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MISSOURI CROP
PERFORMANCE

2019

corn



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MU Variety Testing Program

COLLEGE OF AGRICULTURE, FOOD and NATURAL RESOURCES, UNIVERSITY of MISSOURI

2019 MISSOURI CORN TEST

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PREFACE

Our motto is “We test the best” and that is exactly what we do. Each year, the best seed companies and organizations select several of their best hybrids for evaluation by the MU Variety Testing Program. We use the latest scientific principles and procedures to provide farmers and others with an interest in corn hybrid performance with accurate and unbiased information.

We respect the seed companies and organizations that put their hybrids to the test. We are honored that they entrust us with their valuable products. It takes courage to allow their hybrids to be compared with all of the others. Not every company participates in our program for various reasons. Those companies that do participate deserve your consideration when purchasing seed for the next growing season. Please view the table at the back of our book for names and addresses of participating seed companies. Thank them for their courage and tell them you saw their hybrid in our program.

The MU Variety Testing Program has provided Missouri farmers with unbiased variety comparisons for more than 75 years, first with corn, then soybean and wheat. We have a young and ambitious staff with excellent experience with testing crop yield performance. Our plots are placed where you farm. They have the soils and weather conditions your fields have. The MU Variety Testing Program is on-farm research in the truest sense of the word. Most of our locations are on farmer fields in your communities. Several locations are MU farms. These CAFNR owned and operated research centers sample the north, central and southeast regions of Missouri and, combined with the private farm locations, provide you with the diversity of environments you need to select the best hybrids for your farm. View the map in our procedures section to see the placement of our locations and the cooperators that are so important to the quality of our information.

Evaluating yield and making decisions based on that evaluation are difficult because yield is highly affected by environment — even the small differences that exist across a field. We use replication, plot size, and plot placement to minimize the “noise.” Please read the procedures section of this book to better understand what we do and the tools we provide you to make hybrid selection decisions. Our data tables are arranged to help you quickly see how hybrids compare. We strongly suggest that you use information from more than one location. Our tables of “region means” provide you comparisons across multiple locations. Although yield is extremely important, please see our hybrid characteristics table located near the back of the book to view additional information that you might find helpful during hybrid selection.

Thank you for your interest and support. Please support the companies that participate in our program. If you have suggestions on how we can improve our program, please contact me directly at wieboldw@missouri.edu. The MU Variety Testing Program exists to serve your needs. We want to provide you with the best information possible.



William “Bill” Wiebold

PROCEDURES

Regions and locations

The MU Variety Testing Program divides the corn growing area of Missouri into four regions: North, Central, Southeast, and Southwest. Each region contains two to five locations, depending on the tests conducted in a region. The same hybrids are tested in all locations of a test within a region. Locations for corn tests are as follows:

North Region

Albany (1), Canton (2), Mooresville (3), Novelty (4), Rock Port (5)

Central Region

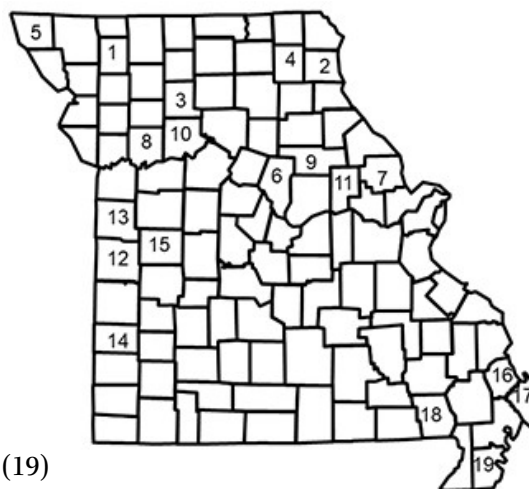
Columbia (6), Foley (7), Henrietta (8), Laddonia (9), Norborne (10), Truxton (11)

Southwest Region

Adrian (12), Garden City (13), Lamar (14), Urich (15)

Southeast Region

Blodgett (16), Charleston (17), Fisk (18), Portageville (19)



The MU Variety Testing Program depends upon and is highly appreciative of the cooperators who allow the use of their farms. Thank you, Ron Bean, Ben and Ron Beetsma, Bill Cook, Roy Cope, Larry Deimeke, Cecil DeMott, Kyle and David Durham, Nathan Goldschmidt, Nathan and Kurt Gretzinger, Tom Kurzweil, Bill Lloyd and Dan McCuthan, Don McCann, Chris Rolf, Darrel and Jim Tenholder, Tim and Blake Wade, John Williams, and the Missouri Agriculture Experiment Station.

Entries

All seed companies were eligible to enter hybrids into the 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.

Test descriptions

Non-Irrigated Corn Test consists of five locations in the North Region, five locations in the Central Region, and three locations in the Southwest Region. Plots were not irrigated in this test.

Irrigated Corn Test consists of two locations in the Central Region, three locations in the Southwest Region, and four locations in the Southeast Region. Plots were irrigated as weather conditions warranted.

Field plot design and plot management

Hybrids were randomly arranged in the field according to a lattice design with three replications. At all locations, plots were four rows wide (10 feet) and 27 feet long. All tests were planted and harvested with commercial equipment modified for small plot work. Row spacing for all corn tests was 30 inches. Planting rates were 30,000 kernels/acre for the Non-Irrigated Corn Test and 38,000 kernels/acre for the Irrigated Corn Test. The center two rows of each plot were harvested to determine yield.

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 performed as required. Management details varied among locations and are specified in individual regional crop management summaries.

Data recorded

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 grain moisture content of 15.5% and expressed as bushels/acre.

Comparing varieties

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

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

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

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

Accessibility of data

Results of the crop performance tests are available in print format (region summaries only) and online at varietytesting.missouri.edu. If you need help accessing the website or would like to receive a printed copy, please call 573-882-2307.

