**	17.7	1	30495
Terral REV 28R10	178.8*	18.4	1	32109
AgriGold A6632VT3Pro	178.6*	18.3	1	28398
Dekalb DKC64-69(GENV3P)	174.0*	18.6	1	29689
AgVenture VPMMaxx RL8950HB	172.2*	19.2	1	31141
NK N78S-3111	171.2*	18.3	1	32109
Pioneer 1404HR	170.8*	18.1	1	34045
Terral REV 28HR20	170.0*	19.3	1	26462
Terral REV 26HR22	168.1*	18.7	1	26623
Terral REV 27HR52	164.9*	18.8	1	28398
Pioneer 33D49	164.5*	19.2	1	28882
Armor 1161PRO(V)	162.4*	18.5	1	31786
Terral REV 28HR29	161.8*	19.3	1	31948
Pioneer 1944HR	161.4*	18.0	1	31463
NK N79Z GT/CB/LL	160.8*	18.3	1	31947
AgVenture VPMMaxx RL9858HB	160.3*	20.4	1	27430
NK N72F-3000GT	160.3*	19.1	1	30818
Stone 6324GVT3P	159.3*	17.6	1	29366
Gateway 0713VT2Pro	158.3*	17.8	1	35820
AgVenture VPMMaxx RL9583HB	157.9*	20.3	1	27752
AgVenture VPMMaxx RL8899HB	156.8*	19.2	1	28721
Dairyland 7313	156.1*	17.4	1	31302
Dairyland 7615	154.8*	18.0	1	29366
Stone 6404GVT3P	154.2*	19.1	1	29850
AgVenture VPMMaxx RL9795HB	153.9*	18.8	1	31625
Terral REV 26HR82	153.7*	19.7	1	32754
Channel 216-96 VT3P Brand	153.3*	17.2	1	34045
Mycogen X20808	152.8*	18.7	1	32431
NK N68B-3000GT	152.2*	17.0	1	26623
Terral REV 27HR32	152.2*	17.8	1	30818
Dyna-Gro D55VC21	152.1*	18.3	1	29366
Pioneer P1184HR	152.1*	18.1	1	34852
AgriGold A6677	151.7*	19.1	1	32270
Stone 6114GVT3P	151.3*	17.3	1	29366
Dairyland 11302	150.8*	17.8	1	32754
Pioneer P1745	149.9	18.2	1	30173
AgVenture VPMMaxx RL9159HB	148.3	17.7	1	32109
Dairyland 9214Q	148.1	18.6	1	22912
Dairyland 9414Q	148.0	19.1	1	32916
Dekalb DKC67-57(GENV3P)	147.9	17.9	1	29527

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Pfister 2674HXTR	147.9	17.5	1	32109
Dyna-Gro D51VP40	147.2	18.1	1	31302
AgVenture GL8662AB	145.9	17.6	1	30657
Pioneer 2088HR	145.7	19.5	1	31948
Stone 6012GVT2P	145.7	17.2	1	21944
Armor 1262DPRO	145.3	18.2	1	33239
Dairyland 11205	145.0	17.5	1	31625
Terral REV 26HR70	144.8	19.5	1	31786
Channel 217-08 VT3P Brand	144.6	18.0	1	32109
Armor 1655PRO(V)	144.4	18.4	1	30818
AgriGold A6476VT3Pro	144.3	17.5	1	30334
Great Heart HT-237 VT3	144.3	17.7	1	30657
Delta Grow 8488GT/BT/LL	143.8	19.2	1	31464
Terral REV 28HR30	143.6	20.5	1	30173
AgVenture VPMaxx RL8539HB	143.2	17.7	1	28237
Terral REV 25R19	143.0	18.7	1	29366
MFA Morcorn MC4338VT3P	142.8	18.7	1	29850
AgriGold A6573VT3	142.5	17.5	1	34368
Delta Grow 8188GT/BT/LL	141.9	17.2	1	27107
AgriGold A6533VT3	141.1	18.4	1	28237
Delta Grow 3788GT/BT/LL	140.9	18.3	1	28398
Delta Grow 2888GT/BT/LL	139.8	18.2	1	31302
Great Heart HT-333 VT3	139.4	22.2	1	17749
Mycogen 2A787	139.3	18.3	1	29850
Pioneer P1319HR	139.0	18.2	1	34529
Dyna-Gro V5373VT3	138.7	18.2	1	31141
Mycogen 2V715	137.0	17.1	1	30334
Dyna-Gro 57V59	136.7	17.1	1	32593
Great Heart HT-262 3000GT	135.6	18.4	1	29204
AgriGold A6553VT3	135.2	16.9	1	32432
Terral REV 26HR50	135.0	19.7	1	24203
Dyna-Gro CX11114	134.9	19.7	1	26946
M-Pride MP 111X1-11VT3PRO	133.8	17.3	1	31947
AgVenture GL8977AB	133.1	18.6	1	31625
NK N68B-3111	133.1	17.4	1	32755
Armor 1539 PRO	132.5	17.7	1	28237
Terral REV 25HR39	132.3	18.4	1	29366
Pioneer 1412HR	132.2	18.2	1	33722
Dyna-Gro D56VP24	132.1	18.2	1	29205
Delta Grow 3797GT	130.2	17.8	1	30011

