

CONTENTS

PROCEDURES	3
NORTH REGION	7
NON-IRRIGATED CORN TEST	
<i>Albany</i>	8
<i>Moorseville</i>	12
<i>LaGrange</i>	16
<i>Summary of one-year results</i>	20
CENTRAL REGION	25
NON-IRRIGATED CORN TEST	
<i>Columbia</i>	26
<i>Marshall</i>	29
<i>Truxton</i>	32
<i>Annada</i>	35
<i>Summary of one-year results</i>	38
IRRIGATED CORN TEST	
<i>Columbia</i>	42
<i>Laddonia</i>	44
<i>Summary of one-year results</i>	46
SOUTHWEST REGION	49
NON-IRRIGATED CORN TEST	
<i>Urich</i>	50
<i>Lamar</i>	52
<i>Summary of one-year results</i>	54
IRRIGATED CORN TEST	
<i>Harrisonville</i>	56
<i>Adrian</i>	57
<i>Lamar</i>	58
<i>Summary of one-year results</i>	58
SOUTHEAST LOCATIONS	61
IRRIGATED CORN TEST	
<i>Oran</i>	62
<i>Charleston</i>	65
<i>Summary of one-year results</i>	68
CHARACTERISTICS AND TABLE NUMBERS FOR SEED CORN HYBRIDS	72
SOURCES FOR SEED CORN HYBRIDS	80

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 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 end 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 and yields averaged across all of 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

William J. Wiebold is a Professor of Plant Sciences and State Extension Specialist; Howard L. Mason is a Research Associate in Plant Sciences; Delbert Knerr, Richard W. Hasty, David M. Schwab, Jeremy Angotti, and William Schelp are Research Specialists in Plant Sciences.

The MU Variety Testing Program recognizes and expresses appreciation to the following individuals for their part in making the 2010 corn performance tests possible: Steve Cunningham, Craig; Bruce Burdick, Superintendent, Hundley-Whaley Center, Albany; Ron and Bud Beetsma, Mooresville, Randall Smoot, Superintendent, Greenley Center, Novelty; Roger Tiemann, LaGrange; John Williams, Henrietta; Frank Swisher, Marshall; Tim Reinbott, Superintendent, Bradford Research & Extension Center, Columbia; Kevin Freyer, Laddonia; Roy Cope, Truxton; Bob Burkemper, Annada; Doug Roth, Harrisonville; Darrel Tenholder, Adrian, Ron Bean, Lamar; Kurt Gretzinger, Urich; Glenn Nothdurft, Oran; Dale Glenn, Charleston; Jake Fisher, Superintendent, Delta Research Center, Portageville

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 2010 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); BREC
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** (Pemiscot County); Delta Research Center



2010 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 each in the southwest southeast regions. Plots were irrigated as weather conditions warranted.

Entries: All seed companies were eligible to enter the 2010 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 25 feet long. The center two rows were harvested to determine yield. All tests were planted and harvested with commercial equipment modified for small plot work. Row spacing for all corn tests was 30 inches. Seeding rates were 30,000 kernels/acre for the non-irrigated corn test and 36,000 seeds/acre for the irrigated corn test. Fertilizer was applied at each site at the discretion of the farmer or the research station manager. Herbicides were used to control weeds, and additional hand weeding was done as required. An in-furrow insecticide was applied at all locations. Management details varied among locations and are specified in individual regional crop management summaries.

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

Accessibility of Data: Results of the 2010 crop performance tests are available in print format and online at “varietytesting.missouri.edu.” If you need assistance in accessing the web site or would like to receive a printed copy please call 573-882-2307.

NORTH REGION CROP MANAGEMENT SUMMARY

The Non-Irrigated Corn Test was to be conducted at five locations (Craig, Albany, Mooresville, Novelty, LaGrange) in the North Region. Locations are in counties where a significant number of acres of corn are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly among locations, but reflect those followed by farmers in the region. The Irrigated Corn Test was not conducted in the North Region.

Planting was delayed at three of five the north Region sites until the last week of May because of heavy spring rains. This precipitation trend continued throughout the growing season providing adequate to excessive moisture for the crop. The site at Craig flooded the last week of June and was abandoned. Poor and uneven emergence resulted in low and variable stand densities at Novelty. This location was also abandoned.

Average temperature (May through August) = 72.0 degrees, 1.8 degrees above normal

Total precipitation (May through August) = 25.8", 8.9" above normal

Accumulated growing degree days (May through August) = 2736 days, 125 days above normal

CULTURAL PRACTICES: NON-IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P205	K20		Pre	Post	
Craig	(abandoned; see text)								
Albany	May 5	Oct 8	180	60	80	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto, Accent	Force 3G
Mooresville	May 31	Oct 6	235	20	180	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Novelty	(abandoned; see text)								
LaGrange	May 26	Oct 20	225	0	0	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force3G

ALBANY, MO (GENTRY COUNTY) - NORTH REGION

NON-IRRIGATED CORN TEST

SOIL TYPE: Grundy Silt Loam SOIL TEST: pH=5.6, OM=2.3%, P=44 K=264
 RAINFALL: May=7.3, June=9.2, July =3.8, August=0.4, Season Total=20.7

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
LG 2549VT3	164.3**	12.4	2	22434
Channel 213-32VT3 Brand	158.7*	12.5	1	30286
MFA Morcorn XP202VT3P	153.7*	12.9	1	22808
FS 64JV3	151.9*	12.7	1	29164
G2 Genetics 5H-615RR/HX	151.8*	14.1	1	22434
Kruger K-6214VT3	151.2*	12.4	1	29538
Lewis 1014VT3P	150.4*	13.0	1	24304
Kruger K-6010VT3	150.3*	12.4	1	27295
Channel 211-99VT3P Brand	148.7*	12.5	1	28416
Lewis 910VT3	148.2*	12.5	1	26173
Lewis 1114VT3P	148.0*	12.1	1	30286
G2 Genetics 3A-511RR	147.1*	13.6	1	29538
AgriGold A6458VT3	146.7*	11.7	1	25051
Midland 670BRW	146.2*	14.5	1	25425
Producers 7414VT3	145.8*	13.8	1	23930
Fontanelle 8T468	145.2*	12.7	1	26173
Midland 641BLGW	144.8*	13.8	1	30660
NuTech OC-213YGCB	144.8*	13.7	1	27295
AgriGold A6533VT3	144.6*	12.6	2	26547
Dekalb DKC61-05(GENVT3P)	143.9*	14.1	1	28043
AgriGold A6476VT3	143.8*	13.2	1	20938
Lewis 1110VT3	143.1	12.1	1	25425
Channel 210-61VT3 Brand	143.0	13.5	1	27669
G2 Genetics 1H-513HX/LL	143.0	12.6	1	23930
LG 2555VT3	142.4	11.8	2	24304
Dekalb DKC62-97(GENVT3P)	141.8	14.0	1	23182
Channel 216-63VT3 Brand	141.4	14.3	2	29538
G2 Genetics 5H-607RR/HX	140.8	12.0	1	23182
Kruger K-6213VT3	140.6	12.7	1	27669
Kruger K-7614VT3P	140.0	12.8	1	30286
Kruger K-6411VT3	139.9	11.3	1	25051
Lewis 1109VT3	139.6	12.7	2	25051
Fontanelle 8T478	139.3	12.5	2	25051
Dekalb DKC59-35(VT3)	139.2	12.3	1	23556
Channel 209-77VT3 Brand	139.0	11.7	1	28043
Lewis 1013VT3	139.0	12.3	1	25425
Mycogen 2V732	138.8	13.1	1	26921
Dekalb DKC63-84(VT3)	138.4	12.3	1	19069
LG 2620VT3	138.3	13.4	1	31782
Pioneer P1395HR	138.2	14.3	1	29164

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Stine 9806VT3	138.1	14.5	1	23930
AgriGold A6553VT3	137.9	12.9	1	24677
Producers XP7504VT3	137.5	13.3	1	19069
Dekalb DKC62-54(VT3)	137.3	12.2	1	26547
NuTech 5N-813GT/CB/LL/RW	137.2	14.5	1	25051
Midland 361BRW	137.0	11.9	1	28790
G2 Genetics 1H-716HX/LL	136.9	15.2	1	20191
Gol.Har.H-9377-GT/CB/LL Bra.	135.9	14.4	2	29912
Rainbow 3158YGCB	134.8	14.4	1	14956
Stine M-1109D-10	134.8	12.9	1	30660
Mersch.M1111P-15	134.7	11.9	1	26173
Mersch.M1015A	134.4	14.3	1	27295
G2 Genetics 5X-716RR/HXT	134.2	15.0	1	28790
Gol.Har.H-9173-3000GT Brand	134.1	13.4	1	28043
Mycogen 2H735	133.8	13.2	1	28416
Garst 84U58-3000GT Brand	133.5	12.9	1	22808
Midland 451GT	133.5	11.1	1	26173
NuTech 3C-413RR/YGCB	133.0	13.3	1	21312
AgriGold A6632VT3Pro	132.5	14.2	1	21312
MFA Morcorn XP204VT3	132.5	15.2	1	24677
G2 Genetics 5X-007RR/HXT	132.3	12.6	1	22808
NuTech 5N-215GT/CB/LL/RW	132.2	12.6	1	19443
Midland 531BRW	132.0	12.1	1	29912
Stine M1011G-10	131.5	13.3	1	25425
G2 Genetics 5H-511RR/HX	131.3	12.7	1	25799
NK N72Q-3000GT	131.1	13.1	1	22060
G2 Genetics 5H-210RR/HX	131.0	13.0	1	20938
NK N68B-3000GT	130.7	12.0	1	27295
G2 Genetics 5X-515RR/HXT	130.4	14.6	1	21312
G2 Genetics 5H-515ARR/HX	129.8	14.2	1	25425
G2 Genetics 5H-513RR/HX	129.7	11.8	1	24304
Garst 83S06-3000GT Brand	129.6	13.4	2	14956
Taylor Exp 219350	129.3	13.5	1	23930
Gol.Har.H-8969-3000GT Brand	128.5	12.7	1	25425
Power Plus 6B52	128.5	13.3	1	25051
Lewis 1007VT3P	128.1	11.3	1	28790
NuTech 3C-115RR/YGCB	128.1	12.6	1	15704
Producers 7394VT3	127.7	13.7	1	16826
Power Plus 7U17	127.3	14.6	2	21312
Dyna-Gro 57V40	127.2	12.0	1	28416

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
G2 Genetics 5H-909RR/HX	127.2	14.1	2	19443
Producers 7624VT3	126.8	14.3	1	20938
Fontanelle 8V437	126.3	13.6	1	29912
NuTech 3T-110VT3	126.0	12.7	1	25799
Producers 7014VT3	125.9	12.5	1	11591
Power Plus X5642	125.7	13.0	2	30286
Pioneer 33T57	125.5	14.3	1	25051
Mycogen 2D775	124.4	14.4	1	16078
NuTech 5B-612GT/CB/LL	124.1	11.9	1	28790
NuTech 5N-215AGT/CB/LL/RW	123.7	12.2	1	28790
Rainbow 3157	123.6	15.0	1	23182
Pioneer 34R67	122.7	13.5	1	16078
G2 Genetics 5H-511ARR/HX	122.6	12.8	1	19817
Midland 481PRW	121.9	12.9	1	24677
Kruger K-1211RR	121.3	11.6	1	27669
G2 Genetics 5X-411RR/HXT	120.7	14.4	1	21686
Midland 779BRW	120.6	14.4	1	25799
Schillinger SXP111	120.1	13.3	1	26921
G2 Genetics 5H-210ARR/HX	119.9	12.7	1	22434
NuTech 3T-413VT3	119.7	14.0	1	16826
Mycogen 2T699	119.6	11.6	1	24304
G2 Genetics 5H-509RR/HX	119.3	12.5	1	26547
FS 60MV4	119.0	12.0	1	27669
NuTech 3U-113VT/RR2	118.8	14.1	2	16078
Power Plus 7D51	118.2	14.5	1	25799
MFA Morcorn MC4125GT/CB/LL	118.0	12.3	1	21686
Power Plus X6Y12	117.7	14.4	2	26547
G2 Genetics 5H-314RR/HX	117.6	14.2	1	23182
Taylor Exp 219270	117.3	13.4	1	18695
G2 Genetics 5H-007RR/HX	117.2	12.0	1	26547
G2 Genetics 5H-515BRR/HX	115.9	14.7	1	22060
FS 63MV4	115.6	13.7	1	27295
NK N71G-3000GT	114.5	14.0	1	15330
AgriGold A6421STX	114.0	13.0	1	25799
G2 Genetics 5H-515RR/HX	112.1	15.2	1	24677
G2 Genetics 5H-712RR/HX	111.1	12.8	1	26173
G2 Genetics 5X-411ARR/HXT	111.1	14.7	1	22808
NuTech 3T-315VT3	107.0	14.5	1	14582
G2 Genetics 5H-812RR/HXT	106.4	13.2	1	23930
NuTech 3T-713VT3	104.2	14.5	1	16452
MFA Morcorn MC4107VT3	103.2	13.0	1	11217
Dyna-Gro CX09512	103.0	14.1	1	25051
Pioneer 35K03	102.5	13.3	1	17947
G2 Genetics 5X-909RR/HXT	100.5	13.3	1	19443
G2 Genetics 5H-516	98.0	14.5	1	22434

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
NuTech 5N-213+GT/CB/LL/RW	97.9	13.8	1	20191
G2 Genetics 5H-608RR/HX	97.6	10.5	1	28043
Garst 84U96-3000GT Brand	97.5	14.2	1	27295
FS 61BX1	94.8	13.5	1	22808
Rainbow 3105YGCB	89.1	15.7	2	18695
Rainbow X1099GT3	87.0	11.8	1	24677
MFA Morcorn MC3918VT3P	81.3	12.9	1	13460
GRAND MEAN	129.2	13.2	1	24122
LSD (10%)	20.9	1.1		
CV (%)	12.0	6.4		

***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

SOIL TYPE: Grundy Silt Loam SOIL TEST: pH=6.8, OM=2.3%, P=24 K=116

RAINFALL: May=8.7, June=7.2, July =7.6, August=4.1, Season Total=27.6

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 481PRW	178.9**	15.9	1	29538
Producers 7394VT3	176.0*	17.6	1	29164
Lewis 1110VT3	175.5*	14.2	1	31782
MFA Morcorn XP202VT3P	175.4*	16.1	1	30286
Channel 213-32VT3 Brand	172.9*	18.9	1	28790
Fontanelle 8T478	170.9*	15.1	1	28043
Dekalb DKC62-97(GENV3P)	170.7*	16.5	1	29538
Lewis 1007VT3P	170.7*	13.3	1	28416
Producers 7014VT3	169.7*	13.3	1	26921
Stine 9806VT3	169.6*	19.4	1	29912
AgriGold A6458VT3	168.6*	13.2	1	27295
NuTech 3T-713VT3	168.1*	17.3	1	29538
AgriGold A6553VT3	167.7*	16.4	1	29912
Producers XP7504VT3	167.3*	15.5	1	28416
Gol.Har.H-8969-3000GT Brand	166.1*	14.9	1	26547
NuTech 3T-315VT3	165.9*	17.9	1	28790
Kruger K-6213VT3	165.0*	15.1	1	30660
Midland 531BRW	164.9*	16.5	1	28790
Dekalb DKC62-54(VT3)	164.8*	17.0	1	30286
FS 64JV3	164.7*	17.7	1	28043
Midland 451GT	164.6*	12.5	1	31034
Rainbow X1099GT3	164.5*	17.9	1	29538
G2 Genetics 5X-411RR/HXT	164.4*	18.6	1	28790
Mycogen 2D775	163.5*	19.7	1	29538
Producers 7414VT3	163.3*	16.7	1	29538
G2 Genetics 5H-712RR/HX	163.0*	17.1	1	29538
Lewis 1109VT3	162.0*	14.9	1	29538
NK N68B-3000GT	160.9*	15.0	1	28790
Dyna-Gro 57V40	157.2*	15.1	1	28416
AgriGold A6632VT3Pro	157.1*	16.8	1	25425
Garst 84U58-3000GT Brand	156.9*	15.9	1	27295
Kruger K-7614VT3P	156.8*	17.5	1	29912
Channel 209-77VT3 Brand	156.0*	12.6	1	29538
Kruger K-6411VT3	155.6*	12.5	1	29912
FS 61BX1	155.0*	15.4	1	27669
Dekalb DKC61-05(GENV3P)	154.1*	18.1	1	29912
NuTech 5N-215GT/CB/LL/RW	153.5*	20.2	1	31782
MFA Morcorn XP204VT3	153.4*	19.7	1	28043
Stine M-1109D-10	152.0*	15.5	1	29912
NuTech 3T-413VT3	151.4	15.7	1	28043

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 210-61VT3 Brand	151.2	17.4	1	29538
LG 2549VT3	151.0	14.2	1	30660
Midland 641BLGW	151.0	18.9	1	29538
G2 Genetics 5H-210ARR/HX	149.9	14.7	1	28043
Garst 84U96-3000GT Brand	149.9	18.5	1	29164
Gol.Har.H-9377-GT/CB/LL Bra.	148.9	19.1	1	30660
Channel 211-99VT3P Brand	148.7	13.2	1	29164
Lewis 910VT3	148.6	16.1	1	29538
Fontanelle 8T468	148.4	18.9	1	28043
Mycogen 2H735	147.5	18.3	1	29538
Fontanelle 8V437	147.4	16.8	1	29912
Kruger K-6010VT3	147.4	14.1	1	29164
MFA Morcorn MC3918VT3P	147.4	17.4	1	29164
NuTech 3U-113VT/RR2	147.4	17.8	1	29538
Channel 216-63VT3 Brand	146.4	20.1	1	26921
Pioneer P1395HR	146.2	18.9	1	29538
Dekalb DKC63-84(VT3)	146.1	15.1	1	29538
Midland 361BRW	145.8	13.0	1	29538
G2 Genetics 5H-210RR/HX	145.3	16.5	1	29912
LG 2620VT3	144.6	17.7	1	28790
G2 Genetics 5X-411ARR/HXT	144.3	18.7	1	26921
Lewis 1114VT3P	144.3	16.6	1	30286
Taylor Exp 219350	144.2	17.5	1	29538
LG 2555VT3	143.8	12.8	1	29538
Mersch.M1111P-15	143.8	15.3	1	28790
AgriGold A6476VT3	143.7	16.0	1	32155
Mycogen 2V732	141.8	13.7	1	29538
Producers 7624VT3	141.6	16.9	1	27669
NuTech OC-213YGCB	141.0	19.8	1	29912
AgriGold A6421STX	140.6	16.9	1	29164
G2 Genetics 1H-716HX/LL	139.7	18.6	1	27669
NuTech 3T-110VT3	139.7	14.7	1	31782
G2 Genetics 5X-909RR/HXT	139.6	18.6	1	28790
NuTech 5N-213+GT/CB/LL/RW	139.6	17.5	1	28416
Dekalb DKC59-35(VT3)	139.3	16.0	1	29912
NK N71G-3000GT	136.9	15.4	1	29912
Lewis 1014VT3P	136.8	12.7	1	30286
Mycogen 2T699	136.2	13.7	1	28043
Dyna-Gro CX09512	135.8	16.9	1	29912
Midland 670BRW	135.0	18.7	1	30660