Authors

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CROP MANAGEMENT AT TEST LOCATIONS

Adrian

Region/Test: Southwest Irrigated
Cooperator: Darrel and Jim Tenholder
Tillage: Minimum tillage
Planting date: June 11
Harvest date: Nov. 5
Herbicides: Revulin Q, Atrazine

Canton

Region/Test: North Non-irrigated
Cooperator: Bill Lloyd and Dan McCuthan
Tillage: Conventional tillage
Planting date: May 16
Harvest date: Oct. 17
Nitrogen (pounds/acre): 200
Herbicides: Atrazine, Resicore, Roundup, Liberty

Charleston

Region/Test: Southeast Irrigated
Cooperator: Don McCann
Tillage: Conventional tillage
Planting date: May 28
Harvest date: Sept. 24

Columbia

Region/Test: Central Non-irrigated
Cooperator: Missouri Ag Exp. Station
Tillage: Conventional tillage
Planting date: May 6
Harvest date: Oct. 2
Nitrogen (pounds/acre): 180
Herbicides: Atrazine, Resicore, Roundup, Liberty, Revulin Q

Columbia

Region/Test: Central Irrigated
Cooperator: Missouri Ag Exp. Station
Tillage: Conventional tillage
Planting date: April 26
Harvest date: Oct. 1
Nitrogen (pounds/acre): 180
Herbicides: Atrazine, Resicore, Roundup, Liberty, Revulin Q

Fisk

Region/Test: Southeast Irrigated
Cooperator: Nathan Goldschmidt
Tillage: Conventional tillage
Planting date: April 29
Harvest date: Sept. 18
Nitrogen (pounds/acre): 200
Herbicides: Atrazine, Resicore, Roundup, Medal EC, Callisto, Status

Garden City

Region/Test: Southwest Non-Irrigated
Cooperator: Bill Cook
Tillage: Conventional tillage
Planting date: April 17
Harvest date: Sept. 26
Nitrogen (pounds/acre): 110
Herbicides: Atrazine, Resicore, Roundup, Liberty, Revulin Q

Garden City

Region/Test: Southwest Irrigated
Cooperator: Tom Kurzweil
Tillage: Conventional tillage
Planting date: April 17
Harvest date: Oct. 18
Herbicides: Atrazine, Resicore, Roundup, Liberty, Revulin Q

Henrietta

Region/Test: Central Non-irrigated
Cooperator: John Williams
Tillage: Minimum tillage
Planting date: April 25
Harvest date: Sept. 19
Nitrogen (pounds/acre):
Herbicides: Revulin Q, Atrazine

Mooreville

Region/Test: North Non-irrigated
Cooperator: Ben and Ron Beetsma
Tillage: Conventional Tillage
Planting date: April 26
Harvest date: Sept. 20
Nitrogen (pounds/acre): 190
Herbicides: Bicep II Magnum, Explorer, Revulin Q, Atrazine

Norborne

Region/Test: Central Non-irrigated
Cooperator: Kyle and David Durham
Tillage: Minimum tillage
Planting date: April 24
Harvest date: Oct. 9
Nitrogen (pounds/acre): 200
Herbicides (pre): Atrazine, Acuron
Insecticides: Mustang

Novelty

Region/Test: North Non-irrigated
Cooperator: Missouri Ag Exp. Station
Tillage: Minimum tillage
Planting date: May 11
Harvest date: Oct. 22
Nitrogen (pounds/acre): 180 lbs
Herbicides: Atrazine, Resicore, Roundup

Portageville

Region/Test: Southeast Irrigated
Cooperator: Missouri Ag Exp. Station
Tillage: Conventional tillage
Planting date: April 23
Harvest date: Sept. 12
Nitrogen (pounds/acre): 225
Herbicides: Atrazine, Resicore, Roundup,
Dual, Status

Rock Port

Region/Test: North Non-irrigated
Cooperator: Cecil DeMott
Tillage: Conventional tillage
Planting date: April 19
Harvest date: Oct. 26
Herbicides: Atrazine, Resicore, Roundup,
Revulin Q

Truxton

Region/Test: Central Non-irrigated
Cooperator: Roy Cope
Tillage: No tillage
Planting date: May 20
Harvest date: Oct. 14
Nitrogen (pounds/acre): 135
Herbicides: Atrazine, Resicore, Roundup, Liberty,
Revulin Q

Urich

Region/Test: Southwest Non-irrigated
Cooperator: Nathan and Kurt Gretzinger
Tillage: Minimum till
Planting date: June 11
Harvest date: Nov. 4
Nitrogen (pounds/acre): 170
Herbicides: Atrazine, Resicore, Roundup

SOIL AND WEATHER INFORMATION FOR TEST LOCATIONS

| Location | Soil type | Precipitation (inches) | | | | Season |
|-----------------|-----------------------|------------------------|------|------|--------|--------|
| | | May | June | July | August | |
| Albany | Grundy silt loam | 11.5 | 6.3 | 3.7 | 6.7 | 28.2 |
| Adrian | Kenoma silt loam | 9.5 | 6.5 | 5.7 | 10.7 | 32.4 |
| Blodgett | Scotco sand | 6.7 | 5.4 | 7.5 | 4.4 | 24.0 |
| Fisk | Calhoun silt loam | 10.8 | 8.3 | 4.9 | 4.9 | 28.8 |
| Foley | Kampville silt loam | 5.1 | 6.4 | 8.5 | 7.0 | 27.0 |
| Laddonia | Mexico silt loam | 5.6 | 5.3 | 6.1 | 4.9 | 21.9 |
| Portageville | Tiptonville silt loam | 6.7 | 5.6 | 6.6 | 7.8 | 26.7 |
| Canton | Westerville silt loam | 10.1 | 5.4 | 2.4 | 3.3 | 21.1 |
| Charleston | Dundee silt loam | 7.0 | 5.7 | 6.0 | 2.6 | 21.3 |
| Columbia | Mexico silt loam | 5.3 | 6.4 | 4.4 | 4.9 | 20.9 |
| Rock Port | Napier silt loam | 12.2 | 4.3 | 9.0 | 4.7 | 30.1 |
| Garden City Irr | Haig silt loam | 10.3 | 6.2 | 7.4 | 10.9 | 34.9 |
| Garden City Dry | Kenoma silt loam | 10.3 | 6.2 | 7.4 | 10.9 | 34.9 |
| Henrietta | Haynie silt loam | 7.6 | 5.0 | 4.7 | 6.0 | 23.3 |
| Lamar | Parsons silt loam | 16.9 | 7.6 | 6.3 | 7.6 | 38.4 |
| Mooresville | Grundy silt loam | 11.5 | 6.6 | 5.0 | 7.3 | 30.4 |
| Norborne | Norborne loam | 8.5 | 6.6 | 5.2 | 6.3 | 26.7 |
| Novelty | Putnam silt loam | 15.4 | 8.0 | 2.7 | 4.1 | 30.2 |
| Truxton | Mexico silt loam | 5.2 | 6.5 | 4.2 | 6.7 | 22.6 |
| Urich | Hartwell silt loam | 8.7 | 6.7 | 9.4 | 8.5 | 33.3 |