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

<b>Brand/Variety</b>	<b>Yield Bu/Ac</b>	<b>Moisture %</b>	<b>Lodging 1-5</b>	<b>Population #/Ac</b>
Dyna-Gro D58VP30	130.2	18.6	1	24203
Mycogen 2D744	129.3	17.7	1	33561
AgriGold A6458VT3	128.9	17.2	1	30334
Dekalb DKC65-19(GENVT3P)	128.8	18.2	1	21621
Pioneer P0912HR	128.1	17.6	1	30334
Mycogen 2V702	128.0	17.5	1	23557
M-Pride MP 3140VT3PRO	126.5	17.5	1	29850
M-Pride MP 3150GT3	126.3	19.8	1	29850
Terral REV 26R60	126.0	17.7	1	32109
Pfister 2570SS	125.9	17.6	1	31141
Channel 216-63 VT3 Brand	125.0	19.7	1	29366
Pfister 3333SS	124.7	18.3	1	24364
Dairyland 9910	124.2	15.6	1	31302
Stone 6502GVT2P	123.3	18.1	1	28075
M-Pride MP 3151GT/CB/LL	123.0	18.2	1	25816
Gateway 6158	122.9	18.9	1	27914
Stone 6022GVT2P	119.0	17.3	1	29689
AgriGold A6679VT3Pro	118.8	18.6	1	34045
Dyna-Gro D55Q80	115.2	19.1	1	31302
Terral REV 25HR49	115.1	20.1	1	32754
Delta Grow 2988GT/BT/LL	115.0	18.2	1	29689
Armor 1415PRO	114.6	18.1	1	24687
M-Pride MP 3152VT3PRO	102.1	18.5	1	20814
<b>GRAND MEAN</b>	<b>143.5</b>	<b>18.3</b>	<b>1</b>	<b>29900</b>
<b>LSD (10%)</b>	<b>30.0</b>	<b>1.5</b>		
<b>CV (%)</b>	<b>16.4</b>	<b>6.3</b>		

**\*\*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
Dekalb DKC63-87(GENVT2P)	243.5*	236.1*	177.4*	180.0**	209.2**
Pioneer 1944HR	254.4**	237.4*	181.4*	161.4*	208.6*
Dekalb DKC64-69(GENVT3P)	224.5	238.2*	187.6*	174.0*	206.0*
NK N78S-3111	250.6*	245.9*	156.0	171.2*	205.9*
NK N72F-3000GT	247.4*	241.3*	170.1	160.3*	204.7*
Stone 6404GVT3P	231.5	232.9*	200.5**	154.2*	204.7*
AgriGold A6632VT3Pro	233.6	227.1	176.1	178.6*	203.8*
AgVenture VPMMaxx RL9858HB	248.9*	233.0*	172.9	160.3*	203.7*
AgriGold A6573VT3	249.3*	231.6	190.4*	142.5	203.4*
Terral REV 28HR29	251.4*	227.0	169.8	161.8*	202.5*
NK N68B-3111	242.9*	237.4*	195.4*	133.1	202.2*
AgVenture VPMMaxx RL8899HB	245.5*	236.3*	168.0	156.8*	201.6*
AgriGold A6677	244.1*	226.4	183.5*	151.7*	201.4*
Terral REV 27HR52	238.6*	217.6	184.0*	164.9*	201.2*
Armor 1415PRO	236.6	251.1**	199.9*	114.6	200.5*
Terral REV 26HR22	225.7	217.5	188.9*	168.1*	200.0*
AgriGold A6553VT3	247.2*	219.2	196.6*	135.2	199.5*
Terral REV 28HR20	225.5	204.4	197.8*	170.0*	199.4*
NK N68B-3000GT	243.4*	231.8	167.0	152.2*	198.6*
Terral REV 28HR30	243.0*	236.8*	168.6	143.6	198.0*
MFA Morcorn MC4338VT3P	231.7	238.7*	178.4*	142.8	197.9*
AgVenture VPMMaxx RL8950HB	213.7	235.8*	168.9	172.2*	197.6
Terral REV 28R10	202.4	233.6*	174.1	178.8*	197.2
Armor 1161PRO(V)	232.9	222.4	170.4	162.4*	197.0
Armor 1539 PRO	242.0*	227.8	184.7*	132.5	196.7
Delta Grow 2888GT/BT/LL	234.0	239.3*	172.2	139.8	196.3
AgriGold A6533VT3	246.7*	216.3	179.9*	141.1	196.0
Great Heart HT-237 VT3	243.9*	222.6	173.1	144.3	195.9
Dekalb DKC67-57(GENVT3P)	219.5	230.1	186.0*	147.9	195.8
NK N79Z GT/CB/LL	231.1	233.6*	157.9	160.8*	195.8
Mycogen X20808	236.1	218.4	172.9	152.8*	195.0
Pioneer 2088HR	247.4*	223.5	162.9	145.7	194.8
Stone 6324GVT3P	219.7	225.0	174.3	159.3*	194.5
Dyna-Gro V5373VT3	234.5	222.8	181.2*	138.7	194.3
Gateway 0713VT2Pro	219.0	234.3*	164.0	158.3*	193.9
Dyna-Gro D55VC21	242.4*	214.8	165.4	152.1*	193.6
AgriGold A6476VT3Pro	233.3	222.6	173.7	144.3	193.4
Armor 1262DPRO	224.5	241.0*	160.9	145.3	192.9
Stone 6012GVT2P	230.5	223.9	171.5	145.7	192.9
Dekalb DKC65-19(GENVT3P)	233.9	220.9	186.0*	128.8	192.4

**SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Oran Bu/Ac</b>	<b>Charleston Bu/Ac</b>	<b>Port. Clay Bu/Ac</b>	<b>Port. Loam Bu/Ac</b>	<b>Mean Bu/Ac</b>
M-Pride MP 111X1-11VT3PRO	234.8	224.2	171.5	133.8	191.0
AgVenture VPM maxx RL9583HB	231.3	221.3	153.2	157.9*	190.9
Pioneer 1412HR	243.5*	223.1	164.9	132.2	190.9
Pioneer P1745	241.8*	195.6	174.8	149.9	190.5
Armor 1655PRO(V)	223.1	209.8	184.6*	144.4	190.4
Terral REV 25HR39	226.6	235.1*	167.2	132.3	190.3
Terral REV 25R19	229.2	238.5*	149.7	143.0	190.1
Terral REV 26HR82	236.9*	217.6	152.3	153.7*	190.1
Gateway 6158	220.1	243.9*	173.2	122.9	190.0
Terral REV 26R60	240.6*	230.2	162.3	126.0	189.7
Dyna-Gro CX11114	242.5*	217.2	164.0	134.9	189.6
Channel 217-08 VT3P Brand	228.9	227.0	157.4	144.6	189.4
Pioneer 1404HR	200.5	235.6*	150.7	170.8*	189.4
Terral REV 27HR32	211.2	221.3	173.0	152.2*	189.4
Dyna-Gro D51VP40	221.2	226.2	159.6	147.2	188.5
AgriGold A6458VT3	234.3	222.0	168.1	128.9	188.3
Great Heart HT-333 VT3	243.5*	231.0	139.5	139.4	188.3
Dairyland 7615	224.8	210.4	162.8	154.8*	188.2
Delta Grow 2988GT/BT/LL	236.3	229.3	169.3	115.0	187.4
Pioneer 33D49	230.8	205.9	148.3	164.5*	187.3
AgVenture VPM maxx RL9795HB	213.5	220.0	161.1	153.9*	187.1
Channel 216-96 VT3P Brand	217.4	208.1	168.0	153.3*	186.7
Channel 216-63 VT3 Brand	237.5*	233.4*	150.3	125.0	186.5
Dairyland 9214Q	217.3	218.1	161.0	148.1	186.1
Dairyland 11302	231.4	205.4	156.5	150.8*	186.0
Dairyland 9910	234.4	216.8	168.9	124.2	186.0
AgVenture VPM maxx RL9159HB	214.5	194.2	185.1*	148.3	185.5
Dairyland 9414Q	229.1	219.1	144.3	148.0	185.1
Dairyland 7313	218.4	202.9	162.8	156.1*	185.0
AgriGold A6679VT3Pro	231.2	215.2	172.5	118.8	184.4
Pfister 2674HXTR	207.7	202.2	180.0*	147.9	184.4
Terral REV 26HR50	225.8	200.5	174.4	135.0	183.9
Mycogen 2A787	226.0	208.6	161.6	139.3	183.8
AgVenture GL8662AB	212.6	211.8	164.6	145.9	183.7
Pfister 2570SS	217.6	216.0	173.2	125.9	183.1
Stone 6502GVT2P	233.6	227.7	147.4	123.3	183.0
Pioneer P0912HR	225.9	213.4	162.7	128.1	182.5
Dyna-Gro D56VP24	232.5	181.2	181.2*	132.1	181.7
Delta Grow 3797GT	198.2	243.5*	153.7	130.2	181.4
Pioneer P1319HR	240.2*	203.2	142.1	139.0	181.1

**SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST**

<b>Brand/Variety</b>	<b>Oran Bu/Ac</b>	<b>Charleston Bu/Ac</b>	<b>Port. Clay Bu/Ac</b>	<b>Port. Loam Bu/Ac</b>	<b>Mean Bu/Ac</b>
Dairyland 11205	221.2	198.7	159.3	145.0	181.0
Mycogen 2V702	226.2	186.6	182.4*	128.0	180.8
Mycogen 2V715	220.7	190.2	175.5	137.0	180.8
Pioneer P1184HR	209.5	206.6	154.5	152.1*	180.6
AgVenture GL8977AB	203.6	205.1	178.7*	133.1	180.1
Delta Grow 8188GT/BT/LL	215.9	195.2	165.4	141.9	179.6
Dyna-Gro 57V59	204.3	218.3	154.9	136.7	178.5
Mycogen 2D744	212.6	211.5	159.6	129.3	178.2
Dyna-Gro D58VP30	212.0	191.9	173.8	130.2	176.9
Terral REV 25HR49	241.5*	224.4	126.9	115.1	176.9
M-Pride MP 3140VT3PRO	211.3	208.8	158.0	126.5	176.1
Stone 6114GVT3P	193.9	189.6	164.7	151.3*	174.8
Great Heart HT-262 3000GT	216.8	208.6	135.4	135.6	174.1
Delta Grow 8488GT/BT/LL	203.7	200.7	145.2	143.8	173.3
Terral REV 26HR70	209.9	182.1	155.7	144.8	173.1
AgVenture VPMaxx RL8539HB	199.1	194.0	153.7	143.2	172.5
Pfister 3333SS	187.6	213.0	161.1	124.7	171.6
Delta Grow 3788GT/BT/LL	163.5	206.2	152.0	140.9	165.6
Stone 6022GVT2P	209.1	177.8	150.4	119.0	164.0
M-Pride MP 3151GT/CB/LL	198.1	178.6	135.5	123.0	158.8
M-Pride MP 3150GT3	175.0	159.5	160.7	126.3	155.3
Dyna-Gro D55Q80	168.3	173.3	152.7	115.2	152.3
M-Pride MP 3152VT3PRO	158.2	210.0	115.5	102.1	146.4
<b>GRAND MEAN</b>	<b>225.2</b>	<b>218.0</b>	<b>166.1</b>	<b>143.5</b>	<b>188.2</b>
<b>LSD (10%)</b>	<b>17.7</b>	<b>18.8</b>	<b>23.8</b>	<b>30.0</b>	<b>11.5</b>
<b>CV (%)</b>	<b>5.9</b>	<b>6.4</b>	<b>10.6</b>	<b>16.4</b>	<b>9.1</b>

**\*\*Highest yielding variety in test**

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



# CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 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 <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
AgriGold A6384VT3Pro	106	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 A6533VT3	113	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6553VT3	113	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6573VT3	114	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6632VT3Pro	115	Poncho 500/Votivo	Y	N	Y	Y
AgriGold A6677	116	Poncho 500/Votivo	N	N	N	N
AgriGold A6679VT3Pro	116	Poncho 500/Votivo	Y	N	Y	Y
AgVenture GL8662ABW	110	Poncho 250	Y	Y	Y	Y
AgVenture GL8977AB	115	Poncho 250	Y	Y	Y	N
AgVenture VPMmax RL8539HB	113	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL8899HB	115	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL8950HB	115	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL9159HB	117	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL9583HB	118	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL9795HB	119	CruiserExtreme/Raxil	Y	Y	Y	N
AgVenture VPMmax RL9858HB	121	CruiserExtreme/Raxil	Y	Y	Y	Y
Armor 1161PRO(V)	111	Acceleron/Poncho 500/Votivo	Y	N	Y	Y
Armor 1262DPRO	112	Acceleron	Y	N	Y	N
Armor 1415PRO	114	Acceleron	Y	N	Y	Y
Armor 1539PRO	115	Acceleron	Y	N	Y	Y
Armor 1655PRO(V)	116	Acceleron/Poncho 500/Votivo	Y	N	Y	Y
Channel 202-32 STX Brand	102	Poncho 500/Votivo	Y	Y	Y	Y
Channel 213-32 VT3 Brand	113	Poncho 500/Votivo	Y	N	Y	Y
Channel 214-14 VT3PBrand	114	Poncho 500/Votivo	Y	N	Y	Y
Channel 216-63 VT3 Brand	116	Poncho 500/Votivo	Y	N	Y	Y
Channel 216-96 VT3P Brand	116	Poncho 500/Votivo	Y	N	Y	Y
Channel 217-08 VT3P Brand	117	Poncho 500/Votivo	Y	N	Y	Y
Dairyland 11205	112	Cruiser Max	Y	Y	Y	Y
Dairyland 11302	113	Cruiser Max	Y	Y	Y	Y
Dairyland 7313	113	Cruiser Max	Y	Y	Y	Y
Dairyland 7615	116	Cruiser Max	Y	N	Y	N
Dairyland 9214Q	114	Cruiser Max	Y	Y	Y	Y
Dairyland 9414Q	115	Cruiser Max	Y	Y	Y	Y