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
G2 Genetics 5H-314RR/HX	134.4	16.3	1	30286
NuTech 5N-813GT/CB/LL/RW	134.3	19.9	1	29538
AgriGold A6533VT3	133.6	17.4	1	27669
G2 Genetics 5H-513RR/HX	133.4	17.5	1	31034
Kruger K-6214VT3	132.2	13.7	1	29912
MFA Morcorn MC4107VT3	131.5	19.3	1	28043
NuTech 3C-413RR/YGCB	130.5	15.2	1	28790
Rainbow 3158YGCB	129.2	19.6	1	26921
Schillinger SXP111	128.5	14.3	1	29912
Rainbow 3157	128.3	19.6	1	30660
Pioneer 33T57	127.3	18.4	1	28790
G2 Genetics 5H-007RR/HX	127.0	18.1	1	30286
G2 Genetics 5H-607RR/HX	126.6	14.2	1	30660
Midland 779BRW	126.1	19.0	1	28043
G2 Genetics 5H-615RR/HX	125.8	18.8	1	29164
Lewis 1013VT3	125.0	15.6	1	28043
G2 Genetics 1H-513HX/LL	124.8	17.4	1	29538
NuTech 5B-612GT/CB/LL	124.1	17.5	1	31034
Rainbow 3105YGCB	122.6	17.2	1	28416
FS 63MV4	122.1	18.0	1	29164
G2 Genetics 5H-515BRR/HX	121.5	18.3	1	27669
NuTech 5N-215AGT/CB/LL/RW	120.8	18.5	4	30660
G2 Genetics 5H-516	119.8	17.9	1	30660
NuTech 3C-115RR/YGCB	118.4	17.3	1	27295
G2 Genetics 5H-909RR/HX	117.4	18.5	1	28043
Taylor Exp 219270	112.4	14.8	1	27295
MFA Morcorn MC4125GT/CB/LL	111.2	18.2	1	29164
Pioneer 35K03	106.1	18.5	1	30286
Mersch.M1015A	103.6	20.6	1	30660
Gol.Har.H-9173-3000GT Brand	102.2	16.3	1	28790
G2 Genetics 5X-007RR/HXT	101.9	14.1	1	29538
G2 Genetics 5H-511ARR/HX	101.7	17.8	1	30660
G2 Genetics 5X-716RR/HXT	101.1	17.9	1	29912
Kruger K-1211RR	98.5	14.1	1	29912
Power Plus X5642	96.9	18.1	1	31034
Power Plus 7U17	96.1	19.2	1	28790
Power Plus 7D51	96.0	20.3	1	28416
G2 Genetics 5H-515RR/HX	95.8	18.9	1	29912
G2 Genetics 5X-515RR/HXT	95.5	19.5	1	29912
G2 Genetics 5H-511RR/HX	93.2	16.8	1	28043

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Power Plus X6Y12	85.8	18.3	1	29164
Stine M1011G-10	84.7	13.4	1	29164
G2 Genetics 5H-509RR/HX	84.5	17.2	1	30286
FS 60MV4	84.4	13.8	1	28790
G2 Genetics 5H-515ARR/HX	84.1	20.1	1	29538
Power Plus 6B52	83.7	17.9	1	29164
Garst 83S06-3000GT Brand	77.6	16.9	1	29538
G2 Genetics 3A-511RR	77.4	18.2	1	30660
G2 Genetics 5H-812RR/HXT	77.1	14.9	2	29538
NK N72Q-3000GT	74.6	13.6	1	27295
Pioneer 34R67	73.8	17.5	1	28416
G2 Genetics 5H-608RR/HX	53.5	9.0	1	30286
GRAND MEAN	137.0	16.8	1	29258
LSD (10%)	27.1	1.9		
CV (%)	14.7	8.4		

***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

SOIL TYPE: Westerville Silt Loam

SOIL TEST: pH=5.5, OM=2.2%, P=54 K=518

RAINFALL: May=6.0, June=8.5, July =9.7, August=3.4, Season Total=27.6

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-54(VT3)	196.6**	11.8	1	28416
Channel 213-32VT3 Brand	192.2*	11.8	1	28790
MFA Morcorn XP202VT3P	191.5*	11.6	1	31034
Producers 7414VT3	191.0*	11.4	2	31408
Channel 216-63VT3 Brand	185.6*	12.6	2	28416
Fontanelle 8T468	184.0*	11.9	2	31034
Channel 211-99VT3P Brand	182.0*	11.2	1	29538
G2 Genetics 1H-716HX/LL	181.7*	12.7	1	27295
Producers 7014VT3	181.6*	10.7	1	28790
G2 Genetics 5H-615RR/HX	181.3*	12.4	2	30660
Kruger K-6213VT3	180.9*	11.8	1	30286
Lewis 1014VT3P	179.0*	12.0	4	31782
MFA Morcorn MC4107VT3	178.9*	12.1	2	29538
Fontanelle 8V437	177.5*	8.7	1	29912
G2 Genetics 5X-909RR/HXT	176.2	12.5	1	29164
LG 2549VT3	175.6	10.9	1	31782
Dyna-Gro CX09512	175.5	11.3	1	27669
Dekalb DKC59-35(VT3)	175.2	11.5	2	28416
Fontanelle 8T478	175.0	11.9	1	30286
Producers XP7504VT3	175.0	11.3	2	29164
Midland 481PRW	174.8	12.1	1	29538
LG 2555VT3	174.1	11.4	3	28416
NuTech OC-213YGCB	174.0	11.8	3	30286
G2 Genetics 5H-712RR/HX	173.9	11.5	1	30660
G2 Genetics 5H-909RR/HX	173.6	13.1	2	27295
Dekalb DKC61-05(GENV3P)	172.6	12.5	2	29912
Gol.Har.H-8969-3000GT Brand	172.6	11.1	1	29912
Kruger K-6010VT3	172.0	11.4	2	29538
Kruger K-6411VT3	171.4	10.7	2	29164
FS 64JV3	171.2	12.2	1	27295
Producers 7624VT3	171.2	11.7	3	29912
Channel 209-77VT3 Brand	170.9	11.1	2	30660
Rainbow X1099GT3	170.9	12.1	2	28416
G2 Genetics 5H-511RR/HX	170.8	12.3	1	29912
Producers 7394VT3	170.8	11.6	2	30660
Lewis 1114VT3P	170.3	12.1	1	29538
G2 Genetics 5X-411ARR/HXT	169.7	12.7	2	29164
NK N68B-3000GT	169.1	11.6	1	29538
Lewis 910VT3	169.0	11.2	2	28416
AgriGold A6533VT3	168.9	11.6	2	29538

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
LG 2620VT3	168.5	11.5	3	29538
G2 Genetics 5H-210ARR/HX	168.4	11.5	1	28790
Dekalb DKC62-97(GENV3P)	167.6	11.3	1	28416
MFA Morcorn XP204VT3	167.1	12.7	1	29538
Kruger K-7614VT3P	166.9	12.0	1	30286
Stine M1011G-10	166.6	11.7	3	30286
NuTech 3T-713VT3	166.5	12.0	2	27295
Midland 361BRW	166.4	11.5	1	30660
NuTech 5N-215AGT/CB/LL/RW	166.4	12.4	1	29164
Midland 531BRW	166.0	11.6	1	29538
NuTech 5N-215GT/CB/LL/RW	165.9	13.0	1	29912
Pioneer 33T57	165.6	12.1	3	27295
Garst 84U58-3000GT Brand	165.4	11.6	2	31408
AgriGold A6476VT3	165.3	11.4	1	28790
Midland 779BRW	164.8	11.7	2	28790
Taylor Exp 219270	164.8	11.4	2	29912
Midland 641BLGW	164.4	11.6	2	28416
G2 Genetics 5H-812RR/HXT	164.1	12.3	2	29164
G2 Genetics 5X-411RR/HXT	164.1	12.5	2	27669
G2 Genetics 5X-716RR/HXT	163.8	12.9	2	27669
NuTech 5N-213+GT/CB/LL/RW	163.6	11.1	2	26921
AgriGold A6632VT3Pro	163.3	11.6	3	30660
AgriGold A6421STX	163.2	11.8	1	29912
AgriGold A6458VT3	162.4	11.0	1	29538
G2 Genetics 5H-511ARR/HX	162.4	12.4	3	28790
Lewis 1013VT3	162.2	10.7	1	30286
FS 63MV4	161.4	12.3	3	29538
NuTech 5N-813GT/CB/LL/RW	161.4	12.1	1	29538
Lewis 1110VT3	161.1	10.8	1	30286
G2 Genetics 1H-513HX/LL	160.9	11.5	3	29164
Pioneer P1395HR	160.8	12.6	1	28416
Channel 210-61VT3 Brand	160.7	11.7	2	28790
Mersch.M1015A	160.4	12.7	3	29912
NuTech 5B-612GT/CB/LL	160.1	11.5	3	28790
Rainbow 3158YGCB	159.8	12.5	2	28043
NuTech 3T-413VT3	159.7	11.3	2	28416
G2 Genetics 5H-210RR/HX	159.6	11.7	1	27669
NuTech 3T-315VT3	159.3	11.7	1	30660
Kruger K-6214VT3	158.8	10.9	1	29538
Lewis 1007VT3P	158.3	12.0	2	30660

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC63-84(VT3)	158.1	11.2	2	29538
Garst 84U96-3000GT Brand	158.1	12.3	2	28043
Mycogen 2H735	157.7	12.0	2	31034
Gol.Har.H-9377-GT/CB/LL Bra.	157.6	12.6	2	30660
Stine M-1109D-10	157.0	11.8	1	27669
Dyna-Gro 57V40	156.1	11.5	3	30660
Power Plus 6B52	156.1	12.1	2	28790
Midland 451GT	156.0	11.1	1	25799
FS 61BX1	155.8	11.4	1	29538
G2 Genetics 5H-607RR/HX	155.5	11.0	2	31034
Power Plus 7D51	154.8	12.7	1	29538
Garst 83S06-3000GT Brand	153.9	10.7	3	28043
Schillinger SXP111	153.7	11.3	3	28416
MFA Morcorn MC3918VT3P	153.6	12.1	3	30286
Power Plus X6Y12	153.5	12.0	2	30660
G2 Genetics 5H-314RR/HX	153.4	11.9	2	29164
Pioneer 35K03	152.8	12.7	2	28790
AgriGold A6553VT3	152.5	11.1	3	28043
NuTech 3U-113VT/RR2	152.2	12.0	2	28416
MFA Morcorn MC4125GT/CB/LL	151.5	12.0	2	30286
G2 Genetics 5X-515RR/HXT	150.3	11.8	3	29164
Midland 670BRW	149.4	11.7	2	31034
Rainbow 3105YGCB	149.4	11.7	2	31408
Mersch.M1111P-15	147.9	11.5	2	32529
Pioneer 34R67	147.0	12.4	1	30286
Kruger K-1211RR	146.6	12.2	3	29912
G2 Genetics 5H-608RR/HX	146.2	10.8	1	28043
NuTech 3C-115RR/YGCB	146.2	12.0	3	28043
G2 Genetics 5H-513RR/HX	146.1	11.7	5	28416
Lewis 1109VT3	145.8	11.5	4	28043
Mycogen 2V732	145.4	11.4	2	29538
Rainbow 3157	144.9	11.9	2	28416
G2 Genetics 5H-509RR/HX	143.8	12.3	2	28416
Mycogen 2T699	143.6	11.2	4	28790
NuTech 3C-413RR/YGCB	143.6	11.2	2	28416
Mycogen 2D775	143.3	12.7	1	29912
G2 Genetics 5H-515BRR/HX	142.4	12.2	4	29912
Power Plus X5642	141.1	12.4	1	30660
G2 Genetics 3A-511RR	140.1	12.1	2	27669
NK N72Q-3000GT	140.0	10.8	3	26547

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
G2 Genetics 5H-516	139.9	12.2	1	29164
FS 60MV4	139.7	11.5	2	28043
NuTech 3T-110VT3	139.5	11.3	3	30286
Taylor Exp 219350	139.0	11.8	3	27295
G2 Genetics 5H-007RR/HX	138.8	11.6	1	30286
Stine 9806VT3	133.3	12.7	3	29538
NK N71G-3000GT	132.9	11.3	2	30286
G2 Genetics 5H-515ARR/HX	132.1	12.0	4	29164
G2 Genetics 5H-515RR/HX	129.4	12.1	4	30286
Gol.Har.H-9173-3000GT Brand	129.3	10.6	3	28416
Power Plus 7U17	123.2	12.1	3	28790
G2 Genetics 5X-007RR/HXT	121.3	11.4	1	28790
GRAND MEAN	159.9	11.8	2	29312
LSD (10%)	20.2	0.8		
CV (%)	9.4	5.2		

***Highest yielding variety in test*

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

NORTH REGION SUMMARY

NON-IRRIGATED CORN TEST

Brand/Variety	Albany Bu/Ac	Mooreville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
Channel 213-32VT3 Brand	158.7*	172.9*	192.2*	174.6**
MFA Morcorn XP202VT3P	153.7*	175.4*	191.5*	173.5*
Producers 7414VT3	145.8*	163.3*	191.0*	166.7*
Dekalb DKC62-54(VT3)	137.3	164.8*	196.6**	166.2*
LG 2549VT3	164.3**	151.0	175.6	163.6*
FS 64JV3	151.9*	164.7*	171.2	162.6*
Kruger K-6213VT3	140.6	165.0*	180.9*	162.1*
Fontanelle 8T478	139.3	170.9*	175.0	161.7
Dekalb DKC62-97(GENVT3P)	141.8	170.7*	167.6	160.0
Lewis 1110VT3	143.1	175.5*	161.1	159.9
Producers XP7504VT3	137.5	167.3*	175.0	159.9
Channel 211-99VT3P Brand	148.7*	148.7	182.0*	159.8
AgriGold A6458VT3	146.7*	168.6*	162.4	159.2
Fontanelle 8T468	145.2*	148.4	184.0*	159.2
Producers 7014VT3	125.9	169.7*	181.6*	159.0
Midland 481PRW	121.9	178.9**	174.8	158.5
Producers 7394VT3	127.7	176.0*	170.8	158.1
Channel 216-63VT3 Brand	141.4	146.4	185.6*	157.8
Dekalb DKC61-05(GENVT3P)	143.9*	154.1*	172.6	156.8
Kruger K-6010VT3	150.3*	147.4	172.0	156.5
Gol.Har.H-8969-3000GT Brand	128.5	166.1*	172.6	155.7
Kruger K-6411VT3	139.9	155.6*	171.4	155.6
Lewis 1014VT3P	150.4*	136.8	179.0*	155.4
Channel 209-77VT3 Brand	139.0	156.0*	170.9	155.3
Lewis 910VT3	148.2*	148.6	169.0	155.2
Kruger K-7614VT3P	140.0	156.8*	166.9	154.5
Midland 531BRW	132.0	164.9*	166.0	154.3
Lewis 1114VT3P	148.0*	144.3	170.3	154.2
NK N68B-3000GT	130.7	160.9*	169.1	153.5
LG 2555VT3	142.4	143.8	174.1	153.4
Midland 641BLGW	144.8*	151.0	164.4	153.4
NuTech OC-213YGCB	144.8*	141.0	174.0	153.2
G2 Genetics 5H-615RR/HX	151.8*	125.8	181.3*	152.9
AgriGold A6553VT3	137.9	167.7*	152.5	152.7
G2 Genetics 1H-716HX/LL	136.9	139.7	181.7*	152.7
Lewis 1007VT3P	128.1	170.7*	158.3	152.3
Garst 84U58-3000GT Brand	133.5	156.9*	165.4	151.9
Channel 210-61VT3 Brand	143.0	151.2	160.7	151.6
Midland 451GT	133.5	164.6*	156.0	151.3
Dekalb DKC59-35(VT3)	139.2	139.3	175.2	151.2

NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Albany Bu/Ac	Mooreville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
MFA Morcorn XP204VT3	132.5	153.4*	167.1	151.0
AgriGold A6476VT3	143.8*	143.7	165.3	150.9
AgriGold A6632VT3Pro	132.5	157.1*	163.3	150.9
NuTech 5N-215GT/CB/LL/RW	132.2	153.5*	165.9	150.5
Fontanelle 8V437	126.3	147.4	177.5*	150.4
LG 2620VT3	138.3	144.6	168.5	150.4
G2 Genetics 5X-411RR/HXT	120.7	164.4*	164.1	149.7
Midland 361BRW	137.0	145.8	166.4	149.7
G2 Genetics 5H-712RR/HX	111.1	163.0*	173.9	149.3
Lewis 1109VT3	139.6	162.0*	145.8	149.1
AgriGold A6533VT3	144.6*	133.6	168.9	149.0
Pioneer P1395HR	138.2	146.2	160.8	148.4
Stine M-1109D-10	134.8	152.0*	157.0	147.9
Dekalb DKC63-84(VT3)	138.4	146.1	158.1	147.5
Gol.Har.H-9377-GT/CB/LL Bra.	135.9	148.9	157.6	147.4
Kruger K-6214VT3	151.2*	132.2	158.8	147.4
Stine 9806VT3	138.1	169.6*	133.3	147.0
Dyna-Gro 57V40	127.2	157.2*	156.1	146.8
Producers 7624VT3	126.8	141.6	171.2	146.5
Mycogen 2H735	133.8	147.5	157.7	146.3
NuTech 3T-713VT3	104.2	168.1*	166.5	146.2
G2 Genetics 5H-210ARR/HX	119.9	149.9	168.4	146.0
G2 Genetics 5H-210RR/HX	131.0	145.3	159.6	145.3
NuTech 5N-813GT/CB/LL/RW	137.2	134.3	161.4	144.3
NuTech 3T-315VT3	107.0	165.9*	159.3	144.0
Mycogen 2D775	124.4	163.5*	143.3	143.7
NuTech 3T-413VT3	119.7	151.4	159.7	143.6
Midland 670BRW	146.2*	135.0	149.4	143.5
G2 Genetics 1H-513HX/LL	143.0	124.8	160.9	142.9
Mersch.M1111P-15	134.7	143.8	147.9	142.1
Lewis 1013VT3	139.0	125.0	162.2	142.0
Mycogen 2V732	138.8	141.8	145.4	142.0
G2 Genetics 5X-411ARR/HXT	111.1	144.3	169.7	141.7
Rainbow 3158YGCB	134.8	129.2	159.8	141.2
G2 Genetics 5H-607RR/HX	140.8	126.6	155.5	140.9
Rainbow X1099GT3	87.0	164.5*	170.9	140.8
G2 Genetics 5H-909RR/HX	127.2	117.4	173.6	139.4
NuTech 3U-113VT/RR2	118.8	147.4	152.2	139.4
Pioneer 33T57	125.5	127.3	165.6	139.4
AgriGold A6421STX	114.0	140.6	163.2	139.2

NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Albany Bu/Ac	Mooreville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
G2 Genetics 5X-909RR/HXT	100.5	139.6	176.2	138.7
Dyna-Gro CX09512	103.0	135.8	175.5	138.1
MFA Morcorn MC4107VT3	103.2	131.5	178.9*	137.8
Taylor Exp 219350	129.3	144.2	139.0	137.5
Midland 779BRW	120.6	126.1	164.8	137.1
NuTech 5N-215AGT/CB/LL/RW	123.7	120.8	166.4	136.9
G2 Genetics 5H-513RR/HX	129.7	133.4	146.1	136.4
NuTech 5B-612GT/CB/LL	124.1	124.1	160.1	136.1
NuTech 3C-413RR/YGCB	133.0	130.5	143.6	135.7
FS 61BX1	94.8	155.0*	155.8	135.2
G2 Genetics 5H-314RR/HX	117.6	134.4	153.4	135.1
Garst 84U96-3000GT Brand	97.5	149.9	158.1	135.1
NuTech 3T-110VT3	126.0	139.7	139.5	135.0
Schillinger SXP111	120.1	128.5	153.7	134.1
NuTech 5N-213+GT/CB/LL/RW	97.9	139.6	163.6	133.7
Mycogen 2T699	119.6	136.2	143.6	133.1
FS 63MV4	115.6	122.1	161.4	133.0
G2 Genetics 5X-716RR/HXT	134.2	101.1	163.8	133.0
Mersch.M1015A	134.4	103.6	160.4	132.8
Rainbow 3157	123.6	128.3	144.9	132.2
G2 Genetics 5H-511RR/HX	131.3	93.2	170.8	131.7
Taylor Exp 219270	117.3	112.4	164.8	131.5
NuTech 3C-115RR/YGCB	128.1	118.4	146.2	130.9
G2 Genetics 5H-511ARR/HX	122.6	101.7	162.4	128.9
NK N71G-3000GT	114.5	136.9	132.9	128.1
G2 Genetics 5H-007RR/HX	117.2	127.0	138.8	127.6
Stine M1011G-10	131.5	84.7	166.6	127.6
MFA Morcorn MC3918VT3P	81.3	147.4	153.6	127.4
MFA Morcorn MC4125GT/CB/LL	118.0	111.2	151.5	126.9
G2 Genetics 5H-515BRR/HX	115.9	121.5	142.4	126.6
G2 Genetics 5X-515RR/HXT	130.4	95.5	150.3	125.4
Power Plus 7D51	118.2	96.0	154.8	123.0
Power Plus 6B52	128.5	83.7	156.1	122.7
Kruger K-1211RR	121.3	98.5	146.6	122.1
Gol.Har.H-9173-3000GT Brand	134.1	102.2	129.3	121.8
G2 Genetics 3A-511RR	147.1*	77.4	140.1	121.5
Power Plus 5G42	125.7	96.9	141.1	121.2
Pioneer 35K03	102.5	106.1	152.8	120.4
Garst 83S06-3000GT Brand	129.6	77.6	153.9	120.3
Rainbow 3105YGCB	89.1	122.6	149.4	120.3

NORTH REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Albany Bu/Ac	Mooresville Bu/Ac	LaGrange Bu/Ac	Mean Bu/Ac
G2 Genetics 5H-516	98.0	119.8	139.9	119.2
Power Plus X6Y12	117.7	85.8	153.5	119.0
G2 Genetics 5X-007RR/HXT	132.3	101.9	121.3	118.5
G2 Genetics 5H-509RR/HX	119.3	84.5	143.8	115.8
G2 Genetics 5H-812RR/HXT	106.4	77.1	164.1	115.8
Power Plus 7U17	127.3	96.1	123.2	115.5
G2 Genetics 5H-515ARR/HX	129.8	84.1	132.1	115.3
NK N72Q-3000GT	131.1	74.6	140.0	115.2
Pioneer 34R67	122.7	73.8	147.0	114.5
FS 60MV4	119.0	84.4	139.7	114.3
G2 Genetics 5H-515RR/HX	112.1	95.8	129.4	112.4
G2 Genetics 5H-608RR/HX	97.6	53.5	146.2	99.1
GRAND MEAN	129.2	137.0	159.9	142.0
LSD (10%)	20.9	27.1	20.2	12.8
CV (%)	12.0	14.7	9.4	11.6

***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 in the Central Region (Henrietta, Marshall, Columbia, Truxton, Annada). Two locations, Truxton and Annada, were replanted because of the poor stands that resulted from the first planting. The Henrietta location suffered significant stand loss when water from the Missouri River seeped into the field after planting. That location was abandoned because of the high variability of stand density.