NORTH REGION — NON-IRRIGATED CORN TEST

Summary

| Brand-Hybrid | Rock Port (bu/ac) | Mooreville (bu/ac) | Novelty (bu/ac) | Canton (bu/ac) | Mean (bu/ac) |
|---------------------------|----------------------|-----------------------|--------------------|-------------------|-----------------|
| Midland 770PR DG | 246.2 | 204.8 | 235.2* | 321.1** | 251.8** |
| FS InVISION FS 6595V RIB | 268.5* | 196.8 | 235.3* | 300.6* | 250.3* |
| LG Seeds LG5643VT2RIB | 275.7** | 198.8 | 230.1* | 293.7 | 249.6* |
| FS InVISION FS 64SV1 RIB | 244.3 | 217.4* | 227.1* | 291.8 | 245.2* |
| AgVenture AV8915AM | 241.4 | 214.3 | 228.5* | 296.4 | 245.2* |
| Midland 570PR | 244.4 | 223.5* | 226.5 | 276.4 | 242.7* |
| Pioneer P1197AM | 249.5 | 195.6 | 212.9 | 305.0* | 240.8* |
| Prairie Hybrids 8759 | 246.7 | 229.3* | 210.1 | 273.3 | 239.9* |
| Nutech Seed 5FB-6313AM | 243.6 | 182.2 | 223.8 | 298.7* | 237.1* |
| FS InVISION FS 63ZV1 RIB | 230.1 | 190.6 | 222.0 | 302.4* | 236.3* |
| NK Brand NK0821-3120A | 240.2 | 230.9** | 210.3 | 260.4 | 235.5* |
| AgVenture AV8714AM | 229.4 | 197.2 | 213.5 | 300.4* | 235.1* |
| AgVenture AV8513AM | 228.7 | 204.1 | 226.1 | 279.5 | 234.6 |
| Dekalb DKC65-95 | 229.5 | 187.6 | 235.8** | 282.4 | 233.8 |
| Nutech Seed 75G1AM | 241.5 | 202.9 | 228.1* | 259.3 | 233.0 |
| FS InVISION FS 6194V RIB | 234.1 | 203.3 | 232.6* | 260.7 | 232.7 |
| Prairie Hybrids 8904 | 236.3 | 220.0* | 219.1 | 251.0 | 231.6 |
| AgVenture AV8614AM | 258.2 | 195.6 | 217.9 | 254.1 | 231.5 |
| MFA MorCorn 4457 VT2P RIB | 239.5 | 184.8 | 231.0* | 270.1 | 231.4 |
| Mycogen REV 24BHR70 | 229.8 | 202.0 | 211.8 | 280.9 | 231.1 |
| LG Seeds LG5650VT2RIB | 231.6 | 208.8 | 223.2 | 260.8 | 231.1 |
| Nutech Seed 5FB7215AM | 236.6 | 190.7 | 223.1 | 272.2 | 230.7 |
| Dyna-Gro D52VC63 | 236.9 | 208.3 | 203.3 | 273.1 | 230.4 |
| FS InVISION FS 62ZV1 RIB | 236.1 | 222.9* | 216.9 | 244.8 | 230.2 |
| NK Brand NK1082-3330A | 241.5 | 166.9 | 228.6* | 283.9 | 230.2 |
| NK Brand NK1433-3120 | 238.2 | 196.2 | 219.1 | 265.8 | 229.8 |
| Mycogen REV 24BHR71 | 233.8 | 167.4 | 225.0 | 287.8 | 228.5 |
| AgVenture RL8537AM | 216.9 | 204.3 | 217.8 | 270.1 | 227.3 |
| Nutech Seed 5FB-9909AM | 244.5 | 165.5 | 213.3 | 282.7 | 226.5 |
| NK Brand NK1205-3120 | 226.0 | 187.3 | 204.7 | 287.7 | 226.4 |
| Nutech Seed 5FB-2213AM | 224.1 | 187.5 | 228.8* | 264.8 | 226.3 |
| Midland 429PR | 231.6 | 203.0 | 218.6 | 250.6 | 226.0 |
| Nutech Seed 5FB-1111AM | 224.7 | 171.5 | 202.4 | 302.1* | 225.2 |
| Nutech Seed 74J1AML | 238.8 | 186.2 | 205.5 | 270.1 | 225.2 |
| MFA MorCorn 4255 VT2P RIB | 228.5 | 227.0* | 206.6 | 237.7 | 225.0 |
| Nutech Seed 75D2AM | 246.0 | 187.5 | 223.2 | 243.3 | 225.0 |
| LG Seeds LG62C35VT2PRO | 240.3 | 179.1 | 207.8 | 271.7 | 224.7 |
| AgVenture AV8113AM | 231.5 | 180.6 | 228.4* | 256.8 | 224.3 |
| FS InVISION FS 67SV1 RIB | 230.8 | 184.1 | 227.8* | 249.2 | 223.0 |
| Midland 430PR | 224.2 | 202.0 | 218.7 | 245.7 | 222.7 |
| AgVenture AV7110AM | 225.8 | 166.9 | 202.8 | 294.9 | 222.6 |

North Region — Non-Irrigated (continued)