**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
Dairyland 9910	110	Cruiser Max	Y	N	Y	Y
Dekalb DKC55-09(GENSS)	105	Poncho/Votivo	Y	Y	Y	Y
Dekalb DKC61-49(GENVT2P)	111	Poncho/Votivo	Y	N	Y	N
Dekalb DKC61-88(GENVT3P)	111	Poncho/Votivo	Y	N	Y	Y
Dekalb DKC62-09(GENVT3P)	112	Poncho/Votivo	Y	N	Y	Y
Dekalb DKC62-13(GENVT2P)	112	Poncho/Votivo	Y	N	Y	N
Dekalb DKC62-97(GENVT3P)	112	Poncho/Votivo	Y	N	Y	Y
Dekalb DKC63-87(GENVT2P)	113	Poncho/Votivo	Y	N	Y	N
Dekalb DKC64-69(GENVT3P)	114	Poncho/Votivo	Y	N	Y	Y
Dekalb DKC65-19(GENVT3P)	115	Poncho/Votivo	Y	N	Y	Y
Dekalb DKC67-57(GENVT3P)	117	Poncho/Votivo	Y	N	Y	Y
Delta Grow 2888GT/BT/LL	116	Cruiser Max	Y	Y	Y	N
Delta Grow 2988GT/BT/LL	116	Cruiser Max	Y	Y	Y	N
Delta Grow 3788GT/BT/LL	115	Cruiser Max	Y	Y	Y	N
Delta Grow 3797GT	115	Cruiser Max	Y	N	N	N
Delta Grow 8188GT/BT/LL	113	Cruiser Max	Y	Y	Y	N
Delta Grow 8488GT/BT/LL	116	Cruiser Max	Y	Y	Y	N
Dyna-Gro 57V59	114	Apron Maxx/Poncho 250	Y	N	Y	Y
Dyna-Gro CX11113	113	Acceleron	Y	N	Y	Y
Dyna-Gro CX11114	114	Acceleron	Y	N	Y	Y
Dyna-Gro D51VP40	111	Acceleron	Y	N	Y	Y
Dyna-Gro D55Q80	115	Apron Maxx/Poncho 250	Y	Y	Y	Y
Dyna-Gro D55VC21	115	Acceleron	Y	N	Y	N
Dyna-Gro D56VP24	116	Acceleron	Y	N	Y	Y
Dyna-Gro D58VP30	118	Acceleron	Y	N	Y	Y
Dyna-Gro V5373VT3	113	Apron Maxx/Poncho 250	Y	N	Y	Y
Fontanelle 8A818	116	Acceleron	Y	Y	Y	Y
Fontanelle 8T468	115	Acceleron	Y	N	Y	Y
FS 58MV4	108	Maxim Quattro/Dynasty/Cruiser 250	Y	N	Y	Y
FS 61BX1	111	Maxim Quattro/Dynasty/Cruiser 250	Y	Y	Y	Y
FS 62MV4	112	Maxim Quattro/Dynasty/Cruiser 250	Y	N	Y	Y
FS 63BV1	113	Maxim Quattro/Dynasty/Cruiser 250	Y	N	Y	N
FS 64JV3	114	Maxim Quattro/Dynasty/Cruiser 250	Y	N	Y	Y
FS 65BV3	115	Maxim Quattro/Dynasty/Cruiser 250	Y	N	Y	Y
FS 66S41	116	Maxim Quattro/Dynasty/Cruiser 250	Y	Y	Y	N