The Irrigated Corn Test was conducted at locations (Columbia, Laddonia). The Laddonia location was replanted because of poor stands that resulted from the first planting.

Cultural practices vary slightly between locations and tests, but reflect those followed by farmers in the area.

Average temperature (May through August) = 72.5 degrees, 0.9 degrees above normal

Total precipitation (May through August) = 24.1", 7.9" above normal

Accumulated growing degree days (May through August) = 2879 days, 140 days above normal

CULTURAL PRACTICES: NON-IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P2O5	K2O		Pre	Post	
Henrietta	(abandoned; see text)								
Marshall	Jun 1	Oct 13	150	60	80	Notill	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G
Columbia	May 27	Oct 5	220	46	62	Notill	Dual II Magnum, Atrazine, Princep, Callisto	Callisto, Accent	Force 3G
Truxton	Jun 7	Oct 18	252	60	80	Min.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G
Annada	Jun 5	Oct 8	232	20	50	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force3G

CULTURAL PRACTICES: IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P2O5	K2O		Pre	Post	
Columbia	May 26	Oct 7	300	46	62	Notill	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Laddonia	Jun 5	Oct 11	270	60	40	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G

COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION

NON-IRRIGATED CORN TEST

SOIL TYPE: Mexico Silt Loam SOIL TEST: pH=6.1, OM=1.5%, P=58 K=296

RAINFALL: May=5.4, June=7.0, July =10.4, August=4.1, Season Total=26.9

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-97(GENV3P)	202.5**	16.7	1	25799
Channel 214-14VT3P Brand	201.5*	16.2	2	24677
G2 Genetics 1H-716HX/LL	199.9*	17.9	2	28416
FS 64JV3	191.0*	17.7	2	26921
AgriGold A6458VT3	190.2*	15.8	2	28043
MFA Morcorn MC3918VT3P	188.2*	15.9	2	26921
AgriGold A6553VT3	188.1*	17.0	2	28790
LG 2641VT3	187.2*	16.0	3	29164
Hoegemeyer HPT8505 HW/LL/RR	187.1*	17.8	3	25051
G2 Genetics 5H-210RR/HX	186.9*	16.2	2	25799
LG 2620VT3	186.8*	16.9	2	27669
Producers 7414VT3	186.8*	17.1	2	27669
Kruger K-6411VT3	185.7*	16.4	2	26547
Producers XP7504VT3	185.6*	16.4	2	27669
Dekalb DKC65-63(VT3)	184.2	16.3	3	24304
Hoegemeyer HPT8359 3000GT	183.5	16.2	1	25799
Pioneer 33T57	183.0	17.0	3	27669
Dekalb DKC63-84(VT3)	182.4	16.1	2	25425
MFA Morcorn MC4107VT3	182.2	15.8	2	26547
Channel 216-63VT3 Brand	181.6	18.7	1	29164
Kruger K-6010VT3	181.0	15.8	1	27669
Midland 481PRW	179.8	15.7	1	27295
Producers 7014VT3	178.2	15.2	1	26547
Lewis 1014VT3P	178.0	16.4	1	26547
NuTech 5N-215GT/CB/LL/RW	177.9	18.0	2	28790
Schillinger SXP114	177.8	17.8	1	27295
Dekalb DKC62-54(VT3)	177.3	15.4	2	26921
LG 2555VT3	177.3	16.7	3	29538
Garst 84U58-3000GT Brand	176.4	16.6	1	25425
Hoegemeyer HPT8691 HX/LL/RR	176.4	17.1	2	26547
Channel 209-77VT3 Brand	176.3	15.6	1	26547
MFA Morcorn XP202VT3P	175.7	17.3	1	25425
Power Plus 7D51	175.5	18.1	2	28043
Rainbow 3142YGCB	175.2	17.0	2	23182
Gol.Har.H-8969-3000GT Brand	174.9	15.9	2	26921
Midland 641BLGW	174.8	16.4	1	25051
Dekalb DKC64-69(GENV3P)	174.6	17.2	2	25799
Midland 670BRW	174.0	17.2	2	26173
Producers 7394VT3	174.0	16.7	3	27669
Lewis 1115VT3	173.7	18.5	2	27295

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
FS 65BV3	173.1	17.5	1	25425
G2 Genetics 5H-210ARR/HX	173.0	15.5	1	21686
Kruger K-6213VT3	172.5	16.4	2	29538
NuTech 5N-215AGT/CB/LL/RW	172.5	17.3	2	23556
NuTech 3U-113VT/RR2	172.3	17.3	2	28416
Channel 211-99VT3P Brand	171.4	16.0	1	25425
Lewis 910VT3	170.8	15.0	2	24304
FS 65U41	170.7	18.3	2	26547
AgriGold A6476VT3	170.1	15.9	2	23930
Mersch.M1111P-15	169.7	16.4	2	25425
Power Plus X6Y12	169.1	16.0	3	24304
Midland 779BRW	168.3	18.3	2	27295
Producers 7624VT3	168.3	17.7	1	21312
G2 Genetics 5H-513RR/HX	168.2	17.2	1	27669
Lewis 1111VT3P	167.8	16.5	2	23182
NK N68B-3000GT	167.6	15.7	2	23930
Pioneer 35K03	166.8	16.7	2	27669
AgriGold A6533VT3	166.3	16.4	3	28043
Mersch.M814B-10	166.2	16.5	2	27295
G2 Genetics 5X-411RR/HXT	166.0	16.0	1	25799
AgriGold A6421STX	165.8	16.1	2	28043
Pioneer P1395HR	165.2	16.9	1	25799
G2 Genetics 5X-411ARR/HXT	164.0	16.4	2	20565
Lewis 1013VT3	163.6	15.6	1	26547
Channel 208-72VT3 Brand	162.8	15.6	1	23930
NK N72Q-3000GT	162.7	16.2	4	25051
MFA Morcorn XP204VT3	162.0	17.2	1	24304
Hoegemeyer HPT8345 HX/LL/RR	161.6	17.4	3	26547
Kruger K-6214VT3	161.6	15.2	2	25425
Dyna-Gro 57V40	161.3	16.3	3	25799
Dekalb DKC61-05(GENVT3P)	160.7	17.3	1	23182
Power Plus 7U17	160.2	16.8	3	29164
AgriGold A6632VT3Pro	159.4	16.5	3	25799
Dyna-Gro 57V59	159.3	15.9	1	26547
Mycogen 2V732	159.1	15.8	1	23182
Garst 84U96-3000GT Brand	158.7	17.2	2	25051
Mycogen 2H735	158.6	16.5	2	26921
G2 Genetics 5H-515BRR/HX	158.1	16.9	1	26921
Channel 210-61VT3 Brand	157.1	16.3	2	23556
Kruger K-7614VT3P	157.1	16.8	1	23182

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 361BRW	157.1	15.4	2	26547
Midland 531BRW	156.1	16.1	2	27295
Hoegemeyer HPT8041 HX/LL/RR	155.0	16.5	3	28416
Garst 83S06-3000GT Brand	154.7	17.1	4	26173
FS 61BX1	154.6	15.3	3	28416
Kruger K-1211RR	154.3	15.5	2	27295
Power Plus 6B52	153.4	15.5	1	26547
Schillinger SXP111	153.2	15.0	2	24677
Mycogen 2A787	149.4	15.0	2	29164
G2 Genetics 5X-007RR/HXT	147.5	15.4	1	26921
Midland 451GT	147.1	15.3	2	19817
G2 Genetics 5H-511ARR/HX	143.7	15.8	1	24677
FS 66S21	141.7	19.6	3	28043
Pioneer 34R67	141.4	15.8	2	25051
Gol.Har.H-9173-3000GT Brand	140.7	21.1	3	26547
G2 Genetics 5H-515RR/HX	140.0	17.0	2	27295
G2 Genetics 5H-511RR/HX	139.9	15.7	3	23930
MFA Morcorn MC4125GT/CB/LL	138.4	16.9	3	26547
Stine 9806VT3	137.9	18.2	1	26547
Rainbow 3158YGCB	135.9	17.9	3	27669
NK N71G-3000GT	132.1	17.3	3	25425
G2 Genetics 5H-515ARR/HX	125.5	16.9	3	27295
Mycogen 2T826	113.6	18.3	2	26547
Gol.Har.H-9377-GT/CB/LL Bra.	103.0	19.9	2	26547
Stine M913C-10	99.4	17.2	2	28043
Mycogen 2D775	98.4	18.0	2	28043
GRAND MEAN	164.5	16.7	2	26212
LSD (10%)	18.1	1.4		
CV (%)	8.5	6.2		

***Highest yielding variety in test*

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

MARSHALL, MO (SALINE COUNTY) - CENTRAL REGION

NON-IRRIGATED CORN TEST

SOIL TYPE: Joy Silt Loam SOIL TEST: pH=5.9, OM=2.9%, P=114 K=480
 RAINFALL: May=7.2, June=5.0, July =6.3, August=3.7, Season Total=22.2

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6533VT3	191.4**	13.4	1	28043
Channel 216-63VT3 Brand	190.3*	14.3	1	28043
Producers 7394VT3	188.8*	14.1	1	25425
LG 2641VT3	185.1*	13.5	1	28790
Hoegemeyer HPT8505 HW/LL/RR	183.3*	14.6	1	25051
Mycogen 2T826	183.3*	14.7	1	26921
G2 Genetics 5X-411ARR/HXT	180.8*	14.5	1	26921
Producers 7624VT3	180.0*	14.4	1	26921
LG 2620VT3	178.9*	13.9	1	30286
Mycogen 2V732	177.2*	12.6	1	27295
AgriGold A6553VT3	176.7*	14.8	1	32155
Dekalb DKC64-69(GENVT3P)	176.4*	13.4	2	31034
MFA Morcorn MC4107VT3	174.9*	12.7	1	27295
Dekalb DKC65-63(VT3)	174.1*	13.6	1	28416
Pioneer P1395HR	173.6*	14.3	1	30286
FS 66S21	173.0*	15.8	2	26547
Midland 531BRW	172.6*	12.2	2	28043
Mycogen 2A787	172.4*	14.5	1	27669
Lewis 1014VT3P	171.5*	12.4	1	28043
Channel 211-99VT3P Brand	171.1*	13.9	1	25799
Midland 451GT	171.1*	13.0	1	28790
Kruger K-7614VT3P	171.0*	13.3	2	26921
Channel 214-14VT3P Brand	170.7*	13.6	1	30286
G2 Genetics 5H-210ARR/HX	170.0*	13.8	1	26173
Hoegemeyer HPT8691 HX/LL/RR	168.8*	14.4	1	26173
NuTech 5N-215AGT/CB/LL/RW	167.8*	14.6	1	28416
Dekalb DKC63-84(VT3)	167.4*	12.9	1	30286
Dekalb DKC62-54(VT3)	167.3*	12.8	1	27295
FS 65BV3	167.3*	15.0	2	31408
Midland 779BRW	166.9*	15.1	2	30286
Producers XP7504VT3	166.8*	13.8	1	24677
Stine 9806VT3	166.7*	14.9	1	30660
Kruger K-1211RR	166.6	12.8	1	31034
Power Plus 7D51	166.6	14.8	2	29164
NK N68B-3000GT	165.8	13.8	1	22808
FS 64JV3	165.7	14.3	1	30660
AgriGold A6458VT3	165.3	14.3	1	30660
NuTech 3U-113VT/RR2	165.0	13.1	1	29164
FS 61BX1	164.3	13.3	1	27295
MFA Morcorn MC3918VT3P	162.4	13.1	1	29164

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Kruger K-6213VT3	162.2	14.6	2	28043
Channel 210-61VT3 Brand	162.1	14.2	1	28790
Garst 84U58-3000GT Brand	161.4	12.9	2	25799
Dekalb DKC61-05(GENVT3P)	161.1	13.4	2	28790
Channel 208-72VT3 Brand	160.3	12.4	1	28416
Hoegemeyer HPT8359 3000GT	160.1	14.1	1	31408
Lewis 1115VT3	159.9	15.0	1	30286
G2 Genetics 1H-716HX/LL	159.6	13.6	1	28043
Gol.Har.H-9377-GT/CB/LL Bra.	159.4	15.0	1	28790
NuTech 5N-215GT/CB/LL/RW	159.3	14.3	1	31782
AgriGold A6632VT3Pro	159.2	14.5	2	29538
Producers 7014VT3	158.9	13.2	1	26173
Stine M913C-10	158.9	13.1	2	28790
Mycogen 2H735	157.5	13.4	1	28416
Midland 670BRW	157.3	13.8	1	27669
AgriGold A6421STX	156.9	12.8	1	27669
G2 Genetics 5H-511RR/HX	156.0	14.6	1	26173
Mersch.M1111P-15	155.8	11.9	1	29912
Dyna-Gro 57V59	155.2	12.9	1	30660
Kruger K-6411VT3	155.2	12.2	1	29164
MFA Morcorn XP204VT3	154.5	14.3	2	24304
FS 65U41	154.2	14.7	2	29912
Producers 7414VT3	153.8	14.9	3	28416
Rainbow 3158YGCB	153.8	14.5	1	25799
Dekalb DKC62-97(GENVT3P)	153.5	13.7	2	32155
Kruger K-6010VT3	153.4	13.4	1	29164
G2 Genetics 5H-515BRR/HX	153.2	13.8	1	29164
Pioneer 34R67	153.2	12.8	1	28416
Kruger K-6214VT3	152.3	12.5	1	25799
Pioneer 35K03	152.2	13.5	1	28790
Power Plus 6B52	152.2	13.6	1	26547
Channel 209-77VT3 Brand	152.0	13.8	2	26921
G2 Genetics 5H-511ARR/HX	151.2	13.7	2	29912
G2 Genetics 5X-411RR/HXT	151.1	13.9	1	22434
Lewis 910VT3	151.1	12.8	2	28416
Gol.Har.H-8969-3000GT Brand	150.8	12.4	2	28043
LG 2555VT3	150.8	13.7	2	27295
Dyna-Gro 57V40	150.1	13.2	1	29164
Pioneer 33T57	150.0	14.1	1	31408
Rainbow 3142YGCB	149.3	15.3	1	31034

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Power Plus 7U17	149.2	13.9	2	26547
G2 Genetics 5H-210RR/HX	149.1	12.8	1	29538
Mycogen 2D775	148.8	14.1	1	32529
Midland 361BRW	148.4	11.8	1	25051
Power Plus X6Y12	148.3	13.7	2	31782
MFA Morcorn XP202VT3P	148.1	14.8	2	25425
Hoegemeyer HPT8041 HX/LL/RR	147.3	13.4	1	28416
Gol.Har.H-9173-3000GT Brand	147.0	13.7	2	25425
Midland 641BLGW	146.9	12.6	1	27295
NK N71G-3000GT	146.0	13.5	4	30286
Garst 84U96-3000GT Brand	144.7	14.2	1	30660
Schillinger SXP114	143.1	14.7	1	26173
Mersch.M814B-10	142.8	13.1	1	26921
G2 Genetics 5H-515ARR/HX	142.6	14.6	1	25051
Lewis 1111VT3P	142.6	13.5	1	28416
Lewis 1013VT3	142.3	11.9	1	28790
G2 Genetics 5X-007RR/HXT	142.0	13.0	1	28416
G2 Genetics 5H-513RR/HX	141.6	13.9	1	22808
Garst 83S06-3000GT Brand	141.3	14.0	2	29164
AgriGold A6476VT3	140.3	13.6	1	24304
G2 Genetics 5H-515RR/HX	140.1	14.9	1	29912
NK N72Q-3000GT	140.1	12.8	1	30660
Hoegemeyer HPT8345 HX/LL/RR	139.7	12.6	1	25425
MFA Morcorn MC4125GT/CB/LL	138.6	14.2	2	25425
Midland 481PRW	129.8	14.4	1	26547
Schillinger SXP111	113.7	12.9	1	26173
GRAND MEAN	158.6	13.7	1	28159
LSD (10%)	24.7	1.4		
CV (%)	12.0	7.4		

***Highest yielding variety in test*

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

TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION

NON-IRRIGATED CORN TEST

SOIL TYPE: Mexico Silt Loam SOIL TEST: pH=5.2, OM=2.2%, P=94 K=226

RAINFALL: May=5.5, June=5.3, July =6.5, August=3.0, Season Total=20.3

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 211-99VT3P Brand	192.8**	13.1	1	31408
Dekalb DKC62-97(GENVT3P)	192.4*	14.1	2	31408
Producers 7414VT3	192.1*	14.3	1	31782
Channel 216-63VT3 Brand	192.0*	17.1	2	30286
Pioneer P1395HR	190.8*	15.0	2	31034
FS 64JV3	189.9*	15.2	1	30660
AgriGold A6533VT3	189.0*	13.5	3	31034
Lewis 1115VT3	188.6*	17.0	1	29912
Channel 214-14VT3P Brand	187.7*	13.2	2	31782
Producers 7394VT3	186.0*	13.6	1	31782
LG 2641VT3	185.6*	14.1	2	32903
AgriGold A6553VT3	185.3*	13.2	3	29912
Dekalb DKC61-05(GENVT3P)	184.0*	14.9	2	30286
Midland 641BLGW	182.4*	14.1	1	29912
MFA Morcom XP202VT3P	181.5*	13.8	1	29912
Producers 7014VT3	181.4*	12.9	2	31408
MFA Morcom MC4107VT3	181.2*	13.7	1	31408
Producers XP7504VT3	181.0*	13.8	1	30660
Lewis 1014VT3P	180.9*	14.2	1	32155
Dekalb DKC63-84(VT3)	179.8*	12.3	1	30660
Midland 481PRW	179.8*	14.0	1	31408
LG 2620VT3	179.5*	13.2	2	32155
Hoegemeyer HPT8359 3000GT	179.4*	14.4	2	31782
AgriGold A6632VT3Pro	179.1*	13.9	2	31034
Mycogen 2T826	178.5*	15.0	4	31408
Hoegemeyer HPT8691 HX/LL/RR	178.3	15.3	1	31782
Dekalb DKC64-69(GENVT3P)	177.6	14.1	2	29912
G2 Genetics 1H-716HX/LL	176.7	16.0	1	29912
MFA Morcom MC3918VT3P	176.5	13.4	2	31408
Stine 9806VT3	176.0	15.1	2	31034
Channel 208-72VT3 Brand	175.8	12.9	2	31782
Mycogen 2A787	175.4	13.6	2	31408
FS 65U41	175.2	15.6	1	31408
FS 65BV3	175.1	13.8	2	29912
Mycogen 2D775	174.7	15.1	1	32529
LG 2555VT3	174.6	13.0	3	29912
Schillinger SXP114	174.4	15.4	1	31408
FS 61BX1	174.0	12.4	1	31034
Lewis 1111VT3P	173.4	13.5	1	31782
Channel 209-77VT3 Brand	173.3	12.5	1	31782

TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mersch.M1111P-15	172.7	12.9	1	32529
Dyna-Gro 57V40	172.5	12.8	2	31782
Kruger K-6213VT3	172.5	14.4	1	30660
Mycogen 2V732	172.5	13.2	1	31408
Dekalb DKC62-54(VT3)	172.3	14.1	1	30286
Pioneer 34R67	172.3	14.3	3	29912
Midland 779BRW	172.2	14.6	2	31782
MFA Morcorn MC4125GT/CB/LL	171.1	14.4	1	30660
Lewis 910VT3	170.6	12.7	1	31782
Kruger K-7614VT3P	170.3	13.2	3	31782
Power Plus X6Y12	170.3	14.1	3	30660
Pioneer 35K03	170.1	14.4	2	26547
Hoegemeyer HPT8345 HX/LL/RR	169.4	15.4	2	32529
Dyna-Gro 57V59	169.0	13.3	1	31408
G2 Genetics 5H-210ARR/HX	169.0	13.5	1	29538
Garst 84U58-3000GT Brand	168.8	12.5	1	30286
Producers 7624VT3	168.5	14.3	2	31782
Pioneer 33T57	168.3	14.0	3	30660
Hoegemeyer HPT8505 HW/LL/RR	167.7	15.8	2	31782
AgriGold A6476VT3	167.2	13.6	1	29164
Dekalb DKC65-63(VT3)	167.0	14.4	2	32155
G2 Genetics 5H-511RR/HX	167.0	14.7	3	31034
Schillinger SXP111	166.7	13.9	1	31782
G2 Genetics 5H-210RR/HX	166.6	14.0	1	29912
G2 Genetics 5H-511ARR/HX	166.5	13.9	3	29912
Power Plus 7D51	165.8	15.5	1	27669
AgriGold A6421STX	165.5	13.0	1	31034
Midland 670BRW	165.1	13.8	2	31408
Channel 210-61VT3 Brand	164.2	14.3	1	31034
Midland 531BRW	163.9	12.6	1	31782
NK N68B-3000GT	163.9	12.7	1	30286
Lewis 1013VT3	163.8	12.8	1	32155
NuTech 5N-215GT/CB/LL/RW	162.8	16.0	1	31408
Kruger K-6214VT3	162.2	13.3	2	30660
FS 66S21	161.8	17.6	3	30286
Mersch.M814B-10	161.8	14.2	2	31408
G2 Genetics 5X-007RR/HXT	161.5	12.7	1	31408
Gol.Har.H-8969-3000GT Brand	161.3	12.6	2	30286
G2 Genetics 5H-515BRR/HX	161.2	15.2	2	31408
MFA Morcorn XP204VT3	161.2	16.1	1	29912

TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION NON-IRRIGATED CORN TEST

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Hoegemeyer HPT8041 HX/LL/RR	161.0	14.1	2	30660
Power Plus 7U17	160.9	15.8	3	28790
Garst 84U96-3000GT Brand	160.4	14.6	1	31408
G2 Genetics 5X-411RR/HXT	160.1	14.1	1	28043
G2 Genetics 5H-515RR/HX	159.8	16.1	3	31782
AgriGold A6458VT3	158.5	13.8	3	31034
Kruger K-6411VT3	158.4	11.9	3	31782
G2 Genetics 5H-515ARR/HX	158.0	15.7	2	31782
Kruger K-6010VT3	157.1	13.3	1	32155
Midland 361BRW	156.8	12.3	1	31408
Rainbow 3142YGCB	156.7	14.2	3	31782
G2 Genetics 5X-411ARR/HXT	156.3	14.1	1	27295
Rainbow 3158YGCB	156.0	15.3	3	31408
Power Plus 6B52	155.3	14.7	4	29912
Mycogen 2H735	154.4	13.3	2	29912
NuTech 5N-215AGT/CB/LL/RW	154.2	15.3	2	31782
NuTech 3U-113VT/RR2	153.8	13.2	3	31782
Midland 451GT	151.1	12.4	2	31034
Kruger K-1211RR	148.4	13.7	3	30660
Gol.Har.H-9173-3000GT Brand	145.7	14.1	4	28416
G2 Genetics 5H-513RR/HX	144.2	16.3	2	31034
Stine M913C-10	141.9	14.4	3	31034
Garst 83S06-3000GT Brand	127.7	14.1	5	30660
Gol.Har.H-9377-GT/CB/LL Bra.	124.8	16.7	5	32529
NK N72Q-3000GT	103.3	13.9	5	30660
NK N71G-3000GT	101.8	15.8	5	30660
GRAND MEAN	167.1	14.1	2	30928
LSD (10%)	14.1	0.7		
CV (%)	6.5	3.5		

***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

SOIL TYPE: Tice Silt Loam

SOIL TEST: pH=5.2, OM=2.5%, P=36 K=200

RAINFALL: May=4.4, June=7.0, July =8.6, August=4.0, Season Total=24.0

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 1115VT3	208.8**	17.3	1	30286
Channel 216-63VT3 Brand	205.9*	16.9	1	32529
Producers 7394VT3	203.2*	13.4	1	31034
FS 65BV3	202.5*	15.1	1	31782
FS 64JV3	201.0*	15.5	1	31034
Dekalb DKC64-69(GENVT3P)	200.9*	14.5	1	32155
Producers 7014VT3	200.9*	13.4	1	31782
AgriGold A6553VT3	200.7*	14.4	1	31782
Producers 7414VT3	199.8*	14.7	1	32155
Channel 211-99VT3P Brand	199.3*	13.2	1	31408
Lewis 1013VT3	198.7*	13.5	1	31782
Dekalb DKC62-97(GENVT3P)	198.2*	13.2	1	31782
AgriGold A6458VT3	196.9*	13.9	1	31408
Power Plus 7D51	196.4*	16.5	1	31034
Kruger K-6213VT3	195.8*	14.7	1	31782
Midland 779BRW	195.7*	14.6	1	30286
Producers 7624VT3	195.2*	14.6	1	31782
Dekalb DKC62-54(VT3)	194.3*	14.1	1	33277
Producers XP7504VT3	194.2*	13.6	1	30286
Channel 209-77VT3 Brand	194.0*	13.3	1	31782
NuTech 5N-215GT/CB/LL/RW	194.0*	16.8	1	31408
AgriGold A6632VT3Pro	193.7*	14.5	2	30660
Lewis 1014VT3P	192.9*	14.6	1	32903
FS 65U41	191.6*	17.4	1	29912
LG 2641VT3	191.0*	14.5	1	31782
MFA Morcom XP202VT3P	189.8*	13.8	1	31034
Hoegemeyer HPT8505 HW/LL/RR	189.1*	17.1	1	32155
Dekalb DKC65-63(VT3)	189.0*	14.8	1	30660
NuTech 5N-215AGT/CB/LL/RW	187.6*	15.5	1	31408
AgriGold A6476VT3	187.5*	15.9	1	30286
Schillinger SXP114	187.4*	16.7	1	31782
Mycogen 2A787	186.9*	15.2	1	29538
Hoegemeyer HPT8359 3000GT	186.2*	13.8	1	31034
G2 Genetics 1H-716HX/LL	185.5	16.2	1	28790
MFA Morcom MC4107VT3	185.0	13.6	1	30660
Rainbow 3158YGCB	185.0	15.3	1	28043
Mersch.M814B-10	184.5	15.2	1	31408
Midland 481PRW	184.1	13.9	1	32155
Lewis 910VT3	183.8	12.9	1	30660
Dekalb DKC63-84(VT3)	183.1	13.3	1	30660

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Pioneer P1395HR	182.8	16.0	2	31034
Kruger K-6214VT3	182.5	13.3	2	31408
Stine 9806VT3	182.2	16.2	1	30286
LG 2620VT3	182.1	13.1	1	32155
Hoegemeyer HPT8345 HX/LL/RR	182.0	14.8	1	30660
Pioneer 34R67	181.5	15.0	2	29164
AgriGold A6533VT3	181.0	14.0	1	31782
Mersch.M1111P-15	181.0	12.9	1	32155
MFA Morcorn MC3918VT3P	180.5	13.6	1	31782
Gol.Har.H-9377-GT/CB/LL Bra.	180.1	17.2	4	32529
Dyna-Gro 57V59	179.3	13.3	1	30660
G2 Genetics 5H-513RR/HX	177.3	15.6	1	30286
G2 Genetics 5H-210RR/HX	176.9	13.2	1	30286
Kruger K-6010VT3	176.9	13.8	1	31408
MFA Morcorn XP204VT3	176.8	17.0	1	30660
MFA Morcorn MC4125GT/CB/LL	176.2	15.4	3	30286
Midland 670BRW	175.6	14.4	1	29538
Schillinger SXP111	175.5	12.9	1	32155
Channel 214-14VT3P Brand	175.1	15.0	1	31782
Kruger K-7614VT3P	174.5	14.3	2	33277
Rainbow 3142YGCB	174.0	14.9	1	31408
Midland 641BLGW	173.9	13.9	1	32155
G2 Genetics 5H-210ARR/HX	173.6	13.3	1	29912
Mycogen 2H735	173.0	14.1	1	32903
Pioneer 35K03	172.7	15.8	1	29912
Lewis 1111VT3P	172.5	15.0	1	32155
Channel 208-72VT3 Brand	172.3	13.2	1	31782
Hoegemeyer HPT8691 HX/LL/RR	172.1	14.3	1	31782
Midland 531BRW	170.8	12.8	1	32903
Channel 210-61VT3 Brand	170.3	14.3	1	30286
Mycogen 2V732	170.2	13.5	1	31408
Stine M913C-10	169.2	14.1	3	33277
NK N68B-3000GT	167.9	13.0	1	30660
FS 61BX1	167.1	12.6	1	31034
Dekalb DKC61-05(GENVT3P)	167.0	15.8	2	29912
Dyna-Gro 57V40	166.3	13.2	1	31034
G2 Genetics 5X-411RR/HXT	166.3	14.8	1	26547
Kruger K-6411VT3	165.5	13.0	1	30286
G2 Genetics 5H-511RR/HX	165.2	16.1	1	29912
Garst 84U58-3000GT Brand	165.2	12.6	1	30660

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Midland 451GT	165.2	12.8	1	29912
AgriGold A6421STX	164.3	13.5	2	30660
Hoegemeyer HPT8041 HX/LL/RR	163.9	14.4	2	31034
G2 Genetics 5H-511ARR/HX	163.2	15.7	1	31034
Gol.Har.H-8969-3000GT Brand	163.1	13.1	1	30660
G2 Genetics 5X-007RR/HXT	162.0	13.2	1	31782
Pioneer 33T57	161.0	15.0	1	30660
G2 Genetics 5X-411ARR/HXT	160.4	15.8	1	24677
G2 Genetics 5H-515BRR/HX	159.3	16.4	2	31034
Power Plus X6Y12	154.8	14.9	1	31408
Mycogen 2D775	154.0	14.2	1	31034
Kruger K-1211RR	152.0	14.3	3	30286
Gol.Har.H-9173-3000GT Brand	151.9	14.4	3	32529
Power Plus 7U17	149.2	16.1	3	31034
Garst 84U96-3000GT Brand	145.7	14.4	2	30286
G2 Genetics 5H-515ARR/HX	145.4	15.7	3	30286
LG 2555VT3	144.6	13.8	3	31034
Power Plus 6B52	143.8	16.1	2	31034
G2 Genetics 5H-515RR/HX	142.8	16.1	3	30660
Midland 361BRW	142.4	12.8	1	30660
NuTech 3U-113VT/RR2	141.3	13.5	2	32529
Mycogen 2T826	130.0	13.8	1	31408
Garst 83S06-3000GT Brand	119.0	14.0	4	30286
FS 66S21	115.6	18.3	4	30660
NK N72Q-3000GT	103.5	13.6	3	31034
NK N71G-3000GT	99.6	12.7	4	31408
GRAND MEAN	174.3	14.5	1	31041
LSD (10%)	23.1	1.2		
CV (%)	9.8	6.0		

***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	Annada Bu/Ac	Columbia Bu/Ac	Marshall Bu/Ac	Truxton Bu/Ac	Mean Bu/Ac
Channel 216-63VT3 Brand	205.9*	181.6	190.3*	192.0*	192.4**
Producers 7394VT3	203.2*	174.0	188.8*	186.0	188.0*
AgriGold A6553VT3	200.7*	188.1*	176.7*	185.3*	187.7*
LG 2641VT3	191.0*	187.2*	185.1*	185.6*	187.2*
FS 64JV3	201.0*	191.0*	165.7	189.9*	186.9*
Dekalb DKC62-97(GENVT3P)	198.2*	202.5**	153.5	192.4*	186.6*
Channel 214-14VT3P Brand	175.1	201.5**	170.7*	187.7*	183.7*
Channel 211-99VT3P Brand	199.3*	171.4	171.1*	192.8**	183.6*
Producers 7414VT3	199.8*	186.8*	153.8	192.1*	183.1*
Lewis 1115VT3	208.8**	173.7	159.9	188.6*	182.7*
Dekalb DKC64-69(GENVT3P)	200.9*	174.6	176.4*	177.6	182.3*
AgriGold A6533VT3	181.0	166.3	191.4**	189.0*	181.9
Producers XP7504VT3	194.2*	185.6*	166.8*	181.0*	181.9
Hoegemeyer HPT8505 HW/LL/RR	189.1*	187.1*	183.3*	167.7	181.8
LG 2620VT3	182.1	186.8*	178.9*	179.5*	181.8
Lewis 1014VT3P	192.9*	178.0	171.5*	180.9*	180.8
MFA Morcom MC4107VT3	185.0	182.2	174.9*	181.2*	180.8
G2 Genetics 1H-716HX/LL	185.5	199.9*	159.6	176.7	180.4
Producers 7014VT3	200.9*	178.2	158.9	181.4*	179.8
FS 65BV3	202.5*	173.1	167.3*	175.1	179.5
Dekalb DKC65-63(VT3)	189.0*	184.2	174.1*	167.0	178.5
Dekalb DKC63-84(VT3)	183.1	182.4	167.4*	179.8*	178.1
Pioneer P1295HR	182.8	165.2	173.6*	190.8*	178.1
Producers 7624VT3	195.2*	168.3	180.0*	168.5	178.0
Dekalb DKC62-54(VT3)	194.3*	177.3	167.3*	172.3	177.8
AgriGold A6458VT3	196.9*	190.2*	165.3	158.5	177.7
Hoegemeyer HPT8359 3000GT	186.2*	183.5	160.1	179.4*	177.3
MFA Morcom MC3918VT3P	180.5	188.2*	162.4	176.5	176.9
Power Plus 7D51	196.4*	175.5	166.6	165.8	176.0
Kruger K-6213VT3	195.8*	172.5	162.2	172.5	175.7
Midland 779BRW	195.7*	168.3	166.9*	172.2	175.7
Channel 209-77VT3 Brand	194.0*	176.3	152.0	173.3	173.9
Hoegemeyer HPT8691 HX/LL/RR	172.1	176.4	168.8*	178.3	173.9
MFA Morcom XP202VT3P	189.8*	175.7	148.1	181.5*	173.7
NuTech 5N-215GT/CB/LL/RW	194.0*	177.9	159.3	162.8	173.5
FS 65U41	191.6*	170.7	154.2	175.2	172.9
AgriGold A6632VT3Pro	193.7*	159.4	159.2	179.1*	172.8
G2 Genetics 5H-210ARR/HX	173.6	173.0	170.0*	169.0	171.4
Mycogen 2A787	186.9*	149.4	172.4*	175.4	171.0
Schillinger SXP114	187.4*	177.8	143.1	174.4	170.6

CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Annada Bu/Ac	Columbia Bu/Ac	Laddonia Bu/Ac	Truxton Bu/Ac	Mean Bu/Ac
NuTech 5N-215AGT/CB/LL/RW	187.6*	172.5	167.8*	154.2	170.5
G2 Genetics 5H-210RR/HX	176.9	186.9*	149.1	166.6	169.8
Mersch.M1111P-15	181.0	169.7	155.8	172.7	169.8
Mycogen 2V732	170.2	159.1	177.2*	172.5	169.7
Midland 641BLGW	173.9	174.8	146.9	182.4*	169.5
Lewis 910VT3	183.8	170.8	151.1	170.6	169.0
Midland 481PRW	184.1	179.8	129.8	179.8*	168.3
Dekalb DKC61-05(GENVT3P)	167.0	160.7	161.1	184.0*	168.2
Kruger K-7614VT3P	174.5	157.1	171.0*	170.3	168.2
Midland 670BRW	175.6	174.0	157.3	165.1	168.0
Garst 84U58-3000GT Brand	165.2	176.4	161.4	168.8	167.9
Channel 208-72VT3 Brand	172.3	162.8	160.3	175.8	167.8
Kruger K-6010VT3	176.9	181.0	153.4	157.1	167.1
Lewis 1013VT3	198.7*	163.6	142.3	163.8	167.1
NK N68B-3000GT	167.9	167.6	165.8	163.9	166.3
AgriGold A6476VT3	187.5*	170.1	140.3	167.2	166.2
Kruger K-6411VT3	165.5	185.7*	155.2	158.4	166.2
Midland 531BRW	170.8	156.1	172.6*	163.9	165.8
Dyna-Gro 57V59	179.3	159.3	155.2	169.0	165.7
Stine 9806VT3	182.2	137.9	166.7	176.0	165.7
Pioneer 33T57	161.0	183.0	150.0	168.3	165.5
Pioneer 35K03	172.7	166.8	152.2	170.1	165.4
G2 Genetics 5X-411ARR/HXT	160.4	164.0	180.8*	156.3	165.3
FS 61BX1	167.1	154.6	164.3	174.0	165.0
Kruger K-6214VT3	182.5	161.6	152.3	162.2	164.6
Lewis 1111VT3P	172.5	167.8	142.6	173.4	164.0
Mersch.M814B-10	184.5	166.2	142.8	161.8	163.8
Rainbow 3142YGCB	174.0	175.2	149.3	156.7	163.8
MFA Morcorn XP204VT3	176.8	162.0	154.5	161.2	163.6
Channel 210-61VT3 Brand	170.3	157.1	162.1	164.2	163.4
AgriGold A6421STX	164.3	165.8	156.9	165.5	163.1
Hoegemeyer HPT8345 HX/LL/RR	182.0	161.6	139.7	169.4	163.1
Dyna-Gro 57V40	166.3	161.3	150.1	172.5	162.5
Gol.Har.H-8969-3000GT Brand	163.1	174.9	150.8	161.3	162.5
Pioneer 34R67	181.5	141.4	153.2	172.3	162.1
LG 2555VT3	144.6	177.3	150.8	174.6	161.8
G2 Genetics 5X-411RR/HXT	166.3	166.0	151.1	160.1	160.8
Mycogen 2H735	173.0	158.6	157.5	154.4	160.8
Power Plus X6Y12	154.8	169.1	148.3	170.3	160.6
Midland 451GT	165.2	147.1	171.1*	151.1	158.6