| Brand-Hybrid | Rock Port (bu/ac) | Mooreville (bu/ac) | Novelty (bu/ac) | Canton (bu/ac) | Mean (bu/ac) |
|----------------------------|------------------------------|-------------------------------|----------------------------|---------------------------|-------------------------|
| Nutech Seed 68B3AML | 230.0 | 192.2 | 211.9 | 252.6 | 221.7 |
| FS InVISION FS 60UV1 RIB | 230.1 | 209.5 | 211.2 | 232.6 | 220.9 |
| AgVenture RL7844AM | 240.6 | 164.9 | 208.8 | 268.8 | 220.8 |
| AgVenture AV7608AM | 236.5 | 190.7 | 214.1 | 235.6 | 219.2 |
| MFA MorCorn 3617 VT2P RIB | 253.0 | 205.2 | 196.3 | 222.0 | 219.1 |
| FS InVISION FS 66ZV1 RIB | 217.8 | 199.6 | 210.1 | 233.5 | 215.3 |
| Nutech Seed 5FB-8808AM | 239.9 | 208.6 | 204.2 | 208.5 | 215.3 |
| LG Seeds LG62C02VT2RIB | 248.0 | 165.8 | 196.0 | 250.9 | 215.2 |
| Dyna-Gro D51VC67 | 240.1 | 202.5 | 221.9 | 192.1 | 214.2 |
| Dekalb DKC62-53 | 240.7 | 211.7 | 216.4 | 178.9 | 211.9 |
| MFA MorCorn 4319 VT2P RIB | 235.3 | 207.1 | 208.5 | 195.5 | 211.6 |
| Prairie Hybrids 7387 | 226.6 | 198.1 | 206.7 | 210.1 | 210.4 |
| FS InVISION FS 62TV1DG RIB | 227.9 | 181.9 | 206.8 | 216.6 | 208.3 |
| LG Seeds LG64C30TRCRIB | 239.4 | 168.3 | 204.8 | 210.1 | 205.7 |
| Mean | 237.1 | 195.7 | 217.3 | 262.9 | 228.2 |
| LSD (10%) | 10.8 | 16.2 | 8.7 | 26.3 | 17.0 |
| CV (%) | 4.3 | 7.9 | 3.8 | 9.5 | 7.0 |

** Highest yielding variety in test

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

CENTRAL REGION — NON-IRRIGATED CORN TEST

Summary

| Brand-Hybrid | Henrietta (bu/ac) | Norborne (bu/ac) | Columbia (bu/ac) | Truxton (bu/ac) | Mean (bu/ac) |
|---------------------------|----------------------|---------------------|---------------------|--------------------|-----------------|
| NK Brand NK1082-3330A | 272.8* | 257.8 | 217.7* | 270.5 | 254.7** |
| Midland 570PR | 259.0 | 254.7 | 225.6** | 274.9 | 253.6* |
| FS InVISION FS 6595V RIB | 285.4* | 265.8 | 218.8* | 241.4 | 252.9* |
| FS InVISION FS 6194V RIB | 260.3 | 297.5** | 199.0 | 244.5 | 250.3* |
| LG Seeds LG5643VT2RIB | 290.6** | 256.5 | 204.4 | 240.3 | 248.0* |
| AgVenture AV8714AM | 252.4 | 289.9* | 215.4* | 233.5 | 247.8* |
| Nutech Seed 78A1AM | 257.5 | 259.3 | 202.5 | 271.2 | 247.6* |
| Nutech Seed 74J1AML | 260.5 | 275.0 | 183.9 | 267.2 | 246.7* |
| Pioneer P1197AM | 270.7 | 258.8 | 204.6 | 249.3 | 245.9* |
| AgVenture RL7844AM | 260.4 | 255.7 | 202.0 | 265.0 | 245.8* |
| MFA MorCorn 4457 VT2P RIB | 275.2* | 270.4 | 213.5 | 220.2 | 244.8* |
| Midland 430PR | 288.1* | 237.9 | 210.6 | 241.7 | 244.6* |
| Dyna-Gro D52VC63 | 266.3 | 270.3 | 210.9 | 229.4 | 244.2* |
| Dekalb DKC65-95 | 238.3 | 277.1 | 198.7 | 258.5 | 243.2* |
| Nutech Seed 75G1AM | 259.0 | 254.6 | 212.7 | 246.0 | 243.1* |
| Nutech Seed 5FB7215AM | 243.3 | 291.5* | 197.1 | 240.3 | 243.1* |
| LG Seeds LG62C35VT2PRO | 272.7* | 256.9 | 215.9* | 226.4 | 243.0* |
| Nutech Seed 5FB-2213AM | 233.0 | 233.4 | 202.5 | 300.5** | 242.4* |
| AgVenture RL8537AM | 262.8 | 241.2 | 205.1 | 254.8 | 241.0* |
| Dyna-Gro D54VC14 | 266.3 | 259.8 | 218.8* | 212.6 | 239.4* |
| NK Brand NK1433-3120 | 278.7* | 247.6 | 204.6 | 225.5 | 239.1* |
| Dekalb DKC62-53 | 257.4 | 245.9 | 197.0 | 255.7 | 239.0* |
| FS InVISION FS 62ZV1 RIB | 250.8 | 267.0 | 209.0 | 227.8 | 238.7* |
| Nutech Seed 5FB-6313AM | 258.9 | 244.6 | 215.9* | 233.7 | 238.3* |
| FS InVISION FS 63ZV1 RIB | 241.5 | 255.1 | 196.0 | 255.9 | 237.1* |
| Midland 735PR | 250.2 | 262.7 | 205.3 | 228.4 | 236.7 |
| LG Seeds LG64C30TRCRIB | 247.1 | 282.4* | 207.3 | 209.8 | 236.7 |
| NK Brand NK1205-3120 | 261.1 | 263.6 | 204.8 | 216.8 | 236.6 |
| FS InVISION FS 64SV1 RIB | 232.6 | 215.6 | 221.4* | 276.2 | 236.5 |
| Nutech Seed 75D2AM | 239.9 | 260.9 | 194.7 | 249.0 | 236.1 |
| Midland 429PR | 265.8 | 244.3 | 203.7 | 229.1 | 235.7 |
| Mycogen REV 24BHR70 | 244.7 | 264.6 | 201.5 | 231.0 | 235.5 |
| NK Brand NK1573-3330 | 262.6 | 260.9 | 212.9 | 203.9 | 235.1 |
| LG Seeds LG5650VT2RIB | 280.0* | 220.1 | 201.9 | 237.3 | 234.8 |
| FS InVISION FS 66ZV1 RIB | 260.1 | 262.4 | 192.7 | 220.8 | 234.0 |
| AgVenture AV8614AM | 276.0* | 249.5 | 194.6 | 214.3 | 233.6 |
| Nutech Seed 5FB-9909AM | 260.9 | 240.2 | 203.5 | 227.0 | 232.9 |
| AgVenture AV8915AM | 245.5 | 253.2 | 190.8 | 235.9 | 231.4 |
| AgVenture AV8513AM | 246.1 | 259.9 | 193.0 | 226.5 | 231.4 |
| Nutech Seed 68B3AML | 258.7 | 242.8 | 200.7 | 214.2 | 229.1 |
| Mycogen REV 24BHR71 | 257.1 | 266.8 | 196.1 | 195.6 | 228.9 |