**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
G2 Genetics 5H-013	113	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5H-1001	110	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5H-513	113	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5H-515	115	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5H-712	112	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5H-716	116	Maxim XL/Cruiser 250	Y	Y	Y	N
G2 Genetics 5X-1301	113	Maxim XL/Cruiser 250	Y	Y	Y	Y
G2 Genetics 5X-909	109	Maxim XL/Cruiser 250	Y	Y	Y	Y
Garst 82K01-3111	116	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
Garst 83Z99 GT/CB/LL	115	Apron XL/Maxim/Cruiser	Y	Y	Y	N
Garst 85E98-3000GT	109	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
Gateway 0713VT2Pro	113	Cruiser	Y	N	Y	N
Gateway 6158	115	Cruiser	N	N	N	N
Golden Harvest H-8940 3000GT	111	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
Golden Harvest H-9173 3111	113	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
Great Heart HT-237 VT3	112	Poncho 250	Y	N	Y	Y
Great Heart HT-262 3000GT	112	Poncho 250	Y	Y	Y	Y
Great Heart HT-333 VT3	113	Poncho 250	Y	N	Y	Y
Hoegemeyer 8359	113	Poncho 1250/Votivo	Y	Y	Y	Y
Hoegemeyer HPT7931	109	Cruiser 250	Y	Y	Y	N
Hoegemeyer HPT8102	111	Poncho 1250/Votivo	Y	Y	Y	N
Hoegemeyer HPT8228	112	Poncho 1250/Votivo	Y	Y	Y	N
Hoegemeyer HPT8505	115	Cruiser 250	Y	Y	Y	N
Hoegemeyer HPT8691	114	Poncho 1250/Votivo	Y	Y	Y	N
Kruger K-4014	114	Acceleron	Y	N	Y	N
Kruger K-4110	110	Acceleron	Y	N	Y	N
Kruger K-4510	110	Acceleron	Y	N	Y	N
Kruger K4-9513	113	Acceleron	Y	Y	Y	Y
Kruger K4-9710	110	Acceleron	Y	Y	Y	Y
Kruger K-6411	111	Acceleron	Y	N	Y	Y
Kruger K-7215	115	Acceleron	Y	N	Y	Y
Kruger K-7312	112	Acceleron	Y	N	Y	Y
Kruger K-7514	114	Acceleron	Y	N	Y	Y
Kruger K-7516	116	Acceleron	Y	N	Y	Y
Kruger K-7614	114	Acceleron	Y	N	Y	Y

**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
Lewis 1007VT2P	107	Acceleron	Y	N	Y	N
Lewis 1014VT2P	113	Acceleron	Y	N	Y	N
Lewis 1110VT2P	110	Acceleron	Y	N	Y	N
Lewis 1113GENSS	114	Acceleron	Y	Y	Y	Y
Lewis 1115VT2P	115	Acceleron	Y	N	Y	N
Lewis 1209VT2P	109	Acceleron	Y	N	Y	N
Lewis 1213VT2P	112	Acceleron	Y	N	Y	N
Lewis 1214VT3P	114	Acceleron	Y	N	Y	Y
Lewis 1215VT3P	115	Acceleron	Y	N	Y	Y
LG 2549VT3	109	Poncho 500	Y	N	Y	Y
LG 2555VT3	110	Poncho 500	Y	N	Y	Y
LG 2620VT3	113	Poncho 500	Y	N	Y	Y
LG 2636VT3	114	Poncho 500	Y	N	Y	Y
LG 2641VT3	114	Poncho 500	Y	N	Y	Y
Merschman M-1015A	115	Captan /Alleg. /Trilex /P500	N	N	N	N
Merschman M-314A-10	114	Captan/Alleg./Trilex/P500/Votivo	Y	N	Y	Y
MFA Morcorn MC3914VT2P	109	Cruiser	Y	N	Y	N
MFA Morcorn MC4128VT3P	111	Cruiser	Y	N	Y	Y
MFA Morcorn MC4134VT2P	111	Cruiser	Y	N	Y	N
MFA Morcorn MC4234VT2P	111	Poncho 250	Y	N	Y	N
MFA Morcorn MC4338VT3P	113	Poncho 250	Y	N	Y	Y
Midland 361PRW	107	Cruiser	Y	N	Y	Y
Midland 417BRW	110	Cruiser	Y	N	Y	Y
Midland 481PRW	110	Cruiser	Y	N	Y	Y
Midland 531PRW	111	Cruiser	Y	N	Y	Y
Midland 552PRW	112	Cruiser	Y	N	Y	Y
Midland 622PRW	113	Cruiser	Y	N	Y	Y
Midland 641VLGW	113	Cruiser	Y	Y	Y	Y
Midland 670BRW	114	Cruiser	Y	N	Y	Y
Midland 779BRW	115	Cruiser	Y	N	Y	Y
M-Pride MP 111X1-11VT3PRO	111	Acceleron/Poncho 250	Y	N	Y	Y
M-Pride MP 3110GT/CB/LL	110	Poncho 250/Apron Maxx	Y	Y	Y	N
M-Pride MP 3140VT3PRO	114	Acceleron/Poncho 250	Y	N	Y	Y
M-Pride MP 3150GT3	115	Poncho 250/Apron Maxx	Y	Y	Y	Y
M-Pride MP 3151GT/CB/LL	115	Poncho 250/Apron Maxx	Y	Y	Y	N