CENTRAL REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Annada Bu/Ac	Columbia Bu/Ac	Laddonia Bu/Ac	Truxton Bu/Ac	Mean Bu/Ac
NuTech 3U-113VT/RR2	141.3	172.3	165.0	153.8	158.1
G2 Genetics 5H-515BRR/HX	159.3	158.1	153.2	161.2	157.9
G2 Genetics 5H-513RR/HX	177.3	168.2	141.6	144.2	157.8
Rainbow 3158YGCB	185.0	135.9	153.8	156.0	157.6
G2 Genetics 5H-511RR/HX	165.2	139.9	156.0	167.0	157.0
Hoegemeyer HPT8041 HX/LL/RR	163.9	155.0	147.3	161.0	156.8
G2 Genetics 5H-511ARR/HX	163.2	143.7	151.2	166.5	156.1
MFA Morcorn MC4125GT/CB/LL	176.2	138.4	138.6	171.1	156.0
Kruger K-1211RR	152.0	154.3	166.6	148.4	155.3
Power Plus 7U17	149.2	160.2	149.2	160.9	154.8
G2 Genetics 5X-007RR/HXT	162.0	147.5	142.0	161.5	153.2
Garst 84U96-3000GT Brand	145.7	158.7	144.7	160.4	152.3
Schillinger SXP111	175.5	153.2	113.7	166.7	152.2
Mycogen 2T826	130.0	113.6	183.3*	178.5*	151.3
Midland 361BRW	142.4	157.1	148.4	156.8	151.1
Power Plus 6B52	143.8	153.4	152.2	155.3	151.1
FS 66S21	115.6	141.7	173.0*	161.8	148.0
Gol.Har.H-9173-3000GT Brand	151.9	140.7	147.0	145.7	146.3
Mycogen 2D775	154.0	98.4	148.8	174.7	143.9
G2 Genetics 5H-515ARR/HX	145.4	125.5	142.6	158.0	142.8
Stine M913C-10	169.2	99.4	158.9	141.9	142.3
Gol.Har.H-9377-GT/CB/LL Bra.	180.1	103.0	159.4	124.8	141.8
Garst 83S06-3000GT Brand	119.0	154.7	141.3	127.7	135.6
NK N72Q-3000GT	103.5	162.7	140.1	103.3	127.4
NK N71G-3000GT	99.6	132.1	146.0	101.8	119.8
GRAND MEAN	174.3	164.5	158.6	167.1	166.1
LSD (10%)	23.1	18.1	24.6	14.1	10.2
CV (%)	9.8	8.5	12.0	6.5	9.1

***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

SOIL TYPE: Mexico Silt Loam

SOIL TEST: pH=5.9, OM=2.0%, P=56 K=362

RAINFALL: May=5.4, June=7.0, July =10.4, August=4.1, Season Total=26.9

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-97(GENV3P)	194.4**	17.0	1	31034
Dekalb DKC62-63(GENV3P)	189.7*	17.6	1	31408
AgriGold A6458VT3	187.6*	15.2	1	30660
Kruger K-1211RR	183.9*	16.3	1	29164
Dekalb DKC63-84(VT3)	183.3*	14.3	1	26921
Channel 213-32VT3 Brand	181.2*	20.3	1	28790
Mycogen 2V732	180.7*	16.2	1	27295
Midland 641BLGW	178.3*	17.8	1	30660
Dekalb DKC61-05(GENV3P)	178.2*	18.9	2	28416
Producers 7414VT3	178.0*	17.7	3	32529
Kruger K-6411VT3	174.9*	15.4	1	31408
Lewis 910VT3	174.7*	16.4	1	31408
Pioneer P1395HR	172.7*	18.8	1	30286
AgriGold A6533VT3	171.3*	17.4	1	28416
Rainbow 3142YGCB	171.1*	17.7	2	27669
Midland 451GT	168.6*	15.1	1	30660
Hoegemeyer HPT8041 HX/LL/RR	168.3*	17.8	2	31408
AgriGold A6553VT3	168.2*	18.2	1	32529
Kruger K-6214VT3	167.3*	15.8	1	28790
Lewis 1014VT3P	164.1*	17.1	1	31782
Dekalb DKC64-69(GENV3P)	164.0*	18.5	1	26921
Pioneer 32D79	163.2*	20.5	2	32155
Producers 7394VT3	162.7*	15.4	3	29164
Pioneer 33D49	161.8	20.8	2	31782
Producers 7014VT3	160.7	15.4	1	28043
Dekalb DKC65-63(VT3)	158.8	18.9	1	32903
Kruger K-6116VT3	158.5	16.1	1	29164
USA 1107VT3	158.2	18.1	1	29164
Midland 779BRW	156.6	20.1	1	33277
Channel 216-63VT3 Brand	155.5	22.2	1	31782
Kruger K-6213VT3	154.8	17.9	2	29538
Kruger K-7614VT3P	152.6	17.4	1	30660
Midland 531BRW	150.4	16.1	2	29912
Rainbow X1099GT3	150.4	17.6	1	28416
Mycogen 2A787	149.7	19.0	1	30286
Producers 7624VT3	148.1	19.1	2	31034
Midland 361BRW	147.9	14.8	1	25051
Midland 481PRW	141.9	16.5	2	32529
Kruger K-6010VT3	141.0	16.3	1	27295
Mycogen 2H735	137.4	20.4	1	28416

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Producers XP7504VT3	136.9	17.8	2	29912
Rainbow 3105YGCB	133.3	20.4	2	29538
Rainbow 3157	131.4	21.1	2	28416
USA 1139	128.0	21.2	2	33651
Hoegemeyer HPT8505 HW/LL/RR	123.3	21.4	3	29164
Mycogen 2D775	104.9	20.7	1	31782
Mycogen 2T826	92.6	21.5	3	29912
Taylor Exp 219700	70.4	22.2	2	30286
GRAND MEAN	156.4	18.0	2	30029
LSD (10%)	32.4	1.5		
CV (%)	15.2	6.0		

***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

SOIL TYPE: Mexico Silt Loam

SOIL TEST: pH=6.0, OM=2.0%, P=56 K=246

RAINFALL: May=5.3, June=5.0., July =10.0, August=2.6, Season Total=22.9

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6458VT3	156.0**	17.4	1	26921
Dekalb DKC62-97(GENVT3P)	155.6*	19.9	1	NA
AgriGold A6553VT3	151.4*	18.4	2	28043
Channel 216-63VT3 Brand	151.4*	20.4	1	30660
Pioneer 32D79	149.9*	20.6	1	29912
USA 1139	149.6*	16.1	1	31408
Channel 213-32VT3 Brand	149.1*	20.1	1	29912
Kruger K-6213VT3	148.2*	19.2	1	26921
Hoegemeyer HPT8505 HW/LL/RR	145.7*	20.6	1	28790
Dekalb DKC61-05(GENVT3P)	144.8*	20.0	1	30660
Mycogen 2T826	142.4*	19.9	1	31408
Dekalb DKC65-63(VT3)	141.6	18.7	1	28416
Midland 779BRW	140.5	19.5	1	31408
Kruger K-6010VT3	139.7	19.3	1	30286
Producers XP7504VT3	139.2	17.5	2	28416
Producers 7414VT3	139.1	19.7	2	31408
Producers 7014VT3	138.9	16.5	1	30286
AgriGold A6533VT3	138.2	17.9	1	24677
Pioneer P1395HR	138.2	20.1	1	31034
Rainbow X1099GT3	137.4	19.9	1	26921
Producers 7394VT3	137.1	18.8	1	27669
Rainbow 3142YGCB	137.0	18.8	2	29538
Dekalb DKC63-84(VT3)	136.7	17.8	2	29912
Dekalb DKC62-63(GENVT3P)	136.1	19.4	1	29538
Rainbow 3157	135.4	12.8	1	28416
Kruger K-7614VT3P	135.1	18.1	2	30286
Kruger K-6116VT3	134.2	19.5	2	26921
Dekalb DKC64-69(GENVT3P)	133.8	19.7	2	28416
Producers 7624VT3	133.3	20.5	2	31408
Taylor Exp 219700	133.2	18.3	2	30286
Hoegemeyer HPT8041 HX/LL/RR	131.3	18.8	1	29912
Lewis 1014VT3P	130.7	19.1	1	29912
Mycogen 2V732	129.7	20.1	1	29912
Kruger K-1211RR	128.6	18.2	1	32529
USA 1107VT3	127.1	15.7	3	30286
Mycogen 2A787	125.6	19.9	1	30660
Mycogen 2H735	124.9	18.1	2	28416
Mycogen 2D775	124.4	19.1	2	31782
Midland 481PRW	122.5	16.9	1	28416
Midland 641BLGW	122.1	17.7	1	31782

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Lewis 910VT3	121.4	15.7	1	31034
Kruger K-6214VT3	120.8	18.6	1	30660
Kruger K-6411VT3	118.9	14.4	1	29538
Pioneer 33D49	118.2	19.9	1	29912
Midland 451GT	110.9	13.3	2	27295
Midland 361BRW	110.8	13.3	2	28416
Midland 531BRW	109.0	15.8	2	28043
Rainbow 3105YGCB	105.8	19.8	2	26547
GRAND MEAN	133.8	18.4	1	29467
LSD (10%)	14.0	3.1		
CV (%)	7.7	12.5		

***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
Dekalb DKC62-97(GENV3P)	194.4**	155.6*	175.0**
AgriGold A6458VT3	187.6*	156.0**	171.8*
Channel 213-32VT3 Brand	181.2*	149.1*	165.1*
Dekalb DKC62-63(GENV3P)	189.7*	136.1	162.9*
Dekalb DKC61-05(GENV3P)	178.2*	144.8*	161.5*
Dekalb DKC63-84(VT3)	183.3*	136.7	160.0*
AgriGold A6553VT3	168.2*	151.4*	159.8*
Producers 7414VT3	178.0*	139.1	158.5*
Pioneer 32D79HX1/LL/RR2	163.2*	149.9*	156.5
Kruger K-1211RR	183.9*	128.6	156.2
Pioneer P1395HR	172.7*	138.2	155.4
Mycogen 2V732	180.7*	129.7	155.2
AgriGold A6533VT3	171.3*	138.2	154.7
Rainbow 3142YGCB	171.1*	137.0	154.0
Channel 216-63VT3 Brand	155.5	151.4*	153.4
Kruger K-6213VT3	154.8	148.2*	151.5
Dekalb DKC65-63(VT3)	158.8	141.6	150.2
Midland 641BLGW	178.3*	122.1	150.2
Producers 7394VT3	162.7*	137.1	149.9
Hoegemeyer HPT8041 HX/LL/RR	168.3*	131.3	149.8
Producers 7014VT3	160.7	138.9	149.8
Dekalb DKC64-69(GENV3P)	164.0*	133.8	148.9
Midland 779BRW	156.6	140.5	148.5
Lewis 910VT3	174.7*	121.4	148.0
Lewis 1014VT3P	164.1*	130.7	147.4
Kruger K-6411VT3	174.9*	118.9	146.9
Kruger K-6116VT3	158.5	134.2	146.3
Kruger K-6214VT3	167.3*	120.8	144.0
Rainbow X1099GT3	150.4	137.4	143.9
Kruger K-7614VT3P	152.6	135.1	143.8
USA 1107VT3	158.2	127.1	142.6
Producers 7624VT3	148.1	133.3	140.7
Kruger K-6010VT3	141.0	139.7	140.3
Pioneer 33D49HX1/LL/RR2	161.8	118.2	140.0
Midland 451GT	168.6*	110.9	139.7
USA 1139	128.0	149.6*	138.8
Producers XP7504VT3	136.9	139.2	138.0
Mycogen 2A787	149.7	125.6	137.6
Hoegemeyer HPT8505 HW/LL/RR	123.3	145.7*	134.5
Rainbow 3157	131.4	135.4	133.4

CENTRAL REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Columbia Bu/Ac	Laddonia Bu/Ac	Mean Bu/Ac
Midland 481PRW	141.9	122.5	132.2
Mycogen 2H735	137.4	124.9	131.1
Midland 531BRW	150.4	109.0	129.7
Midland 361BRW	147.9	110.8	129.3
Rainbow 3105YGCB	133.3	105.8	119.5
Mycogen 2T826	92.6	142.4*	117.5
Mycogen 2D775	104.9	124.4	114.6
Taylor Exp 219700	70.4	133.2	101.8
GRAND MEAN	156.4	133.8	145.1
LSD (10%)	32.4	14.0	16.7
CV (%)	15.2	7.7	12.1

***Highest yielding variety in test*

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

SOUTHWEST REGION CROP MANAGEMENT SUMMARY

The Non-Irrigated Corn Test was to be conducted at three locations in the Southwest Region (Harrisonville, Urich, Lamar). Wet weather caused poor and highly variable stands at Harrisonville. This location was abandoned. The Irrigated Corn Test was conducted at three locations in the Southwest Region (Harrisonville, Adrian, Lamar). Headline was applied at the Adrian location to control foliar diseases.

Cultural practices vary slightly between locations and tests, but tend to reflect those followed by farmers in the area.

Average temperature (May through August) = 74.4 degrees, 2.4 degrees above normal

Total precipitation (May through August) = 21.8", 3.3" above normal

Accumulated growing degree days (May through August) = 3059 days, 115 days above normal

CULTURAL PRACTICES: NON-IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P205	K20		Pre	Post	
Harrisonville	(abandoned; see text)								
Urich	Jun 2	Sep 30	195	45	60	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	Callisto	Force 3G
Lamar	Apr 29	Sep 29	250	160	160	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

CULTURAL PRACTICES: IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P205	K20		Pre	Post	
Harrisonville	Apr 21	Sep 7	270	60	60	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Adrian	Jun 2	Sep 30	250	80	120	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Lamar	Apr 29	Sep 29	240	160	240	Conv.	Dual II Magnum, Atrazine, Princep, Callisto	none	Force 3G

URICH, MO (HENRY COUNTY) - SOUTHWEST REGION

NON-IRRIGATED CORN TEST

SOIL TYPE: Hartwell Silt Loam

SOIL TEST: pH=4.9, OM=2.6%, P=16 K=254

RAINFALL: May=5.5, June=6.4, July =8.3, August=1.6, Season Total=21.8

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 216-63VT3 Brand	172.0**	16.3	1	28790
Dekalb DKC62-54(VT3)	166.6*	13.7	1	30660
Dekalb DKC62-97(GENV3P)	161.5*	13.3	1	29538
Channel 208-72VT3 Brand	155.9*	13.0	1	27669
Midland 481PRW	155.9*	14.9	1	31034
AgriGold A6476VT3	155.0	13.2	1	29912
AgriGold A6533VT3	154.7	14.5	1	29912
Mycogen 2D775	153.9	15.3	1	33651
Producers XP7504VT3	151.6	12.6	1	30660
Taylor Exp 219350	151.4	15.0	1	28790
Producers 7394VT3	150.4	14.1	1	29164
Pioneer P0916HR	149.8	12.8	1	30286
Pioneer 34R67	149.6	15.3	1	28790
Mycogen 2H735	149.5	13.7	1	29912
Channel 210-61VT3 Brand	149.1	12.9	1	27669
Lewis 1109VT3	149.1	13.1	1	30286
Dyna-Gro 57V21	148.8	13.7	1	29912
Mycogen 2T699	148.6	13.0	3	31408
Dekalb DKC57-50(VT3)	148.1	12.7	1	29912
Midland 417BRW	147.9	12.7	1	27669
Producers 7414VT3	147.5	14.2	1	26921
Dyna-Gro 58VP99	147.2	16.3	1	30286
Dekalb DKC52-59(VT3)	147.1	11.5	1	30660
Mycogen 2V732	146.8	14.3	1	29164
AgriGold A6421STX	146.3	13.9	1	32155
Garst 84U96-3000GT Brand	146.1	15.8	1	28043
Dekalb DKC61-69(VT3)	146.0	12.5	1	32155
Midland 531BRW	146.0	13.2	1	31408
AgriGold A6553VT3	145.8	13.3	1	30660
AgriGold A6458VT3	145.7	12.5	1	28043
Producers 7014VT3	145.5	12.2	1	30660
Lewis 1014VT3P	144.4	12.9	1	31034
NK N68B-3000GT	144.2	12.8	1	29164
Lewis 910VT3	143.8	13.1	1	28416
Dyna-Gro 58V72	143.1	14.0	1	28790
NK N71G-3000GT	142.1	12.9	1	31034
Midland 641BLGW	141.2	13.1	1	29164
Dekalb DKC61-35(GENV3P)	140.8	11.1	1	29912
Midland 670BRW	140.7	15.3	1	30286
Garst 84U58-3000GT Brand	140.4	12.5	1	25425

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dyna-Gro 5373VT3	138.0	13.8	1	29912
Gol.Har.H-9377-GT/CB/LL Bra.	137.4	15.0	1	30286
Dyna-Gro 57V07	137.3	13.9	1	31408
Pioneer 35K03	135.8	14.8	1	29912
Taylor Exp 219700	135.8	14.9	2	28043
Midland 451GT	134.8	12.6	1	31408
AgriGold A6632VT3Pro	134.7	14.0	1	30660
Producers 7624VT3	131.8	16.0	1	31034
Gol.Har.H-8969-3000GT Brand	129.9	12.6	1	30286
Rainbow X1079	127.6	13.9	2	29912
NK N72Q-3000GT	125.3	14.0	2	30660
Garst 83S06-3000GT Brand	124.4	14.1	1	31034
Gol.Har.H-9173-3000GT Brand	119.5	12.9	2	30660
Taylor Exp 219270	113.2	14.5	3	24677
Schillinger SXP111	101.6	14.7	3	31034
GRAND MEAN	143.3	13.7	1	29817
LSD (10%)	16.8	1.4		
CV (%)	8.6	7.3		

***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

SOIL TYPE: Parsons Silt Loam SOIL TEST: pH=6.9, OM=3.3%, P=382 K=1130

RAINFALL: May=7.9, June=3.6, July =4.6, August=1.6, Season Total=17.7

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
AgriGold A6533VT3	184.1**	13.0	2	29164
Producers 7414VT3	183.5*	12.2	2	29164
NK N71G-3000GT	182.8*	12.6	3	29912
Channel 216-63VT3 Brand	181.9*	12.8	1	30660
Dekalb DKC62-97(GENVT3P)	181.3*	13.1	1	30660
Lewis 910VT3	179.8*	12.3	1	29912
Pioneer P0916HR	179.1*	13.9	1	28790
AgriGold A6458VT3	178.6*	12.9	2	28790
Mycogen 2T699	178.5*	12.1	2	29164
Midland 481PRW	177.0*	13.0	1	29538
Producers 7394VT3	176.8*	12.7	1	29912
Dekalb DKC52-59(VT3)	176.3*	12.1	1	30660
Gol.Har.H-8969-3000GT Brand	176.3*	12.8	1	25425
Channel 208-72VT3 Brand	175.7*	12.1	2	23182
Producers 7014VT3	174.4*	12.1	2	26921
Dekalb DKC62-54(VT3)	174.1*	13.4	1	29164
AgriGold A6476VT3	173.7*	12.4	1	23182
Midland 641BLGW	172.5*	12.2	1	26547
NK N68B-3000GT	171.4*	12.8	2	25051
Dyna-Gro 57V21	170.9*	13.6	2	29538
Channel 210-61VT3 Brand	170.5*	12.5	1	28416
Rainbow X1079	169.2*	13.3	1	26173
Garst 84U58-3000GT Brand	169.0*	13.7	2	27295
Schillinger SXP111	168.0*	12.7	1	28790
Lewis 1109VT3	166.9*	12.5	2	27669
Pioneer 35K03	166.5*	13.7	1	28416
Dyna-Gro 5373VT3	166.3*	12.7	2	29164
Dekalb DKC57-50(VT3)	166.2*	12.7	2	30286
Gol.Har.H-9377-GT/CB/LL Bra.	166.1*	13.0	4	29912
Mycogen 2H735	165.4*	12.1	1	28416
AgriGold A6632VT3Pro	164.4*	14.7	3	29912
Mycogen 2V732	164.3*	12.8	2	29538
AgriGold A6421STX	164.2*	12.3	1	29538
NK N72Q-3000GT	163.5*	13.5	2	25051
Mycogen 2D775	163.2*	13.0	1	30286
Midland 417BRW	162.9*	13.1	4	31782
AgriGold A6553VT3	162.7*	14.1	3	28790
Taylor Exp 219350	162.4*	12.6	2	30286
Pioneer 34R67	162.3*	13.3	1	28416
Garst 83S06-3000GT Brand	161.2*	12.5	2	25425