Central Region — Non-Irrigated (continued)

| Brand-Hybrid | Henrietta (bu/ac) | Norborne (bu/ac) | Columbia (bu/ac) | Truxton (bu/ac) | Mean (bu/ac) |
|----------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|
| LG Seeds LG62C02VT2RIB | 243.1 | 234.6 | 192.3 | 237.6 | 226.9 |
| MFA MorCorn 4255 VT2P RIB | 235.3 | 233.0 | 189.8 | 247.8 | 226.5 |
| MFA MorCorn 3617 VT2P RIB | 241.8 | 246.7 | 198.0 | 218.4 | 226.2 |
| Midland 656PR | 249.1 | 244.7 | 203.8 | 206.8 | 226.1 |
| AgVenture AV7608AM | 239.1 | 221.8 | 208.9 | 231.9 | 225.4 |
| Midland 669PR | 243.9 | 249.5 | 215.1* | 190.6 | 224.8 |
| MFA MorCorn 4319 VT2P RIB | 239.9 | 262.4 | 186.4 | 203.1 | 223.0 |
| FS InVISION FS 67SV1 RIB | 278.4* | 197.7 | 188.2 | 208.0 | 218.1 |
| Midland 770PR DG | 236.0 | 236.3 | 194.6 | 197.2 | 216.0 |
| AgVenture AV8113AM | 238.9 | 257.7 | 190.0 | 176.8 | 215.9 |
| Nutech Seed 5FB-1111AM | 214.6 | 241.4 | 193.4 | 212.4 | 215.5 |
| Nutech Seed 5FB-8808AM | 243.7 | 210.5 | 203.9 | 193.2 | 212.8 |
| AgVenture AV7110AM | 229.3 | 195.3 | 182.9 | 237.2 | 211.2 |
| FS InVISION FS 60UV1 RIB | 238.5 | 233.9 | 163.2 | 201.7 | 209.3 |
| FS InVISION FS 62TV1DG RIB | 222.0 | 205.7 | 200.8 | 197.3 | 206.5 |
| Mean | 255.2 | 251.3 | 202.4 | 231.0 | 235.0 |
| LSD (10%) | 19.5 | 16.7 | 11.3 | 21.9 | 17.9 |
| CV (%) | 7.3 | 6.3 | 5.3 | 9.0 | 7.2 |

** Highest yielding variety in test

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

CENTRAL REGION — IRRIGATED CORN TEST

Columbia

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---------------------------|---------------|--------------|-------------|
| Dyna-Gro D55VC80 | 297.7** | 18.6 | 1 |
| MFA MorCorn 4457 VT2P RIB | 286.8* | 17.5 | 1 |
| Dekalb DKC65-95 | 283.3* | 17.3 | 1 |
| Dyna-Gro D57VC17 | 281.3 | 17.5 | 1 |
| AgVenture AV4509AM | 276.5 | 15.4 | 1 |
| Dekalb DKC62-53 | 273.2 | 15.5 | 1 |
| Nutech Seed 5FB-1111AM | 272.3 | 17.8 | 1 |
| Pioneer P1197AM | 271.9 | 16.4 | 1 |
| Nutech Seed 5FB-9909AM | 271.9 | 14.4 | 1 |
| Nutech Seed 75G1AM | 271.9 | 19.0 | 1 |
| AgVenture AV8915AM | 265.9 | 17.6 | 1 |
| MFA MorCorn 4255 VT2P RIB | 265.6 | 16.5 | 1 |
| MFA MorCorn 4319 VT2P RIB | 264.2 | 18.0 | 1 |
| Mycogen REV 24BHR71 | 263.6 | 18.3 | 1 |
| AgVenture AV8714AM | 263.0 | 17.4 | 1 |
| Nutech Seed 5FB7215AM | 259.7 | 17.7 | 1 |
| Nutech Seed 78A1AM | 259.5 | 18.0 | 1 |
| Nutech Seed 68B3AML | 258.8 | 15.5 | 1 |
| Nutech Seed 74J1AML | 257.0 | 18.3 | 1 |
| Nutech Seed 5FB-2213AM | 254.7 | 17.1 | 1 |
| Nutech Seed 5FB-6313AM | 253.3 | 17.3 | 1 |
| Nutech Seed 5FB-8808AM | 252.8 | 15.2 | 1 |
| AgVenture AV7110AM | 249.2 | 15.6 | 2 |
| Mycogen REV 24BHR70 | 247.8 | 17.2 | 2 |
| AgVenture AV8113AM | 247.2 | 17.3 | 1 |
| AgVenture AV8614AM | 246.2 | 17.7 | 1 |
| MFA MorCorn 3617 VT2P RIB | 245.1 | 14.8 | 1 |
| AgVenture AV8513AM | 243.6 | 16.5 | 1 |
| Mean | 265.3 | 17.0 | 1.1 |
| LSD (10%) | 16.1 | 0.7 | 0.2 |
| CV (%) | 5.8 | 3.7 | 19.0 |

** Highest yielding variety in test

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

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION — NON-IRRIGATED CORN TEST

Summary

| Brand-Hybrid | Garden City (bu/ac) | Urich (bu/ac) | Mean (bu/ac) |
|---------------------------|------------------------|------------------|-----------------|
| Dekalb DKC67-44 | 204.9* | 185.3* | 195.1** |
| Midland 669PR | 209.5** | 172.8 | 191.2* |
| Midland 770PR DG | 188.4 | 182.6* | 185.5* |
| Midland 570PR | 185.3 | 182.1* | 183.7* |
| NK Brand NK0821-3120A | 170.3 | 189.1** | 179.7* |
| Pioneer P1197AM | 194.2 | 160.5 | 177.4 |
| Nutech Seed 75D2AM | 177.1 | 168.8 | 173.0 |
| Nutech Seed 5FB7215AM | 193.0 | 152.3 | 172.7 |
| MFA MorCorn 4255 VT2P RIB | 173.4 | 171.7 | 172.6 |
| Dekalb DKC65-95 | 178.0 | 164.2 | 171.1 |
| Nutech Seed 5FB-6313AM | 204.5* | 132.9 | 168.7 |
| Mycogen REV 24BHR70 | 191.6 | 144.9 | 168.3 |
| Mycogen REV 24BHR71 | 177.6 | 157.8 | 167.7 |
| Nutech Seed 5FB-9909AM | 193.0 | 138.3 | 165.7 |
| MFA MorCorn 4457 VT2P RIB | 147.4 | 174.7 | 161.1 |
| Midland 430PR | 173.8 | 146.8 | 160.3 |
| MFA MorCorn 4319 VT2P RIB | 168.3 | 151.6 | 160.0 |
| Nutech Seed 5FB-2213AM | 143.5 | 175.5 | 159.5 |
| NK Brand NK1433-3120 | 143.0 | 172.6 | 157.8 |
| Nutech Seed 75G1AM | 154.6 | 155.8 | 155.2 |
| MFA MorCorn 3617 VT2P RIB | 161.5 | 144.0 | 152.8 |
| Nutech Seed 78A1AM | 160.3 | 140.0 | 150.2 |
| NK Brand NK1082-3330A | 138.5 | 161.1 | 149.8 |
| Nutech Seed 68B3AML | 154.1 | 140.5 | 147.3 |
| NK Brand NK1205-3120 | 152.8 | 141.6 | 147.2 |
| Nutech Seed 74J1AML | 165.7 | 126.9 | 146.3 |
| Nutech Seed 5FB-1111AM | 152.0 | 134.8 | 143.4 |
| Nutech Seed 5FB-8808AM | 132.7 | 138.7 | 135.7 |
| Mean | 172.0 | 156.6 | 164.3 |
| LSD (10%) | 13.4 | 10.7 | 17.3 |
| CV (%) | 7.4 | 6.5 | 7.0 |