**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
M-Pride MP 3152VT3PRO	115	Acceleron/Poncho 250	Y	N	Y	Y
Mycogen 2A695	110	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2A787	114	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2D744	111	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2H736	112	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2T698	110	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2V702	110	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2V715	111	Avicta Complete Corn	Y	Y	Y	Y
Mycogen 2V738	113	Avicta Complete Corn	Y	Y	Y	Y
Mycogen X20808	116	Avicta Complete Corn	Y	Y	Y	N
NK N68B-3111	111	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
NK N72F-3000GT	113	Cruiser 500	Y	Y	Y	Y
NK N74R-3000GT	113	Apron XL/Maxim/Cruiser	Y	Y	Y	Y
NK N78S-3111	116	Cruiser 500	Y	Y	Y	Y
NK N79Z GT/CB/LL	115	Cruiser 500	Y	Y	Y	N
NuTech Seed 5N-1004	110	Maxim XL/Cruiser 250	Y	Y	Y	Y
NuTech Seed 5V-514	114	Maxim XL/Cruiser 250	Y	Y	Y	Y
NuTech Seed 5V-813	113	Maxim XL/Cruiser 250	Y	Y	Y	Y
Pfister 2570SS	109	Avicta Complete	Y	Y	Y	Y
Pfister 2674HXTR	111	Cruiser Extreme	Y	Y	Y	Y
Pfister 3333SS	115	Avicta Complete	Y	Y	Y	Y
Pioneer 1404HR	114	Cruiser Extreme 250	Y	Y	Y	N
Pioneer 1412HR	114	Cruiser Extreme 250	Y	Y	Y	N
Pioneer 1944HR	118	Cruiser Extreme 250	Y	Y	Y	N
Pioneer 2088HR	120	Cruiser Extreme 250	Y	Y	Y	N
Pioneer 32D79	116	Cruiser 250	Y	Y	Y	N
Pioneer 33D49	115	Cruiser Extreme 250	Y	Y	Y	N
Pioneer 33T57	113	Cruiser 250	Y	Y	Y	N
Pioneer 35K03	106	Cruiser 250	Y	Y	Y	N
Pioneer P0461HR	104	Cruiser 250	Y	Y	Y	N
Pioneer P0912HR	109	Cruiser Extreme 250	Y	Y	Y	N
Pioneer P0916HR	109	Cruiser 250	Y	Y	Y	N
Pioneer P1018HR	110	Cruiser 250	Y	Y	Y	N
Pioneer P1184HR	111	Cruiser Extreme 250	Y	Y	Y	N
Pioneer P1319HR	113	Cruiser Extreme 250	Y	Y	Y	N

**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
Pioneer P1395HR	113	Cruiser 250	Y	Y	Y	N
Pioneer P1420HR	114	Cruiser 250	Y	Y	Y	N
Pioneer P1745	117	Cruiser Extreme 250	Y	Y	Y	N
Producers 7014VT3	110	Votivo	Y	N	Y	Y
Producers 7224VT3	112	Votivo	Y	N	Y	Y
Producers 7394VT3	113	Votivo	Y	N	Y	Y
Producers 7414VT3	114	Votivo	Y	N	Y	Y
Producers 7574VT3	115	Votivo	Y	N	Y	Y
Rainbow 3070	107	Cruiser Extreme	N	N	N	N
Rainbow 3096GT3	109	Cruiser Extreme	Y	Y	Y	Y
Rainbow 3142YGCB	114	Cruiser Extreme	N	N	Y	N
Rainbow 3157	115	Cruiser Extreme	N	N	N	N
Rainbow X1140GT3	114	Cruiser Extreme	Y	Y	Y	Y
Rainbow X1160GTCBLL	115	Cruiser Extreme	Y	Y	Y	N
Stine 9806VT3Pro	114	Acceleron /P500 / Votivo	Y	N	Y	Y
Stine M-1015B-15	115	Acceleron/ P500 / Votivo	Y	N	Y	Y
Stine M-1109D-10	109	Acceleron/P500/Votivo	Y	N	Y	Y
Stone 6012GVT2P	110	Acceleron	Y	N	Y	N
Stone 6022GVT2P	110	Acceleron	Y	N	Y	N
Stone 6114GVT3P	111	Acceleron	Y	N	Y	Y
Stone 6324GVT3P	113	Acceleron	Y	N	Y	Y
Stone 6404GVT3P	114	Acceleron	Y	N	Y	Y
Stone 6502GVT2P	115	Acceleron	Y	N	Y	Y
Terral REV 25HR39	115	Cruiser Extreme	Y	Y	Y	N
Terral REV 25HR49	115	Cruiser Extreme	Y	Y	Y	N
Terral REV 25R19	115	Cruiser Extreme	Y	N	N	N
Terral REV 26HR22	116	Cruiser Extreme	Y	Y	Y	N
Terral REV 26HR50	116	Cruiser Extreme	Y	Y	Y	N
Terral REV 26HR70	116	Cruiser Extreme	Y	Y	Y	N
Terral REV 26HR82	116	Cruiser Extreme	Y	Y	Y	N
Terral REV 26R60	116	Cruiser Extreme	Y	N	N	N
Terral REV 27HR32	117	Cruiser Extreme	Y	Y	Y	N
Terral REV 27HR52	117	Cruiser Extreme	Y	Y	Y	N
Terral REV 28HR20	118	Cruiser Extreme	Y	Y	Y	N
Terral REV 28HR29	118	Cruiser Extreme	Y	Y	Y	N

**CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2011 MU VARIETY TESTING PROGRAM**

Hybrid	Maturity <sup>1</sup>	Seed treatment <sup>2</sup>	Biotechnology traits			
			Herbicide <sup>3</sup>		Insect <sup>4</sup>	
			Gly	Glu	AG	BG
Terral REV 28HR30	118	Cruiser Extreme	Y	Y	Y	N
Terral REV 28R10	118	Cruiser Extreme	Y	N	N	N

<sup>1</sup> Relative Corn Maturity.