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Gol.Har.H-9173-3000GT Brand	157.8	12.4	2	28790
Dekalb DKC61-69(VT3)	157.7	12.7	2	28043
Midland 670BRW	157.4	13.9	3	28790
Taylor Exp 219270	157.4	14.3	2	28790
Garst 84U96-3000GT Brand	157.2	12.8	1	25425
Midland 531BRW	156.0	11.7	2	28416
Producers XP7504VT3	156.0	12.1	2	30660
Producers 7624VT3	151.6	13.5	2	28416
Midland 451GT	150.9	13.1	1	26547
Dekalb DKC61-35(GENV3P)	149.8	11.8	1	27669
Dyna-Gro 57V07	149.7	12.5	2	25799
Dyna-Gro 58VP99	148.2	13.4	2	28043
Lewis 1014VT3P	143.8	12.3	2	29912
Taylor Exp 219700	141.5	14.8	2	27669
Dyna-Gro 58V72	127.7	13.1	2	30660
GRAND MEAN	165.2	13.0	2	28410
LSD (10%)	23.9	1.7		
CV (%)	10.6	9.6		

***Highest yielding variety in test*

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

SOUTHWEST REGION SUMMARY

NON-IRRIGATED CORN TEST

Brand/Variety	Lamar Bu/Ac	Urich Bu/Ac	Mean Bu/Ac
Channel 216-63VT3 Brand	181.9*	172.0**	176.9**
Dekalb DKC62-97(GENVT3P)	181.3*	161.5*	171.4*
Dekalb DKC62-54(VT3)	174.1*	166.6*	170.3*
AgriGold A6533VT3	184.1**	154.7	169.4*
Midland 481PRW	177.0*	155.9*	166.4*
Channel 208-72VT3 Brand	175.7*	155.9*	165.8*
Producers 7414VT3	183.5*	147.5	165.5*
Pioneer P0916HR	179.1*	149.8	164.4*
AgriGold A6476VT3	173.7*	155.0	164.3*
Producers 7394VT3	176.8*	150.4	163.6*
Mycogen 2T699	178.5*	148.6	163.5*
NK N71G-3000GT	182.8*	142.1	162.4
AgriGold A6458VT3	178.6*	145.7	162.1
Lewis 910VT3	179.8*	143.8	161.8
Dekalb DKC52-59(VT3)	176.3*	147.1	161.7
Producers 7014VT3	174.4*	145.5	159.9
Channel 210-61VT3 Brand	170.5*	149.1	159.8
Dyna-Gro 57V21	170.9*	148.8	159.8
Mycogen 2D775	163.2*	153.9	158.5
Lewis 1109VT3	166.9*	149.1	158.0
NK N68B-3000GT	171.4*	144.2	157.8
Mycogen 2H735	165.4*	149.5	157.4
Dekalb DKC57-50(VT3)	166.2*	148.1	157.1
Taylor Exp 219350	162.4*	151.4	156.9
Midland 641BLGW	172.5*	141.2	156.8
Pioneer 34R67	162.3*	149.6	155.9
Mycogen 2V732	164.3*	146.8	155.5
Midland 417BRW	162.9*	147.9	155.4
AgriGold A6421STX	164.2*	146.3	155.2
Garst 84U58-3000GT Brand	169.0*	140.4	154.7
AgriGold A6553VT3	162.7*	145.8	154.2
Producers XP7504VT3	156.0	151.6	153.8
Gol.Har.H-8969-3000GT Brand	176.3*	129.9	153.1
Dyna-Gro 5373VT3	166.3*	138.0	152.1
Dekalb DKC61-69(VT3)	157.7	146.0	151.8
Gol.Har.H-9377-GT/CB/LL Bra.	166.1*	137.4	151.7
Garst 84U96-3000GT Brand	157.2	146.1	151.6
Pioneer 35K03	166.5*	135.8	151.1
Midland 531BRW	156.0	146.0	151.0
AgriGold A6632VT3Pro	164.4*	134.7	149.5

SOUTHWEST REGION SUMMARY - NON-IRRIGATED CORN TEST

Brand/Variety	Lamar Bu/Ac	Urich Bu/Ac	Mean Bu/Ac
Midland 670BRW	157.4	140.7	149.0
Rainbow X1079	169.2*	127.6	148.4
Dyna-Gro 58VP99	148.2	147.2	147.7
Dekalb DKC61-35(GENV3P)	149.8	140.8	145.3
NK N72Q-3000GT	163.5*	125.3	144.4
Lewis 1014VT3P	143.8	144.4	144.1
Dyna-Gro 57V07	149.7	137.3	143.5
Garst 83S06-3000GT Brand	161.2*	124.4	142.8
Midland 451GT	150.9	134.8	142.8
Producers 7624VT3	151.6	131.8	141.7
Gol.Har.H-9173-3000GT Brand	157.8	119.5	138.6
Taylor Exp 219700	141.5	135.8	138.6
Dyna-Gro 58V72	127.7	143.1	135.4
Taylor Exp 219270	157.4	113.2	135.3
Schillinger SXP111	168.0*	101.6	134.8
GRAND MEAN	165.2	143.3	154.2
LSD (10%)	23.9	16.8	13.5
CV (%)	10.6	8.6	9.3

***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

SOIL TYPE: Haig Silt Loam

SOIL TEST: pH=5.0, OM=2.5%, P=38 K=310

RAINFALL: May=7.7, June=7.4, July =9.2, August=1.2, Season Total=25.5

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-63(GENVT3P)	167.0**	16.2	1	25176
Midland 779BRW	162.7*	15.7	1	29414
Producers 7394VT3	146.1*	16.5	1	24553
AgriGold A6553VT3	145.7*	16.4	1	28292
Dekalb DKC57-50(VT3)	142.9*	12.9	1	32031
Dekalb DKC62-97(GENVT3P)	142.6*	14.9	1	29414
Dyna-Gro 57V21	142.4*	17.0	1	23680
Producers 7624VT3	140.1*	17.9	1	22309
Producers XP7504VT3	139.7*	16.4	1	21562
Rainbow X1099GT3	139.7*	11.5	1	32405
Producers 7014VT3	139.3*	13.5	1	25425
Pioneer P1395HR	139.1*	15.5	1	24553
Producers 7414VT3	137.8	17.5	1	22808
Dekalb DKC64-69(GENVT3P)	134.2	15.8	1	26547
Rainbow X1079	130.5	14.4	1	16950
Mycogen 2H735	129.3	15.3	1	28292
Dyna-Gro 58VP99	128.8	15.9	1	25675
Dyna-Gro 57V07	128.2	16.2	1	28541
Dekalb DKC63-84(VT3)	126.6	15.4	1	20191
AgriGold A6476VT3	124.3	13.6	1	25799
Mycogen 2V732	123.0	15.0	1	20440
Pioneer 32D79	122.7	18.2	1	27669
Dyna-Gro 58V72	116.1	15.9	1	18321
Rainbow 3158YGCB	115.5	18.6	1	16701
AgriGold A6421STX	112.6	13.3	1	34274
Mycogen 2D775	106.4	18.1	1	24428
Pioneer 33D49	105.2	14.7	1	35396
Rainbow 3157	100.3	17.9	1	23182
Dyna-Gro 5373VT3	93.6	17.7	1	23431
GRAND MEAN	129.6	15.8	1	25430
LSD (10%)	28.0	1.9		
CV (%)	15.7	8.9		

**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

SOIL TYPE: Kenoma Silt Loam

SOIL TEST: pH= --, OM= 6.4%, P= 2.2 K= 446

RAINFALL: May=8.6, June=4.0, July =7.8, August=1.0, Season Total=21.4

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-97(GENVT3P)	206.5**	18.6	1	34773
Pioneer P1395HR	203.5*	20.4	1	36642
Producers 7014VT3	200.1*	18.6	1	35147
AgriGold A6553VT3	197.7*	19.7	1	35894
Producers 7414VT3	192.8*	20.2	1	35894
Dekalb DKC64-69(GENVT3P)	192.7*	18.8	1	35894
Producers 7394VT3	191.9*	18.9	1	35147
Midland 779BRW	191.2	20.8	1	36268
Dekalb DKC57-50(VT3)	189.5	17.7	1	34773
Rainbow 3158YGCB	187.8	18.4	1	35147
Mycogen 2V732	186.8	19.3	1	40007
Dyna-Gro 5373VT3	185.3	19.7	1	39260
Dekalb DKC63-84(VT3)	181.6	17.8	1	39633
Dyna-Gro 58V72	181.0	18.5	1	37764
Producers XP7504VT3	180.5	18.3	1	36268
AgriGold A6476VT3	179.1	18.8	1	34399
Pioneer 32D79	177.5	16.6	1	36642
AgriGold A6421STX	177.1	18.0	1	38512
Mycogen 2D775	176.6	18.5	1	37764
Producers 7624VT3	175.5	19.8	1	37016
Dekalb DKC62-63(GENVT3P)	174.8	19.1	1	36268
Rainbow 3157	172.9	17.5	1	35521
Dyna-Gro 57V21	172.8	20.5	1	37016
Dyna-Gro 58VP99	171.7	20.5	1	34025
Dyna-Gro 57V07	170.3	19.9	1	36268
Pioneer 33D49	169.5	17.8	1	36642
Mycogen 2H735	168.8	20.6	1	34773
Rainbow X1099GT3	167.2	17.1	1	35894
Rainbow X1079	162.2	19.5	1	35147
GRAND MEAN	181.6	18.9	1	36359
LSD (10%)	14.7	1.7		
CV (%)	6.1	6.4		

**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

SOIL TYPE: Parsons Silt Loam

SOIL TEST: pH=6.0, OM=2.9%, P=790 K=1568

RAINFALL: May=7.9, June=3.6, July =4.6, August=1.6, Season Total=17.7

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Dekalb DKC62-97(GENVT3P)	198.7**	12.0	1	32529
Midland 779BRW	197.8*	12.8	2	34773
Producers 7394VT3	193.2*	12.4	2	34773
Producers 7014VT3	192.6*	12.2	1	31408
Dyna-Gro 57V21	189.6*	13.1	3	34025
Producers 7624VT3	189.0*	13.6	2	32903
Mycogen 2V732	186.7*	12.8	3	36642
Dekalb DKC64-69(GENVT3P)	184.3*	13.2	3	35894
Pioneer 32D79HX1/LL/RR2	180.6*	13.4	1	36642
Rainbow 3157	179.8*	13.1	1	35147
Mycogen 2H735	179.2*	13.0	1	35894
AgriGold A6476VT3	179.1*	11.9	1	28416
Pioneer P1395HR	178.6*	12.0	2	35147
Dekalb DKC63-84(VT3)	178.1*	11.5	2	32903
Pioneer 33D49HX1/LL/RR2	177.5*	12.5	1	34399
Producers XP7504VT3	175.6	12.1	2	31408
Mycogen 2D775	174.0	12.3	1	33651
AgriGold A6553VT3	173.9	13.1	4	38512
Dyna-Gro 5373VT3	173.9	13.2	3	34025
Rainbow X1079	168.7	12.5	2	37016
Rainbow X1099GT3	166.9	11.8	2	31034
Rainbow 3158YGCB	166.8	13.7	2	29164
Dyna-Gro 58VP99	165.6	12.4	1	30660
Dyna-Gro 57V07	164.9	12.3	3	34025
Dekalb DKC57-50(VT3)	164.3	11.8	1	34025
AgriGold A6421STX	162.4	12.5	1	35147
Producers 7414VT3	158.4	12.9	2	28043
Dekalb DKC62-63(GENVT3P)	152.0	12.3	3	32155
Dyna-Gro 58V72	151.5	11.5	3	35894
GRAND MEAN	174.6	12.6	2	33664
LSD (10%)	22.5	1.0		
CV (%)	9.8	5.8		

**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	Adrian Bu/Ac	Harrisonville Bu/Ac	Lamar Bu/Ac	Mean Bu/Ac
Midland 779BRW	191.2	162.7*	197.8*	183.9**
Dekalb DKC62-97(GENV3P)	206.5**	142.6*	198.7**	182.6*
Producers 7014VT3	200.1*	139.3*	192.6*	177.3*
Producers 7394VT3	191.9*	146.1*	193.2*	177.1*
Pioneer P1395HR	203.5*	139.1*	178.6*	173.7*
AgriGold A6553VT3	197.7*	145.7*	173.9	172.4*
Dekalb DKC64-69(GENV3P)	192.7*	134.2	184.3*	170.4
Dyna-Gro 57V21	172.8	142.4*	189.6*	168.3
Producers 7624VT3	175.5	140.1*	189.0*	168.2
Dekalb DKC57-50(VT3)	189.5	142.9*	164.3	165.6
Mycogen 2V732	186.8	123.0	186.7*	165.5
Producers XP7504VT3	180.5	139.7*	175.6	165.3
Dekalb DKC62-63(GENV3P)	174.8	167.0**	152.0	164.6
Producers 7414VT3	192.8*	137.8	158.4	163.0
Dekalb DKC63-84(VT3)	181.6	126.6	178.1*	162.1
AgriGold A6476VT3	179.1	124.3	179.1*	160.8
Pioneer 32D79HX1/LL/RR2	177.5	122.7	180.6*	160.3
Mycogen 2H735	168.8	129.3	179.2*	159.1
Rainbow X1099GT3	167.2	139.7*	166.9	157.9
Rainbow 3158YGCB	187.8	115.5	166.8	156.7
Dyna-Gro 58VP99	171.7	128.8	165.6	155.4
Dyna-Gro 57V07	170.3	128.2	164.9	154.5
Rainbow X1079	162.2	130.5	168.7	153.8
Mycogen 2D775	176.6	106.4	174.0	152.3
Rainbow 3157	172.9	100.3	179.8*	151.0
Dyna-Gro 5373VT3	185.3	93.6	173.9	150.9
AgriGold A6421STX	177.1	112.6	162.4	150.7
Pioneer 33D49HX1/LL/RR2	169.5	105.2	177.5*	150.7
Dyna-Gro 58V72	181.0	116.1	151.5	149.5
GRAND MEAN	181.6	129.6	174.6	161.9
LSD (10%)	14.7	28.0	22.5	12.6
CV (%)	6.1	15.7	9.8	10.0

**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 three locations (Oran, Charleston, Portageville) in the Southeast Region. Locations are situated in counties where a significant number of acres of irrigated corn are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly among the locations, but reflect those followed by farmers in the region. The Non-Irrigated Corn Test was not conducted in the Southeast Region.

Two of the three experiments were planted timely in April and progressed normally throughout the growing season, although excessive heat was a concern. The third location (Portageville) was not planted. The soil type at this location is Portageville clay, a poorly drained soil. Wet weather conditions well into June prevented planting until after an appropriate date.

Average temperature (May through August) = 77.2 degrees, 2.5 degrees above normal

Total precipitation (May through August) = 12.0", 4.0" above normal

Accumulated growing degree days (May through August) = 3291 days, 205 days above normal

CULTURAL PRACTICES: IRRIGATED CORN TEST

Location	Dates		Fertilizer			Tillage	Herbicide		Insecticide
	Planting	Harvest	N	P205	K20		Pre	Post	
Oran	Apr 16	Sept 1	275	0	0	Conv.	Duall II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Charleston	Apr 17	Sept 3	270	60	60	Conv.	Duall II Magnum, Atrazine, Princep, Callisto	none	Force 3G
Portageville	(not planted; see text)								

ORAN, MO (SCOTT COUNTY) - SOUTHEAST REGION

IRRIGATED CORN TEST

SOIL TYPE: Commerce Silt Loam

SOIL TEST: pH=5.1, OM=1.5%, P=112 K=360

RAINFALL: May=6.4, June=1.8, July =4.5, August=4.1, Season Total=16.8

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Pioneer P1745HR	286.5**	19.5	1	36941
Terral-REV 28HR20	279.5*	21.9	1	31365
AgriGold A6677	273.3*	18.6	1	36244
Terral-REV 25HR49	273.3*	24.1	1	36941
Great Heart HT-333VT3	272.8*	17.9	1	35199
Gateway 6158	272.0*	18.5	1	36941
Dekalb DKC63-84(VT3)	268.9*	18.0	1	35896
Channel 211-99VT3P Brand	267.3*	17.6	1	36244
Pioneer 1814HR	267.1*	22.4	1	34502
Channel 218-30VT3P Brand	266.5*	21.0	1	37987
Terral-REV 25R19	266.3*	18.4	1	36244
AgriGold A6553VT3	265.4*	18.9	1	36244
Armor 1415PRO	263.8*	18.7	1	34153
Schillinger SX849	262.8*	19.0	1	35547
Channel 216-63VT3 Brand	262.2*	18.7	1	33805
Dekalb DKC62-97(GENV3P)	261.6*	17.6	1	36244
Mersch.M1015A	261.6*	18.3	1	34850
Armor BXC028VT3	261.4*	18.0	1	35547
Dyna-Gro 58V72	261.4*	17.4	1	35896
Terral-REV 28HR29	261.2	24.0	1	36941
Stine 9806VT3	260.5	11.4	1	35896
Terral-REV 25R29	258.8	20.1	1	33108
Terral-REV 28HR30	258.4	24.6	1	35199
Pioneer 32D79	257.8	19.2	1	36941
Dairyland 9213Q	257.7	17.3	1	34850
Pioneer P1615HR	257.1	22.0	1	36244
Armor 1511C	256.8	18.0	1	34502
Dyna-Gro D56VP24	256.5	18.7	1	32062
Mersch.M1015B-15	255.2	18.4	1	33108
AgVenture VPMMax G9241	254.2	19.1	1	36244
Armor 1539PRO	253.8	17.8	1	35896
NK N78S-3000GT	253.8	17.5	1	35896
Terral-REV 25HR39	253.1	19.5	1	35547
AgVenture VPMMax RL9583HB	253.0	20.5	1	35547
Armor 1655PRO	252.0	17.7	1	35896
NK N77P-3000GT	251.9	18.0	1	30668
Mycogen 2D775	251.7	19.3	1	35547
AgriGold A6633VT3	251.2	18.4	1	35199
Stone 6503VT3	251.1	18.7	1	36244
Dairyland 7313	250.6	16.5	1	32411

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Pioneer 31D59	250.6	20.0	1	35199
Croplan 6818VT3	250.5	18.5	1	31017
Mersch.M1111P-15	250.3	17.3	1	35896
Dekalb DKC61-05(GENVT3P)	249.7	17.6	1	34153
AgriGold A6458VT3	249.2	17.1	1	34502
AgriGold A6476VT3	249.2	16.3	1	34153
AgriGold A6533VT3	249.1	17.2	1	36941
Dairyland 7615	249.1	19.0	1	34502
Pioneer 33N58	249.1	18.1	1	32759
AgVenture VPMMax RL7938HB	248.6	17.7	1	33805
Dyna-Gro 57V21	248.6	17.9	1	35199
Terral-REV 26HR70	248.2	23.4	1	36593
AgriGold A6632VT3Pro	247.9	18.9	1	36941
Dairyland 7214	247.2	18.6	1	36593
Mycogen 2V732	246.2	17.8	1	35896
Stone 6304GVT3P	246.2	17.4	1	34153
AgVenture VPMMax RL8950HB	245.9	19.2	1	35199
Pioneer 33D49	245.4	20.2	1	35199
AgVenture VPMMax RL9858HB	245.2	24.2	1	32062
Armor 1161PRO	245.2	17.1	1	36593
Croplan 6831RHXT	245.1	18.1	1	37290
Terral-REV 28R30	245.0	22.6	1	34502
Dyna-Gro D58VP99	244.6	17.9	1	31714
Dyna-Gro 57V59	244.5	17.0	1	34502
Dyna-Gro D49VP59	244.5	17.9	1	33805
NK N78N-3000GT	243.9	19.0	1	35896
Stine M913C-10	243.9	17.9	1	35547
Channel 214-14VT3P Brand	243.3	17.7	1	36244
Dairyland 9414Q	243.2	17.7	1	34850
Mersch.M814B-10	243.2	16.6	1	36244
Armor 0909PRO	243.1	17.0	1	34850
Dekalb DKC64-69(GENVT3P)	242.6	17.8	1	34502
AgriGold A6452VT3	242.3	17.4	1	37290
Great Heart HT-297VT3	242.2	18.0	1	32759
Croplan 6725VT3P	242.0	20.7	1	34153
Dyna-Gro 57V40	242.0	17.0	1	35896
Armor 1262PRO2	241.9	17.6	1	34502
Dairyland 6310	241.0	16.7	1	33456
Pioneer 1420HR	240.9	17.7	1	36593
AgriGold A6839	240.7	18.8	1	34153