** Highest yielding variety in test

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

SOUTHWEST REGION — IRRIGATED CORN TEST

Adrian

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---------------------------|---------------|--------------|-------------|
| Nutech Seed 75G1AM | 261.5** | 18.7 | 2 |
| Midland 770PR DG | 253.9* | 16.8 | 1 |
| Dekalb DKC65-95 | 247.6* | 15.6 | 2 |
| Midland 570PR | 245.1* | 16.5 | 1 |
| Dekalb DKC67-44 | 244.5* | 16.4 | 2 |
| Nutech Seed 5FB-2213AM | 238.7 | 16.1 | 2 |
| MFA MorCorn 4255 VT2P RIB | 236.8 | 15.4 | 2 |
| Midland 735PR | 235.8 | 19.8 | 1 |
| MFA MorCorn 3617 VT2P RIB | 234.1 | 15.0 | 2 |
| Nutech Seed 5FB7215AM | 233.6 | 16.4 | 1 |
| Pioneer P1197AM | 233.2 | 14.7 | 1 |
| Nutech Seed 78A1AM | 231.6 | 18.1 | 2 |
| Mycogen REV 24BHR71 | 229.7 | 19.5 | 2 |
| MFA MorCorn 4319 VT2P RIB | 227.2 | 15.9 | 1 |
| Nutech Seed 5FB-1111AM | 226.3 | 14.8 | 1 |
| Nutech Seed 5FB-9909AM | 221.7 | 14.1 | 2 |
| Midland 429PR | 219.0 | 14.9 | 2 |
| Nutech Seed 5FB-6313AM | 206.1 | 16.1 | 2 |
| Mycogen REV 24BHR70 | 204.4 | 18.3 | 1 |
| MFA MorCorn 4457 VT2P RIB | 203.2 | 15.9 | 2 |
| Nutech Seed 68B3AML | 202.2 | 15.5 | 2 |
| Nutech Seed 5FB-8808AM | 197.2 | 14.5 | 1 |
| Nutech Seed 74J1AML | 195.9 | 17.9 | 1 |
| Mean | 224.4 | 16.2 | 1.0 |
| LSD (10%) | 19.8 | 0.5 | 0.7 |
| CV (%) | 8.3 | 2.8 | 41.0 |

** Highest yielding variety in test

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

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION — IRRIGATED CORN TEST

Summary

| Brand-Hybrid | Charleston (bu/ac) | Fisk (bu/ac) | Portageville (bu/ac) | Mean (bu/ac) |
|---------------------------|-----------------------|-----------------|-------------------------|-----------------|
| MFA MorCorn 4457 VT2P RIB | 203.8* | 238.7 | 257.8* | 233.4** |
| AgriGold A6572VT2RIB | 213.4** | 243.8 | 241.0 | 232.7* |
| Local Seed LC1577 VT2D | 188.0 | 256.0* | 249.5 | 231.2* |
| AgriGold A6544VT2RIB | 192.8 | 235.2 | 265.1** | 231.0* |
| Dekalb DKC70-27 | 189.2 | 246.4 | 253.4* | 229.7* |
| AgVenture AV8614 YHB | 175.9 | 260.0* | 251.2 | 229.0* |
| Armor X9115 | 203.6* | 237.7 | 245.1 | 228.8* |
| Mycogen REV 24BHR70 | 191.1 | 249.9 | 244.5 | 228.5* |
| Dekalb DKC67-44 | 206.5* | 252.1 | 226.7 | 228.4* |
| Taylor Exp 88-16 | 201.5* | 249.7 | 229.6 | 226.9* |
| AgriGold A645-16VT2PRO | 189.7 | 253.6* | 236.9 | 226.7* |
| Dyna-Gro D57VC17 | 195.5 | 237.1 | 239.4 | 224.0* |
| AgVenture AV7516 YHB | 190.9 | 221.3 | 259.4* | 224.0* |
| Taylor Exp 88-13 | 187.1 | 236.6 | 247.6 | 223.8* |
| FS InVISION FS 6595V RIB | 184.0 | 246.0 | 239.7 | 223.2* |
| Armor X9110 | 187.9 | 241.6 | 239.4 | 223.0* |
| LG Seeds LG64C30TRCRIB | 189.8 | 251.9 | 227.0 | 222.9* |
| FS InVISION FS 64SV1 RIB | 189.1 | 227.8 | 251.7 | 222.9* |
| AgriGold A644-32TRCRIB | 185.4 | 246.9 | 228.1 | 220.1* |
| LG Seeds LG5650VT2RIB | 172.0 | 244.7 | 241.5 | 219.4 |
| Terral Seed REV 28BHR18 | 175.9 | 228.8 | 249.9 | 218.2 |
| Terral Seed REV 25BHR89 | 161.9 | 238.8 | 253.4* | 218.0 |
| Local Seed LC1586 TC | 197.4 | 225.0 | 230.8 | 217.7 |
| Local Seed LCX16-91 | 180.3 | 234.4 | 237.7 | 217.5 |
| MFA MorCorn 3617 VT2P RIB | 183.6 | 261.5** | 207.3 | 217.5 |
| MFA MorCorn 4255 VT2P RIB | 175.9 | 245.3 | 230.6 | 217.3 |
| Croplan C6027 | 175.7 | 232.8 | 242.8 | 217.1 |
| Mycogen REV 24BHR71 | 177.0 | 247.5 | 226.0 | 216.8 |
| AgriGold A647-46VT2PRO | 177.6 | 242.1 | 228.7 | 216.1 |
| Dyna-Gro D58VC65 | 181.4 | 239.0 | 226.6 | 215.7 |
| AgriGold A6659VT2RIB | 165.0 | 241.9 | 237.6 | 214.8 |
| FS InVISION FS 67SV1 RIB | 189.9 | 238.6 | 215.7 | 214.7 |
| FS InVISION FS 62ZV1 RIB | 178.7 | 229.8 | 232.8 | 213.8 |
| Local Seed LC0877 VT2P | 176.2 | 219.3 | 244.8 | 213.4 |
| Local Seed LC1878 VT2P | 167.3 | 251.7 | 220.4 | 213.1 |
| Armor A1118 | 158.3 | 235.0 | 242.1 | 211.8 |
| Local Seed LC1987 VT2P | 180.9 | 235.4 | 217.3 | 211.2 |
| Croplan C5678 | 179.3 | 217.4 | 236.5 | 211.1 |
| Local Seed LC1488 VT2P | 166.9 | 224.5 | 236.9 | 209.4 |
| Taylor Exp 88-14 | 167.2 | 228.4 | 230.6 | 208.7 |
| Terral Seed REV 24BHR99 | 167.8 | 236.5 | 218.4 | 207.6 |