<sup>2</sup> 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. Space limitations required abbreviations in some instances. P500=Poncho 500, Alleg.=Allegiance, Vot.=Votivo

<sup>3</sup> 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.

<sup>4</sup> There are several biotechnology traits that confer insect resistance to corn hybrids. “Y” in the “AG” 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 VARIETIES ENTERED IN THE 2011 MISSOURI CORN TESTS

Brand/Variety	Company and Address	Phone	URL
AgriGold	AgriGold Hybrids RR 1 Box 203, St. Francisville, IL 62460	618-943-5776	agrigold.com
AgVenture	AgVenture 22985 Hwy D, Essex, MO 63846	573-283-5311	agventure.com
Armor	Armor Seed PO Box 178, Fisher AR 72429	870-579-2286	armorseed.com
Channel	Channel Bio 13795 Hwy JJ, Mexico, MO 65265	573-721-1061	channelbio.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	815-754-4809	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
Fontanelle	Fontanelle Hybrids 1955 E. Military Ave., Fremont, NE 68025	402-721-1410	fontanelle.com
FS	Growmark 1701 Towands Ave., Bloomington, IL 61701	309-557-6000	fsseed.com
G2 Genetics	NuTech Seed LLC 415 S. Duff, Suite C, Ames, IA 50010	800-942-6748	yieldleader.com
Garst	Syngenta Seeds 11055 Wayzata Blvd., Minnetonka, MN 55305	573-239-3779	syngentaseeds.com
Gateway	Gateway Seed Co. 5517 Van Buren Rd., Nashville, IL 62263	618-327-8000	gatewayseeds.com
Golden Harvest	Syngenta Seeds 11055 Wayzata Blvd., Minnetonka, MN 55305	573-239-3779	syngentaseeds.com
Great Heart Seed	Great Heart Seed 220 W. Washington, Paris, IL 61944	217-465-4132	greatheartseed.com
Hoegemeyer	Hoegemeyer Hybrids 1755 Hoegemeyer Rd., Hooper, NE 68031	402-654-3399	therightseed.com
Kruger	Kruger Seed Co. 33938 160th, Dike, IA 50624	319-989-2414	krugerseed.com
Lewis	Lewis Hybrids 530 W. Maple Ave., Box 38, Ursa, IL 62376	217-964-2131	lewishybrids.com
LG Seeds	LG Seeds 22827 Shissler Rd., Elmwood, IL 61529	309-945-3105	lgseeds.com
Merschman	Merschman Seeds, Inc. PO Box 67, West Point, IA 52656	800-848-7333	merschmanseeds.com
MFA Inc.	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
M-Pride	M-Pride Genetics PO Box 560, Garden City, MO 64747	317-409-8214	m-pride.com
Mycogen	Mycogen Seeds 9330 Zionsville Rd., Indianapolis, IN 46268	800-692-6436	mycogenseeds.com
NK Brand	Syngenta Seeds 11055 Wayzata Blvd., Minnetonka, MN 55305	573-239-3779	syngentaseeds.com

**SOURCES FOR VARIETIES ENTERED IN THE 2011 MISSOURI CORN TESTS**

<b>Brand/Variety</b>	<b>Company and Address</b>	<b>Phone</b>	<b>URL</b>
NuTech Seed	NuTech Seed 415 S. Duff, Suite C, Ames, IA 50010	800-942-6748	yieldleader.com
Pfister	Pfister Seeds PO Box 187, El Paso, IL 61738	888-647-3478	pfisterseeds.com
Pioneer	Pioneer Hi-Bred Int. PO Box 1000, Johnston, IA 50131	573-334--6999	pioneer.com
Pioneer	Pioneer Hi-Bred Int. 700 Boulevard South, Suite 302, Huntsville, AL 35802	800-331-2475	pioneer.com
Producers	Producers Hybrids PO Box C, Battle Creek, NE 68715	316-303-6300	producershybrids.com
Rainbow	Rainbow Seeds 816 Hwy 163, Oskaloosa, IA 52577	800-373-9401	rainbowseeds.com
Stine	Stine Seeds 22555 Laredo Trail, Adel, IA 50003	800-362-2510	stineseed.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