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mycogen 2A787	240.1	18.1	1	36244
NK N72K-GT/CB/LL	240.0	17.3	1	33805
NK N68B-3000GT	239.4	17.1	1	33805
AgVenture GL8994AB	239.1	18.0	1	32759
Mersch.M1017A-14	237.3	18.5	1	32411
Dyna-Gro CX010617	236.4	19.2	1	34153
Armor 1363PRO	235.4	17.3	1	33805
Terral-REV 26R60	234.6	19.1	1	33456
Great Heart HX-7045GT	233.8	17.9	1	35896
Armor 1545PRO	233.7	19.3	1	32062
Dyna-Gro CX10015	233.4	18.5	1	33108
Gateway 8816	232.0	18.0	1	34850
Armor BXT069GT	231.9	17.5	1	36244
Pioneer P1184HR	231.9	17.0	1	36593
Dairyland 9910	231.6	16.3	1	36244
Schillinger SXP114	231.0	18.7	1	36593
Armor BXG080GT	230.9	18.3	1	34502
AgVenture VPMax RL8694HB	230.5	18.2	1	34850
Channel 209-77VT3 Brand	230.5	16.3	1	37290
AgVenture GL8977HB	229.8	17.7	1	36593
MFA Morcorn XP205Con	229.2	17.5	1	33805
Mycogen 2H735	229.0	16.9	1	32062
Dekalb DKC65-63(VT3)	228.1	17.1	1	37638
Mersch.M816A-10	227.6	21.1	1	34153
Channel 210-61VT3 Brand	226.7	17.0	1	28229
MFA Morcorn MC4507VT3	224.5	17.4	1	36941
AgVenture VPMax RL8233HB	223.9	16.8	1	34153
Dyna-Gro V5373VT3	221.9	18.6	1	36244
Stone 6413VT3	221.2	17.7	1	34850
Stone 7N88VT3	217.5	17.5	1	36244
Armor 1868PRO	215.5	18.1	1	36244
AgVenture GL7729ABW	210.9	16.5	1	32759
Armor 1457VT3	210.4	17.9	1	31365
GRAND MEAN	246.8	18.4	1	34927
LSD (10%)	25.2	1.9		
CV (%)	7.6	7.7		

***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

SOIL TYPE: Dundee Silt Loam

SOIL TEST: pH=5.8, OM=2.8%, P=154 K=638

RAINFALL: May=6.2, June=0.8, July =2.4, August=2.3, Season Total=11.7

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
NK N68B-3000GT	243.7**	15.1	1	35547
Mersch.M1017A-14	241.2*	16.4	1	36941
Armor BXC028VT3	239.2*	15.5	1	34153
NK N78N-3000GT	238.0*	15.8	1	32062
Armor 1457VT3	236.2*	15.0	1	35199
MFA Morcorn XP205Con	234.3*	15.6	1	30668
Armor 1511C	232.8*	16.1	1	36244
AgriGold A6632VT3Pro	231.7*	17.3	1	33456
Croplan 6725VT3P	231.0*	14.3	1	36941
Gateway 6158	230.0*	16.3	1	36941
Mersch.M1111P-15	230.0*	15.9	1	36244
Stine M913C-10	230.0*	15.4	1	34153
Stine 9806VT3	229.8*	16.4	1	35896
Terral-REV 26R60	229.7*	16.4	1	35547
AgriGold A6677	229.2*	14.6	1	31017
Dyna-Gro D56VP24	229.2*	16.2	1	32411
Great Heart HT-297VT3	228.7*	15.3	1	36941
Dairyland 7615	228.6*	16.5	1	34502
AgVenture GL8994AB	228.4*	15.9	1	36941
Terral-REV 28HR30	228.1*	15.3	1	37638
Dairyland 9414Q	227.7*	15.1	1	33456
AgVenture GL7729ABW	227.6*	15.7	1	31365
Armor BXG080GT	227.6*	16.0	1	34850
Pioneer 32D79	227.0*	15.3	1	36244
Terral-REV 25R19	226.6*	16.2	1	37638
Terral-REV 25R29	226.6*	15.9	1	16728
Dairyland 7313	226.0*	15.9	1	35547
Dairyland 9910	225.3*	15.9	1	37638
Armor 1539PRO	224.8*	15.5	1	35547
Croplan 6818VT3	224.8*	16.2	1	36244
Dekalb DKC64-69(GENV3P)	223.6*	15.9	1	32062
Armor 0909PRO	223.5*	15.1	1	36593
Dyna-Gro D58VP99	223.5*	15.3	1	33456
Dyna-Gro 57V59	223.1*	14.8	1	32062
Mycogen 2A787	222.6*	15.3	1	36941
NK N77P-3000GT	222.1*	16.4	1	35547
Stone 7N88VT3	221.8*	15.2	1	34153
MFA Morcorn MC4507VT3	221.7*	16.8	1	31017
AgriGold A6476VT3	221.6*	15.6	1	32062
Dyna-Gro 58V72	221.3*	15.9	1	34850

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Mersch.M816A-10	220.8*	16.7	1	35199
AgriGold A6633VT3	220.5*	17.1	1	36941
Schillinger SXP114	220.4*	16.1	1	34153
Pioneer 31D59	220.2*	17.3	1	32062
Terral-REV 28HR29	220.1*	15.4	1	34850
Dyna-Gro V5373VT3	219.7*	16.5	1	32759
Dyna-Gro 57V40	219.5*	15.8	1	35199
Terral-REV 25HR49	219.4*	16.1	1	37638
Pioneer 1814HR	218.9*	16.4	1	34850
Stone 6413VT3	218.6*	16.5	1	36244
AgriGold A6533VT3	218.5*	15.4	1	34153
Dekalb DKC63-84(VT3)	218.2*	16.4	1	35547
AgVenture VPMMax RL9583HB	217.9*	16.7	1	31365
Channel 210-61VT3 Brand	217.9*	16.2	1	32062
Terral-REV 28HR20	217.4*	16.4	1	34850
AgVenture VPMMax RL8233HB	217.3*	17.3	1	35547
Gateway 8816	216.9*	15.8	1	34502
Schillinger SX849	216.8*	15.8	1	36244
Armor 1415PRO	216.6*	16.7	1	33108
Dairyland 9213Q	216.6*	16.1	1	35547
Terral-REV 26HR70	216.5*	16.0	1	37638
Armor 1868PRO	216.4*	16.5	1	36244
Dairyland 7214	216.4*	15.5	1	36593
Stone 6503VT3	216.4*	15.2	1	24744
Dyna-Gro 57V21	216.3*	15.5	1	37290
Pioneer 33N58	216.1*	15.7	1	35199
Mersch.M814B-10	215.6*	16.8	1	34850
Croplan 6831RHXT	214.8*	14.8	1	28577
Dyna-Gro CX010617	214.8*	15.7	1	36244
Stone 6304GVT3P	213.6	16.1	1	33456
Channel 211-99VT3P Brand	213.1	17.1	1	36941
AgVenture VPMMax RL8950HB	212.7	16.8	1	35896
Armor 1262PRO2	212.6	14.6	1	34850
NK N72K-GT/CB/LL	212.6	17.2	1	32062
AgVenture VPMMax RL9858HB	212.1	16.0	1	33456
Armor 1161PRO	211.8	16.9	1	36941
Pioneer 33D49	211.7	15.9	1	33456
Pioneer P1615HR	211.7	15.7	1	36941
Terral-REV 25HR39	211.6	15.5	1	32411
AgVenture VPMMax G9241	211.2	14.8	1	36941

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

Brand/Variety	Yield Bu/Ac	Moisture %	Lodging 1-5	Population #/Ac
Channel 216-63VT3 Brand	210.7	16.1	1	38335
Armor 1545PRO	209.1	16.0	1	32062
Dyna-Gro CX10015	208.0	16.3	1	34850
Dekalb DKC61-05(GENV3P)	207.8	17.3	1	34850
AgriGold A6553VT3	207.6	15.5	1	35547
Mersch.M1015B-15	207.1	16.2	1	37638
NK N78S-3000GT	206.7	15.5	1	31365
Dairyland 6310	206.1	14.7	1	36941
Armor 1655PRO	205.9	17.2	1	34153
Great Heart HT-333VT3	205.9	16.5	1	35199
Dekalb DKC62-97(GENV3P)	205.6	15.0	1	33108
Pioneer P1745HR	204.8	15.7	1	36244
AgVenture GL8977HB	203.7	15.8	1	34502
AgVenture VPMMax RL8694HB	203.7	16.5	1	33456
Channel 214-14VT3P Brand	202.1	16.6	1	34850
Mycogen 2D775	201.7	14.8	1	36244
Armor BXT069GT	200.9	14.5	1	33456
Armor 1363PRO	200.5	15.3	1	33805
Dyna-Gro D49VP59	200.5	17.6	1	36941
AgriGold A6452VT3	199.1	15.4	1	32411
Pioneer P1184HR	195.6	14.4	1	34850
AgriGold A6839	194.8	15.9	1	31365
AgVenture VPMMax RL7938HB	194.3	14.8	1	31365
Mycogen 2H735	194.0	15.5	1	34153
Terral-REV 28R30	189.0	15.2	1	33456
Channel 209-77VT3 Brand	187.8	14.9	1	36244
Mersch.M1015A	186.9	15.5	1	36244
Channel 218-30VT3P Brand	186.4	16.4	1	34850
AgriGold A6458VT3	186.0	17.3	1	32759
Dekalb DKC65-63(VT3)	179.8	15.2	1	34153
Mycogen 2V732	178.3	14.5	1	35547
Great Heart HX-7045GT	177.0	16.3	1	38335
Pioneer 1420HR	171.9	16.4	1	35896
GRAND MEAN	214.4	15.9	1	34532
LSD (10%)	29.8	1.6		
CV (%)	10.3	7.6		

***Highest yielding variety in test*

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

SOUTHEAST REGION SUMMARY

IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Mean Bu/Ac
AgriGold A6677	273.3*	229.2*	251.2**
Gateway 6158	272.0*	230.0*	251.0*
Armor BXC028VT3	261.4*	239.2*	250.3*
Terral-REV 28HR20	279.5*	217.4*	248.4*
Terral-REV 25R19	266.3*	226.6*	246.4*
Terral-REV 25HR49	273.3*	219.4*	246.3*
Pioneer P1745HR	286.5**	204.8	245.6*
Stine 9806VT3	260.5	229.8*	245.1*
Armor 1511C	256.8	232.8*	244.8*
Dekalb DKC63-84(VT3)	268.9*	218.2*	243.5*
Terral-REV 28HR30	258.4	228.1*	243.2*
Pioneer 1814HR	267.1*	218.9*	243.0*
Dyna-Gro D56VP24	256.5	229.2*	242.8*
Terral-REV 25R29	258.8	226.6*	242.7*
Pioneer 32D79	257.8	227.0*	242.4*
NK N68B-3000GT	239.4	243.7**	241.5*
Dyna-Gro 58V72	261.4*	221.3*	241.3*
NK N78N-3000GT	243.9	238.0*	240.9*
Terral-REV 28HR29	261.2	220.1*	240.6*
Armor 1415PRO	263.8*	216.6*	240.2*
Channel 211-99VT3P Brand	267.3*	213.1	240.2*
Mersch.M1111P-15	250.3	230.0*	240.1*
AgriGold A6632VT3Pro	247.9	231.7*	239.8*
Schillinger SX849	262.8*	216.8*	239.8*
Armor 1539PRO	253.8	224.8*	239.3*
Great Heart HT-333VT3	272.8*	205.9	239.3*
Mersch.M1017A-14	237.3	241.2*	239.2*
Dairyland 7615	249.1	228.6*	238.8*
Dairyland 7313	250.6	226.0*	238.3*
Croplan 6818VT3	250.5	224.8*	237.6*
Dairyland 9213Q	257.7	216.6*	237.1*
NK N77P-3000GT	251.9	222.1*	237.0*
Stine M913C-10	243.9	230.0*	236.9*
AgriGold A6553VT3	265.4*	207.6	236.5*
Croplan 6725VT3P	242.0	231.0*	236.5*
Channel 216-63VT3 Brand	262.2*	210.7	236.4*
AgriGold A6633VT3	251.2	220.5*	235.8*
AgriGold A6476VT3	249.2	221.6*	235.4*
AgVenture VPMax RL9583HB	253.0	217.9*	235.4*
Dairyland 9414Q	243.2	227.7*	235.4*

SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Mean Bu/Ac
Great Heart HT-297VT3	242.2	228.7*	235.4*
Pioneer 31D59	250.6	220.2*	235.4*
Pioneer P1615HR	257.1	211.7	234.4*
Dyna-Gro D58VP99	244.6	223.5*	234.0*
AgriGold A6533VT3	249.1	218.5*	233.8*
Dyna-Gro 57V59	244.5	223.1*	233.8*
AgVenture GL8994AB	239.1	228.4*	233.7*
Stone 6503VT3	251.1	216.4*	233.7*
Dekalb DKC62-97(GENV3P)	261.6*	205.6	233.6*
Armor 0909PRO	243.1	223.5*	233.3*
Dekalb DKC64-69(GENV3P)	242.6	223.6*	233.1*
AgVenture VPMax G9241	254.2	211.2	232.7*
Pioneer 33N58	249.1	216.1*	232.6*
Dyna-Gro 57V21	248.6	216.3*	232.4
Terral-REV 25HR39	253.1	211.6	232.3
Terral-REV 26HR70	248.2	216.5*	232.3
Terral-REV 26R60	234.6	229.7*	232.1
Dairyland 7214	247.2	216.4*	231.8
MFA Morcorn XP205Con	229.2	234.3*	231.7
Mycogen 2A787	240.1	222.6*	231.3
Mersch.M1015B-15	255.2	207.1	231.1
Dyna-Gro 57V40	242.0	219.5*	230.7
NK N78S-3000GT	253.8	206.7	230.2
Croplan 6831RHXT	245.1	214.8*	229.9
Stone 6304GVT3P	246.2	213.6	229.9
Mersch.M814B-10	243.2	215.6*	229.4
AgVenture VPMax RL8950HB	245.9	212.7	229.3
Armor BXG080GT	230.9	227.6*	229.2
Armor 1655PRO	252.0	205.9	228.9
Dekalb DKC61-05(GENV3P)	249.7	207.8	228.7
AgVenture VPMax RL9858HB	245.2	212.1	228.6
Armor 1161PRO	245.2	211.8	228.5
Pioneer 33D49	245.4	211.7	228.5
Dairyland 9910	231.6	225.3*	228.4
Armor 1262PRO2	241.9	212.6	227.2
Mycogen 2D775	251.7	201.7	226.7
Channel 218-30VT3P Brand	266.5*	186.4	226.4
NK N72K-GT/CB/LL	240.0	212.6	226.3
Schillinger SXP114	231.0	220.4*	225.7
Dyna-Gro CX010617	236.4	214.8*	225.6

SOUTHEAST REGION SUMMARY - IRRIGATED CORN TEST

Brand/Variety	Oran Bu/Ac	Charleston Bu/Ac	Mean Bu/Ac
Gateway 8816	232.0	216.9*	224.4
Mersch.M1015A	261.6*	186.9	224.2
Mersch.M816A-10	227.6	220.8*	224.2
Dairyland 6310	241.0	206.1	223.5
Armor 1457VT3	210.4	236.2*	223.3
MFA Morcorn MC4507VT3	224.5	221.7*	223.1
Channel 214-14VT3P Brand	243.3	202.1	222.7
Dyna-Gro D49VP59	244.5	200.5	222.5
Channel 210-61VT3 Brand	226.7	217.9*	222.3
AgVenture VPMMax RL7938HB	248.6	194.3	221.4
Armor 1545PRO	233.7	209.1	221.4
Dyna-Gro V5373VT3	221.9	219.7*	220.8
AgriGold A6452VT3	242.3	199.1	220.7
Dyna-Gro CX10015	233.4	208.0	220.7
AgVenture VPMMax RL8233HB	223.9	217.3*	220.6
Stone 6413VT3	221.2	218.6*	219.9
Stone 7N88VT3	217.5	221.8*	219.6
AgVenture GL7729ABW	210.9	227.6*	219.2
Armor 1363PRO	235.4	200.5	217.9
AgriGold A6839	240.7	194.8	217.7
AgriGold A6458VT3	249.2	186.0	217.6
AgVenture VPMMax RL8694HB	230.5	203.7	217.1
Terral-REV 28R30	245.0	189.0	217.0
AgVenture GL8977HB	229.8	203.7	216.7
Armor BXT069GT	231.9	200.9	216.4
Armor 1868PRO	215.5	216.4*	215.9
Pioneer P1184HR	231.9	195.6	213.7
Mycogen 2V732	246.2	178.3	212.2
Mycogen 2H735	229.0	194.0	211.5
Channel 209-77VT3 Brand	230.5	187.8	209.1
Pioneer 1420HR	240.9	171.9	206.4
Great Heart HX-7045GT	233.8	177.0	205.4
Dekalb DKC65-63(VT3)	228.1	179.8	203.9
GRAND MEAN	246.8	214.4	230.6
LSD (10%)	25.2	29.8	18.7
CV (%)	7.6	10.3	8.5