| Brand-Hybrid | Charleston (bu/ac) | Fisk (bu/ac) | Portageville (bu/ac) | Mean (bu/ac) |
|----------------------------|-------------------------------|-------------------------|---------------------------------|-------------------------|
| FS InVISION FS 60UV1 RIB | 184.1 | 216.3 | 221.9 | 207.4 |
| Pioneer P1197AM | 176.0 | 233.5 | 212.3 | 207.3 |
| Local Seed LC1289 VT2P | 165.4 | 232.8 | 222.8 | 207.0 |
| Local Seed LC1776 VT2P | 161.2 | 229.6 | 227.8 | 206.2 |
| MFA MorCorn 4319 VT2P RIB | 167.9 | 228.6 | 221.8 | 206.1 |
| Local Seed LCX11-91 | 158.2 | 234.8 | 223.4 | 205.5 |
| Armor A1299 | 159.2 | 226.4 | 229.8 | 205.1 |
| FS InVISION FS 6194V RIB | 184.6 | 185.8 | 244.0 | 204.8 |
| FS InVISION FS 62TV1DG RIB | 155.3 | 230.8 | 220.7 | 202.3 |
| Local Seed LCX17-98 | 164.8 | 223.5 | 215.1 | 201.1 |
| FS InVISION FS 63ZV1 RIB | 159.3 | 226.0 | 201.6 | 195.6 |
| FS InVISION FS 66ZV1 RIB | 163.6 | 204.9 | 214.1 | 194.2 |
| Mean | 181.9 | 236.1 | 235.5 | 217.8 |
| LSD (10%) | 13.1 | 9.1 | 12.7 | 13.7 |
| CV (%) | 6.8 | 6.3 | 6.1 | 6.5 |

** Highest yielding variety in test

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

CHARACTERISTICS FOR CORN HYBRIDS

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.

| Brand/Hybrid | Maturity ¹ | Seed Treatment ² | Biotechnology traits | | | |
|----------------------------|-----------------------|---------------------------------|------------------------|-----|---------------------|----|
| | | | Herbicide ³ | | Insect ⁴ | |
| | | | Gly | Glu | AG | BG |
| AgriGold A644-32TRCRIB | 114 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A645-16VT2PRO | 115 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A647-46VT2PRO | 117 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6544VT2RIB | 113 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6572VT2RIB | 114 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6659VT2RIB | 116 | Poncho 500 + Votivo | Y | N | Y | N |
| AgVenture AV4509AM | 109 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV7110AM | 110 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV7516 YHB | 116 | N/I | Y | Y | Y | N |
| AgVenture AV7608AM | 108 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV8113AM | 113 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV8513AM | 113 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV8614 YHB | 114 | N/I | Y | Y | Y | N |
| AgVenture AV8614AM | 114 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV8714AM | 114 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture AV8915AM | 115 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture RL7844AM | 110 | Poncho 500 + Votivo | Y | Y | Y | N |
| AgVenture RL8537AM | 113 | Poncho 500 + Votivo | Y | Y | Y | N |
| Armor A1118 | 111 | A500 | Y | N | Y | N |
| Armor A1299 | 112 | A500 | Y | N | Y | N |
| Armor X9110 | 110 | A500 | Y | N | Y | N |
| Armor X9115 | 115 | A500HFBNS | Y | N | Y | N |
| Croplan C5678 | 116 | A500 | Y | N | Y | N |
| Croplan C6027 | 119 | A500 | Y | N | Y | N |
| Dekalb DKC62-53 | 112 | N/I | Y | N | Y | N |
| Dekalb DKC65-95 | 115 | N/I | Y | N | Y | N |
| Dekalb DKC67-44 | 117 | N/I | Y | N | Y | N |
| Dekalb DKC70-27 | 120 | N/I | Y | N | Y | N |
| Dyna-Gro D51VC67 | 111 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D52VC63 | 112 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D54VC14 | 114 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D55VC80 | 115 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D57VC17 | 117 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D58VC65 | 118 | Acceleron 500 | Y | N | Y | N |
| FS InVISION FS 60UV1 RIB | 110 | Poncho 250 | Y | Y | Y | Y |
| FS InVISION FS 6194V RIB | 111 | P500/VOTiVO + B300 + B360 + EDC | Y | N | Y | N |
| FS InVISION FS 62TV1DG RIB | 112 | Poncho 250 | Y | N | Y | N |

| Brand/Hybrid | Maturity ¹ | Seed Treatment ² | Biotechnology traits | | | |
|---------------------------|-----------------------|---------------------------------|------------------------|-----|---------------------|----|
| | | | Herbicide ³ | | Insect ⁴ | |
| | | | Gly | Glu | AG | BG |
| FS InVISION FS 62ZV1 RIB | 112 | Poncho 250 | Y | N | Y | N |
| FS InVISION FS 63ZV1 RIB | 113 | Poncho 250 | Y | N | Y | N |
| FS InVISION FS 64SV1 RIB | 114 | Poncho 250 | Y | N | Y | N |
| FS InVISION FS 6595V RIB | 115 | P500/VOTiVO + B300 + B360 + EDC | Y | N | Y | N |
| FS InVISION FS 66ZV1 RIB | 116 | Poncho 250 | Y | N | Y | N |
| FS InVISION FS 67SV1 RIB | 117 | Poncho 250 | Y | N | Y | N |
| LG Seeds LG5643VT2RIB | 114 | Acceleron Poncho500 VOTiVO | Y | N | Y | N |
| LG Seeds LG5650VT2RIB | 115 | Acceleron Poncho500 VOTiVO | Y | N | Y | N |
| LG Seeds LG62C02VT2RIB | 112 | Acceleron Poncho500 VOTiVO | Y | N | Y | N |
| LG Seeds LG62C35VT2PRO | 112 | Acceleron Poncho500 VOTiVO | Y | N | Y | N |
| LG Seeds LG64C30TRCRIB | 114 | Acceleron Poncho500 VOTiVO | Y | N | Y | N |
| Local Seed LC0877 VT2P | 108 | N/I | Y | Y | Y | N |
| Local Seed LC1289 VT2P | 112 | N/I | Y | Y | Y | N |
| Local Seed LC1488 VT2P | 114 | N/I | Y | Y | Y | N |
| Local Seed LC1577 VT2D | 115 | N/I | Y | Y | Y | N |
| Local Seed LC1586 TC | 115 | N/I | Y | Y | Y | N |
| Local Seed LC1776 VT2P | 117 | N/I | Y | Y | Y | N |
| Local Seed LC1878 VT2P | 118 | N/I | Y | Y | Y | N |
| Local Seed LC1987 VT2P | 119 | N/I | Y | Y | Y | N |
| Local Seed LCX11-91 | 111 | N/I | Y | Y | Y | N |
| Local Seed LCX16-91 | 116 | N/I | Y | Y | Y | N |
| Local Seed LCX17-98 | 117 | N/I | Y | Y | Y | N |
| MFA MorCorn 3617 VT2P RIB | 106 | A250 | Y | N | Y | N |
| MFA MorCorn 4255 VT2P RIB | 112 | A250 | Y | N | Y | N |
| MFA MorCorn 4319 VT2P RIB | 113 | A250 | Y | N | Y | N |
| MFA MorCorn 4457 VT2P RIB | 114 | A250 | Y | N | Y | N |
| Midland 429PR | 110 | Acceleron 250 | Y | N | Y | N |
| Midland 430PR | 110 | Acceleron 250 | Y | N | Y | N |
| Midland 570PR | 112 | Acceleron 250 | Y | N | Y | N |
| Midland 656PR | 113 | Acceleron 250 | Y | N | Y | N |
| Midland 669PR | 114 | Acceleron 250 | Y | N | Y | N |
| Midland 735PR | 115 | Acceleron 250 | Y | N | Y | N |
| Midland 770PR DG | 115 | Acceleron 250 | Y | N | Y | N |
| Mycogen REV 24BHR70 | 114 | N/I | Y | Y | Y | N |
| Mycogen REV 24BHR71 | 115 | N/I | Y | Y | Y | N |
| NK Brand NK0821-3120A | 108 | Avicta 500 | Y | Y | Y | N |
| NK Brand NK1082-3330A | 110 | Avicta 500 | Y | Y | Y | N |
| NK Brand NK1205-3120 | 112 | Avicta 500 | Y | Y | Y | N |
| NK Brand NK1433-3120 | 114 | Avicta 500 | Y | Y | Y | N |
| NK Brand NK1573-3330 | 115 | Avicta 500 | Y | Y | Y | N |
| Nutech Seed 5FB-1111AM | 111 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 5FB-2213AM | 113 | PONCHO VOTIVO 500 | Y | Y | Y | N |

Characteristics for corn hybrids (continued)

| Brand/Hybrid | Maturity ¹ | Seed Treatment ² | Biotechnology traits | | | |
|-------------------------|-----------------------|------------------------------|------------------------|-----|---------------------|----|
| | | | Herbicide ³ | | Insect ⁴ | |
| | | | Gly | Glu | AG | BG |
| Nutech Seed 5FB-6313AM | 113 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 5FB7215AM | 115 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 5FB-8808AM | 108 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 5FB-9909AM | 109 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 68B3AML | 108 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 74J1AML | 114 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 75D2AM | 115 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 75G1AM | 115 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Nutech Seed 78A1AM | 118 | PONCHO VOTIVO 500 | Y | Y | Y | N |
| Pioneer P1197AM | 111 | N/I | Y | Y | Y | Y |
| Prairie Hybrids 7387 | 112 | Maxium Quattro | N | N | N | N |
| Prairie Hybrids 8759 | 114 | Maxium Quattro | N | N | N | N |
| Prairie Hybrids 8904 | 114 | Maxium Quattro | N | N | N | N |
| Taylor Exp 88-13 | 113 | Cruiser Maxx 250 | Y | N | N | N |
| Taylor Exp 88-14 | 114 | Cruiser Maxx 250 | Y | N | N | N |
| Taylor Exp 88-16 | 116 | Cruiser Maxx 250 | Y | N | N | N |
| Terral Seed REV 24BHR99 | 114 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | Y |
| Terral Seed REV 25BHR89 | 115 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | Y |
| Terral Seed REV 28BHR18 | 118 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | Y |

¹ CRM (Relative Corn Maturity)

² Seed treatments were applied by companies to seed entered into the MU Variety Testing Program tests. N/I means information was not provided. Purchased seed may contain other seed treatments. See seed company representatives and seed tags for more information.

³ Several biotechnology traits confer herbicide resistance. “Y” in the “Gly” column means the hybrid is resistant to glyphosate. “Y” in the “Glu” column means the hybrid is resistant to glufosinate. Check seed tags for registered trademarks of specific traits of interest.

⁴ Several biotechnology traits confer insect resistance. “Y” in the “AG” column means that the hybrid possesses one or more traits that provide resistance to European corn borer and, perhaps, other insects that feed above ground. “Y” in the “BG” column means that the hybrid possesses one or more traits that provide resistance to corn rootworm, and perhaps, other insects that feed below ground. Specific traits differ in effectiveness of control of specific insect pests. Check seed tags for registered trademarks of specific traits of interest.

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