***Highest yielding variety in test*

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

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

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

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
AgriGold A6421STX	108	1,13	Y	N	Y	Y
AgriGold A6452VT3	110	1,13	Y	N	Y	Y
AgriGold A6458VT3	110	1,13	Y	N	Y	Y
AgriGold A6476VT3	111	1,13	Y	N	Y	Y
AgriGold A6533VT3	113	1,13	Y	N	Y	Y
AgriGold A6553VT3	113	1,13	Y	N	Y	Y
AgriGold A6632VT3Pro	115	1,13	Y	N	Y	Y
AgriGold A6632VT3Pro	115	1,13	Y	N	Y	Y
AgriGold A6633VT3	115	12,13	Y	N	Y	Y
AgriGold A6677	117	12,13	N	N	N	N
AgriGold A6839	119	12,13	N	N	N	N
AgVenture GL7729ABW	110	13,15	Y	Y	Y	Y
AgVenture GL8977HB	115	13,15	Y	Y	Y	N
AgVenture GL8994AB	115	13,15	Y	Y	Y	N
AgVenture VPMMaxxRL8233HB	112	8,10	Y	Y	Y	N
AgVenture G9241	117	13,15	Y	N	N	N
AgVenture VPMMaxxRL7938HB	110	8,10	Y	Y	Y	N
AgVenture VPMMaxxRL8694HB	114	8,10	Y	Y	Y	N
AgVenture VPMMaxxRL8950HB	115	8,10	Y	Y	Y	N
AgVenture VPMMaxxRL9583HB	118	8,10	Y	Y	Y	N
AgVenture VPMMaxxRL9858HB	121	8,10	Y	Y	Y	N
Armor 0909PRO	109	1,13	Y	N	Y	Y
Armor 1161PRO	111	1,13	Y	N	Y	Y
Armor 1262PRO	112	1,13	Y	N	Y	Y
Armor 1363PRO	113	1,13	Y	N	Y	Y
Armor 1415PRO	115	1,13	Y	N	Y	Y
Armor 1457VT3	114	7,13	Y	N	Y	Y
Armor 1511C	115	7,13	N	N	N	N
Armor 1539PRO	116	1,13	Y	N	Y	Y
Armor 1545PRO	115	1,13	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Armor 1655PRO	116	1,13	Y	N	Y	Y
Armor 1868PRO	118	1,13	Y	N	Y	Y
Armor BXC028VT3	116	7,13	Y	N	Y	Y
Armor BXG080GT	117	7,13	Y	N	N	N
Armor BXT069GT	116	7,13	Y	N	N	N
Channel 208-72VT3 Brand	108	1,3,13	Y	Y	Y	Y
Channel 209-77VT3 Brand	109	1,9	Y	Y	Y	Y
Channel 210-61VT3 Brand	110	1,3,13	Y	Y	Y	Y
Channel 211-99VT3P Brand	111	1,3,13	Y	Y	Y	Y
Channel 213-32VT3 Brand	113	1,3,13	Y	Y	Y	Y
Channel 214-14VT3P Brand	114	1,3,13	Y	Y	Y	Y
Channel 216-63VT3 Brand	116	1,3,13	Y	Y	Y	Y
Channel 218-30VT3P Brand	118	1,3,13	Y	Y	Y	Y
Croplan 6725VT3P	113	5,7	Y	Y	Y	Y
Croplan 6818VT3	114	5,7	Y	Y	Y	Y
Croplan 6831RHXT	112	5,7	Y	Y	Y	Y
Dairyland 6310	109	9	Y	Y	N	N
Dairyland 7214	114	9	Y	Y	Y	Y
Dairyland 7313	113	9	Y	Y	Y	Y
Dairyland 7615	116	9	Y	Y	Y	N
Dairyland 9213Q	113	9	Y	Y	N	N
Dairyland 9414Q	115	9	Y	Y	Y	Y
Dairyland 9910	110	9	Y	Y	Y	Y
Dairyland ex101	111	9	Y	Y	Y	N
Dekalb DKC52-59(VT3)	102	13	Y	N	Y	Y
Dekalb DKC57-50(VT3)	107	13	Y	N	Y	Y
Dekalb DKC59-35(VT3)	109	13	Y	N	Y	Y
Dekalb DKC61-05(GENV3P)	111	1	Y	N	Y	Y
Dekalb DKC61-35(GENV3P)	111	1	Y	N	Y	Y
Dekalb DKC61-69(VT3)	111	13	Y	N	Y	Y
Dekalb DKC62-54(VT3)	112	13	Y	N	Y	Y
Dekalb DKC62-63(GENV3P)	112	1	Y	N	Y	Y
Dekalb DKC62-97(GENV3P)	112	1	Y	N	Y	Y
Dekalb DKC63-84(VT3)	113	13	Y	N	Y	Y
Dekalb DKC64-69(GENV3P)	114	1	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Dekalb DKC65-63(VT3)	115	13	Y	N	Y	Y
Dyna-Gro 57V07	113	11,13	Y	N	Y	Y
Dyna-Gro 57V21	115	11,13	Y	N	Y	Y
Dyna-Gro 57V40	111	11,13	Y	N	Y	Y
Dyna-Gro 57V59 VT3P	114	11,13	Y	N	Y	Y
Dyna-Gro 58V72	116	11,13	Y	N	Y	Y
Dyna-Gro 58VP99	117	11,13	Y	N	Y	Y
Dyna-Gro CX010617	117	11,13	Y	N	N	N
Dyna-Gro CX09512	112	11,13	Y	Y	Y	Y
Dyna-Gro CX10015	115	11,13	Y	N	Y	N
Dyna-Gro D49VP59	109	11,13	Y	N	Y	Y
Dyna-Gro D56VP24	116	11,13	Y	N	Y	Y
Dyna-Gro D58VP99	117	11,13	Y	N	Y	Y
Dyna-Gro V5373VT3	113	11,13	Y	N	Y	Y
Fontanelle 8T468	114	13	Y	N	Y	Y
Fontanelle 8T478	114	13	Y	N	Y	Y
Fontanelle 8V437	113	13	Y	N	Y	Y
FS 60MV4	110	3,13,15,16	Y	N	Y	Y
FS 61BX1	111	3,13,15,16	Y	Y	N	N
FS 63MV4	113	3,13,15,16	Y	N	Y	Y
FS 64JV3	114	3,13,15,16	Y	N	Y	Y
FS 65BV3	115	3,13,15,16	Y	N	Y	Y
FS 65U41	115	3,13,15,16	Y	Y	Y	N
FS 66S21	116	3,13,15,16	N	Y	Y	N
G2 Genetics 5H-516	116	4,9,11	Y	Y	Y	N
G2 Genetics 1H-513HX/LL	113	4,9,11	N	Y	Y	N
G2 Genetics 1H-716HX/LL	116	4,9,11	N	Y	Y	N
G2 Genetics 3A-511RR	111	4,9,11	Y	Y	N	N
G2 Genetics 5H-007RR/HX	107	4,9,11	Y	Y	Y	N
G2 Genetics 5H-210ARR/HX	110	4,9,11	Y	Y	Y	N
G2 Genetics 5H-210RR/HX	110	4,9,11	Y	Y	Y	N
G2 Genetics 5H-314RR/HX	114	4,9,11	Y	Y	Y	N
G2 Genetics 5H-509RR/HX	109	4,9,11	Y	Y	Y	N
G2 Genetics 5H-511ARR/HX	111	4,9,11	Y	Y	Y	N
G2 Genetics 5H-511RR/HX	111	4,9,11	Y	Y	Y	N

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
G2 Genetics 5H-513RR/HX	113	4,9,11	Y	Y	Y	N
G2 Genetics 5H-515ARR/HX	115	4,9,11	Y	Y	Y	N
G2 Genetics 5H-515BRR/HX	115	4,9,11	Y	Y	Y	N
G2 Genetics 5H-515RR/HX	115	4,9,11	Y	Y	Y	N
G2 Genetics 5H-607RR/HX	107	4,9,11	Y	Y	Y	N
G2 Genetics 5H-615RR/HX	115	4,9,11	Y	Y	Y	N
G2 Genetics 5H-712RR/HX	112	4,9,11	Y	Y	Y	N
G2 Genetics 5H-812RR/HXT	112	4,9,11	Y	Y	Y	N
G2 Genetics 5H-909RR/HX	109	4,9,11	Y	Y	Y	N
G2 Genetics 5X-007RR/HXT	107	4,9,11	Y	Y	Y	Y
G2 Genetics 5X-411ARR/HXT	111	4,9,11	Y	Y	Y	Y
G2 Genetics 5X-411RR/HXT	111	4,9,11	Y	Y	Y	Y
G2 Genetics 5X-515RR/HXT	115	4,9,11	Y	Y	Y	Y
G2 Genetics 5X-716RR/HXT	116	4,9,11	Y	Y	Y	Y
G2 Genetics 5X-909RR/HXT	109	4,9,11	Y	Y	Y	Y
Garst 83S06-3000GT Brand	113	9	Y	Y	Y	Y
Garst 84U58-3000GT Brand	111	9	Y	Y	Y	Y
Garst 84U96-3000GT Brand	113	9	Y	Y	Y	Y
Gateway 6158	115	9	N	N	N	N
Gateway 8816	116	13,15	Y	N	Y	Y
Golden Harvest H-8969-3000GT Brand	111	9	Y	Y	Y	Y
Golden HarvestH-9173-3000GT Brand	113	9	Y	Y	Y	Y
Golden HarvestH-9377-GT/CB/LL Brand	115	9	Y	Y	Y	N
Great Heart HT-297VT3	112	13	Y	N	Y	Y
Great Heart HT-333VT3	113	13	Y	N	Y	Y
Great Heart HX-7045GT	117	13	Y	N	N	N
Hoegemeyer HPT8041	110	9,10,12	Y	Y	Y	N
Hoegemeyer HPT8345HXLLRR	114	9,10,12	Y	Y	Y	N
Hoegemeyer HPT8359	113	9,10,12	Y	Y	Y	Y
Hoegemeyer HPT8505	115	9,10,12	Y	Y	Y	N
Hoegemeyer HPT8691	113	9,10,12	Y	Y	Y	N
Kruger K-1211RR	111	1	Y	N	N	N
Kruger K-6010VT3	110	9	Y	N	Y	Y
Kruger K-6116VT3	116	9	Y	N	Y	Y
Kruger K-6213VT3	113	1	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Kruger K-6214VT3	114	1	Y	N	Y	Y
Kruger K-6411VT3	111	9	Y	N	Y	Y
Kruger K-7614VT3P	114	1	Y	N	Y	Y
Lewis 1007VT3P	107	12,13	Y	N	Y	Y
Lewis 1013VT3	113	12,13	Y	N	Y	Y
Lewis 1014VT3P	114	12,13	Y	N	Y	Y
Lewis 1109VT3	109	12,13	Y	N	Y	Y
Lewis 1110VT3	110	12,13	Y	N	Y	Y
Lewis 1111VT3P	111	12,13	Y	N	Y	Y
Lewis 1114VT3P	114	12,13	Y	N	Y	Y
Lewis 1115VT3	115	12,13	Y	N	Y	Y
Lewis 910VT3	110	12,13	Y	N	Y	Y
LG 2549VT3	109	4,12,13,15	Y	N	Y	Y
LG 2555VT3	110	4,12,13,15	Y	N	Y	Y
LG 2620VT3	113	4,12,13,15	Y	N	Y	Y
LG 2641VT3	114	4,12,13,15	Y	N	Y	Y
Mersch.M1015A	115	3,6,14,15	N	N	N	N
Mersch.M1015B-15	115	1,14	Y	N	Y	Y
Mersch.M1017A-14	117	4,11	N	Y	Y	N
Mersch.M1111P-15	111	1,14	Y	N	Y	Y
Mersch.M814B-10	114	3,6,14,15	Y	N	Y	Y
Mersch.M816A-10	116	3,6,14,15	Y	N	Y	Y
MFA Morcom MC3918VT3P	109	7	Y	N	Y	Y
MFA Morcom MC4107VT3	111	7	Y	N	Y	Y
MFA Morcom MC4125GT/CB/LL	111	7	Y	Y	Y	N
MFA Morcom MC4507VT3	115	7	Y	N	Y	Y
MFA Morcom XP202VT3P	111	7	Y	N	Y	Y
MFA Morcom XP204VT3	112	7	Y	N	Y	Y
MFA Morcom XP205Con	115	7	N	N	N	N
Midland 361BRW	107	4,13	Y	N	Y	Y
Midland 417BRW	110	4,13	Y	N	Y	Y
Midland 451GT	109	4,13	Y	N	N	N
Midland 481PRW	110	4,13	Y	N	Y	Y
Midland 531PRW	111	4,13	Y	N	Y	Y
Midland 641BLGW	113	4,13	Y	Y	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Midland 670BRW	114	4,13	Y	N	Y	Y
Midland 779BRW	115	4,13	Y	N	Y	Y
Mycogen 2H735	112	9	Y	N	N	N
Mycogen 2T699	110	9	Y	N	Y	Y
Mycogen 2T826	115	9	Y	N	Y	N
Mycogen 2V732	113	9	Y	N	Y	Y
Mycogen 2A787	115	9	Y	N	Y	Y
Mycogen 2D775	114	9	Y	N	Y	Y
NK N68B-3000GT Brand	111	9	Y	Y	Y	Y
NK N71G-3000GT Brand	112	9	Y	Y	Y	Y
NK N72K-GT/CB/LL	112	9	Y	Y	Y	N
NK N72Q-3000GT Brand	113	9	Y	Y	Y	Y
NK N77P-3000GT	114	9	Y	Y	Y	Y
NK N78N-3000GT	115	9	Y	Y	Y	Y
NK N78S-3000GT	115	9	Y	Y	Y	Y
NuTech 3C-115RR/YGCB	115	4,9,11	Y	N	Y	N
NuTech 3C-413RR/YGCB	113	4,9,11	Y	N	Y	N
NuTech 3T-110VT3	110	4,9,11	Y	N	Y	Y
NuTech 3T-315VT3	115	4,9,11	Y	N	Y	Y
NuTech 3T-413VT3	113	4,9,11	Y	N	Y	Y
NuTech 3T-713VT3	113	4,9,11	Y	N	Y	Y
NuTech 3U-113VTRR	113	4,11,13	Y	N	Y	Y
NuTech 5B-612GT/CB/LL	112	4,9,11	Y	Y	Y	N
NuTech 5N-213+GT/CB/LL/RW	113	4,9,11	Y	Y	Y	N
NuTech 5N-215AGT/CB/LL/RW	115	4,9,11	Y	Y	Y	N
NuTech 5N-215GT/CB/LL/RW	115	4,9,11	Y	Y	Y	N
NuTech 5N-813GT/CB/LL/RW	113	4,9,11	Y	Y	Y	N
NuTech OC-213YGCB	113	4,9,11	N	N	Y	N
Pioneer 1420HR	114	4,9,10,11	Y	Y	Y	N
Pioneer 1814HR	118	4,9,10,11	Y	Y	Y	N
Pioneer 31D59HX1/LL/RR2	120	4,9,10,11	Y	Y	Y	N
Pioneer 32D79HX1/LL/RR2	116	4,9,10,11	Y	Y	Y	N
Pioneer 33D49HX1/LL/RR2	115	4,9,10,11	Y	Y	Y	N
Pioneer 33N58HX1/LL/RR2	113	4,9,10,11	Y	Y	Y	N
Pioneer 33T57	113	4,9,10,11	Y	Y	Y	N

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Pioneer 34R67	109	4,9,10,11	Y	Y	Y	N
Pioneer 35K03	106	4,9,10,11	Y	Y	Y	N
Pioneer P0916HR	109	4,9,10,11	Y	Y	Y	N
Pioneer P1184HR	111	4,9,10,11	Y	Y	Y	N
Pioneer P1395HR	113	4,9,10,11	Y	Y	Y	N
Pioneer P1615HR	116	4,9,10,11	Y	Y	Y	N
Pioneer P1745HR	117	4,9,10,11	Y	Y	Y	N
Power Plus 6B52	113	12,14	Y	Y	Y	N
Power Plus 7D51	115	12,14	Y	Y	Y	N
Power Plus 7U17	114	12,14	Y	Y	Y	N
Power Plus 5G42	110	12,14	N	N	N	N
Power Plus 6Y12	112	12,14	Y	Y	N	N
Producers 7014VT3	110	4,11,13	Y	N	Y	Y
Producers 7394VT3	113	4,11,13	Y	N	Y	Y
Producers 7414VT3	114	4,11,13	Y	N	Y	Y
Producers 7624VT3	116	4,11,13	Y	N	Y	Y
Producers XP7504VT3	115	4,11,13	Y	N	Y	Y
Rainbow 3105YGCB	110	12	N	N	Y	N
Rainbow 3142YGCB	114	12	N	N	Y	N
Rainbow 3157	115	12	N	N	N	N
Rainbow 3158YGCB	115	12	N	N	Y	N
Rainbow X1079	107	12	N	N	N	N
Rainbow X1099GT3	109	7,12	Y	Y	Y	Y
Schillinger SX849	115	9,12	N	N	N	N
Schillinger SXP111	ni	9,12	N	N	N	N
Schillinger SXP114	ni	9,12	N	N	N	N
Stine 9806VT3	114	3,6,14,15	Y	N	Y	Y
Stine M1011G-10	111	3,6,14,15	Y	N	Y	Y
Stine M-1109D-10	109	3,6,14,15	Y	N	Y	Y
Stine M913C-10	113	3,6,14,15	Y	N	Y	Y
Stone 6304GVT3P	113	1	Y	N	Y	Y
Stone 6413VT3	114	13	Y	N	Y	Y
Stone 6503VT3	115	13	Y	N	Y	Y
Stone 7N88VT3	112	13	Y	N	Y	Y
Taylor Exp 219270	112	13,15	Y	N	Y	Y

CHARACTERISTICS OF CORN HYBRIDS ENTERED INTO THE 2010 MU VARIETY TESTING PROGRAM

Hybrid	Maturity ¹	Seed treatment ²	Biotechnology traits			
			Herbicide ³		Insect ⁴	
			Gly	Glu	AG	BG
Taylor Exp 219350	112	13,15	Y	N	Y	Y
Taylor Exp 219700	115	13,15	Y	N	Y	Y
Terral-REV 25HR39	115	4,9,10,12	Y	Y	Y	N
Terral-REV 25HR49	115	4,9,10,12	Y	Y	Y	N
Terral-REV 25R19	115	4,9,10,12	Y	N	N	N
Terral-REV 25R29	115	4,9,10,12	Y	N	N	N
Terral-REV 26HR70	116	4,9,10,12	Y	Y	Y	N
Terral-REV 26R60	116	4,9,10,12	Y	N	N	N
Terral-REV 28HR20	118	4,9,10,12	Y	Y	Y	N
Terral-REV 28HR29	118	4,9,10,12	Y	Y	Y	N
Terral-REV 28HR30	118	4,9,10,12	Y	Y	Y	N
Terral-REV 28R30	118	4,9,10,12	Y	N	N	N
USA 1107TR	110	12,13	Y	N	Y	Y
USA 1139	113	2,12	N	N	N	N

¹ Relative Corn Maturity.

² Seed treatments listed in table were applied by seed companies to seed entered into MU Variety Testing Program. Purchased seed may contain other seed treatments. See seed company representatives and seed labels for more information. 1=Acceleron; 2=Actellic ; 3=Allegiance; 4=Apron; 5=Apron Maxx; 6=Captan; 7=Crusier; 8=Crusier Maxx; 9=Crusier Extreme; 10=Dynasty; 11=Maxim; 12=Maxim XL; 13=Poncho 250; 14=Poncho 500; 15=Trilex; 16=Vortex.

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

⁴ There are several biotechnology traits that confer insect resistance to corn hybrids. “Y” in the “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 purposes 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 2010 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 13786 Hwy JJ, Mexico, MO 65265	573-721-1061	channelbio.com
Croplan Genetics	Croplan Genetics 969 Cloverleaf Dr., Southaven, MS 38671	907-652-0903	croplangenetics.com
Dairyland	Dairyland Seed 9728 S. Clinton Corners Rd., Clinton, WI 53525	608-295-0912	dairylandseed.com
Dekalb	Monsanto Co 800 N. Lindbergh Blvd., St. Louis, MO 63167	815-754-4809	monsanto.com
Dyna-Gro	Crop Production Services 17410 Pike, Bowling Green, MO 63334	573-470-1499	cpsagu.com
Dyna-Gro	Crop Production Services 1506 W. Mechanic St. Harrisonville, MO 64701	816-728-3927	cpsagu.com
Fontanelle	Fontanelle Hybrids 1955 E. Military Ave., Fremont, NE 68025	402-721-1410	fontanelle.com
FS	Growmark 1701 Towards Ave., Bloomington, IL 61701	309-557-6398	fsseed.com
G2 Genetics	G2 Genetics 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, Paril, 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. 103 Ave. D, PO Box 67, West Point, IA 52656	319-837-6111	merschmanseeds.com
MFA Inc.	MFA Inc. 201 Ray Young Dr., Columbia, MO 65201	573-876-5482	mfa-inc.com
Midland	Midland Genetics 1906 Kingman Rd., Ottawa, KS 66067	785-242-3598	midlandgenetics.com
Mycogen	Mycogen Seeds 9330 Zionsville Rd., Indianapolis, IN 46268	573-228-2358	mycogenseeds.com
NK Brand	Syngenta Seeds 11055 Wayzata Blvd., Minnetonka, MN 55305	573-239-3779	syngentaseeds.com

SOURCES FOR VARIETIES ENTERED IN THE 2010 MISSOURI CORN TESTS

Brand/Variety	Company and Address	Phone	URL
NK Brand	Syngenta Seeds 27 Kelly Ct, Cabot, AR 72023	501-628-1867	syngentaseeds.com
NuTech Seed	NuTech Seed 415 S. Duff, Suite C, Ames, IA 50010	800-942-6748	yieldleader.com
Pioneer	Pioneer Hi-Bred Int. 9131 N. Park Dr., Johnston, IA 50131	573-473-7079	pioneer.com
Pioneer	Pioneer Hi-Bred Int. 700 Boulevard South, Suite 302, Huntsville, AL 35802	800-331-2475	pioneer.com
Producers	Producers Hybrids 54542 840th Rd., PO Box C, Battle Creek, NE 68715	316-303-6300	producershybrids.com
Power Plus	Burrus Hybrids 826 Arenzville Rd., Arenzville, IL 62611	217-997-5511	burrusseed.com
Rainbow	Rainbow Seeds 1816 Hwy 163, Oskaloosa, IA 52577	800-373-9401	rainbowseeds.com
Schillinger	Schillinger Genetics 4401 Westown Pky, Suite 225, W. Des Moines, IA 50266	515-314-1003	schilligen.com
Stone	Stone Seed 5965 W State Rt. 97, Pleasant Plains, IL 62677	217-714-6004	stoneseed.com
Taylor	Taylor Seed Farms 2467 Hwy 7, White Cloud, KS 66094	785-595-3236	taylorseedfarms.com
Terral	Terral Seed Inc. PO Box 826, Lake Providence, LA 71254	800-551-4852	terralseed.com
USA	United Seed Associates 28797 Bowman Rd., Defiance OH 43512	419-395-2646	