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# MISSOURI CROP PERFORMANCE 2017 corn


*Wiebold, Knerr, Grissum, Cravens, and Nichols*

**MU Variety Testing Program**

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

# 2017 MISSOURI CORN TEST

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Variety Testing Program
University of Missouri

# 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. Current staff members have a total of over 80 years of 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. Fourteen of our locations are on farmer fields in your communities. The other four 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 (***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 2017 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. **Canton** (Lewis County); Lloyd & McCutchan Farm
6. **Henrietta** (Ray County); John Williams Farm
7. **Grand Pass** (Saline County); Ryland & Fred Utlaut Farm
8. **Columbia** (Boone County); Bradford Research Center
9. **Laddonia** (Audrain County); Deimeke Farms
10. **Truxton** (Montgomery County) Roy Cope Farm
11. **Annada** (Pike County); Bob Burkemper Farm
12. **Garden City** (Cass County); Bill Cook Farm
13. **Adrian** (Bates County); 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 — North** (Mississippi County); Don Deline Farm
    **Charleston — South** (Mississippi County); Don McCann Farm
18. **Portageville** (Pemiscot County); Fisher Delta Research Center

## Entries

All seed companies were eligible to enter hybrids in the 2017 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.

## 2017 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. Yields were corrected to 15.5% grain moisture.

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. 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

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 in a test.

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

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

## Accessibility of data

Results of the 2017 crop performance tests are available in print format 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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# NORTH REGION — CROP MANAGEMENT SUMMARY

## Characteristics of the Non-Irrigated Corn Test Locations — North Region

| | | Soil test | | | | Precipitation (inches) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season |
| Albany | Grundy silt loam | 6.5 | 2.5 | 62 | 177 | 3.3” | 11.5” | 5.1” | 2.4” | 22.3” |
| Canton | Westerville silt loam | 6.0 | 2.5 | 149 | 521 | 3.0” | 5.1” | 1.5” | 3.8” | 13.4” |
| Craig | Blencoe silty clay | 7.4 | 1.8 | 68 | 677 | 2.4” | 2.5” | 1.9” | 2.3” | 9.1” |
| Mooresville | Grundy silt loam | 5.9 | 3.5 | 168 | 635 | 2.6” | 6.9” | 3.3” | 2.8” | 15.6” |
| Novelty | Putnam silt loam | 5.2 | 2.8 | 51 | 305 | 2.4” | 6.3” | 0.9” | 5.7” | 15.3” |

## Crop Management Practices at the Non-Irrigated Corn Test Locations — North Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticide |
| Albany | May 9 | Oct. 17 | 180 | 50 | 70 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Canton | April 18 | Sept. 26 | 200 | 0 | 0 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Craig | June 6 | Oct. 18 | 175 | 60 | 60 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Mooresville | May 10 | Oct. 13 | 190 | 30 | 90 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Novelty | May 13 | Sept. 28 | 183 | 65 | 115 | Min. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |

# NORTH REGION — NON-IRRIGATED CORN TEST

## Albany

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Terral REV 2358AM | 194.5** | 15.5 | 1 |
| NuTech 5F713 | 191.7* | 15.5 | 1 |
| NuTech X5FN1306 | 190.9* | 15.8 | 1 |
| Midland 668PR | 190.8* | 15.7 | 1 |
| Terral REV 25BHR26 | 190.8* | 17.1 | 1 |
| NuTech X5FN1305 | 190.2* | 15.5 | 1 |
| FS InVISION FS 64SX1 RIB | 187.7* | 17.4 | 1 |
| AgVenture AV8614AM | 186.0* | 17.2 | 1 |
| AgVenture RL8899AM | 185.4* | 17.1 | 1 |
| MorCorn MC XP1716 | 183.7* | 16.7 | 1 |
| NuTech 5F015 | 182.2* | 17.4 | 1 |
| FS InVISION FS 64R44 | 182.0* | 15.8 | 1 |
| Producers Hybrids 7428STXRIB | 181.7* | 16.4 | 1 |
| Hoegemeyer HPT 8414 AM | 181.4* | 15.5 | 1 |
| NuTech X5FN1512 | 180.2 | 17.4 | 1 |
| High Yield Check | 179.7 | 17.1 | 1 |
| Hoegemeyer HPT 7946 AM | 179.4 | 15.2 | 1 |
| FS InVISION FS 63ZX1 RIB | 179.2 | 17.7 | 1 |
| Hoegemeyer HPT 8217 AM | 177.5 | 16.7 | 1 |
| NuTech 5F510 | 176.9 | 16.5 | 1 |
| AgVenture AV8714AM | 176.7 | 16.3 | 1 |
| Green Valley Seed GV 8282 | 175.7 | 16.9 | 1 |
| AgVenture RL8537AM | 175.4 | 17.9 | 1 |
| Terral REV 23BHR55 | 174.7 | 14.8 | 1 |
| Producers Hybrids 7235-3000GT | 174.5 | 16.8 | 1 |
| Hoegemeyer HPT 8469 AM | 174.4 | 17.8 | 1 |
| Producers Hybrids 7668STXRIB | 173.8 | 17.4 | 1 |
| FS InVISION FS 62R44 | 173.6 | 16.4 | 1 |
| NuTech X5FN1307 | 173.1 | 16.6 | 1 |
| Dyna-Gro D52VC63 | 172.6 | 14.7 | 1 |
| Beck's 6589V2P | 172.3 | 17.2 | 1 |
| MorCorn MC 4319 | 171.5 | 17.4 | 1 |
| AgVenture RL8430AM | 171.2 | 15.1 | 1 |
| Producers Hybrids 7148STX | 171.2 | 16.5 | 1 |
| Terral REV 22BHR43 | 170.9 | 17.7 | 1 |
| Producers Hybrids 7308STX | 170.4 | 16.5 | 1 |
| NuTech 5FB9016 | 169.9 | 17.1 | 1 |
| LG LG5650VT2RIB | 169.5 | 16.5 | 1 |
| FS InVISION FS 66ZV1 RIB | 169.4 | 17.4 | 1 |
| NuTech 5FB1010 | 169.1 | 10.8 | 1 |
| Dyna-Gro D54VC52 | 169.0 | 17.1 | 1 |
| NuTech X5NN1212 | 168.5 | 16.3 | 1 |

## **Albany** North Region — Non-Irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| FS InVISION FS 59VL1 EZR | 167.9 | 16.3 | 1 |
| MorCorn MC 4725 | 167.3 | 18.4 | 1 |
| LG LG5590VT2RIB | 167.2 | 15.0 | 1 |
| Midland 594PR DG | 166.3 | 16.3 | 1 |
| MorCorn MC 4180VT2PRIB | 166.2 | 15.6 | 1 |
| Midland 656PR | 165.9 | 17.9 | 1 |
| Midland 735PR | 165.7 | 17.4 | 1 |
| AgVenture AV8915AM | 165.5 | 16.7 | 1 |
| FS InVISION FS 61SX1 RIB | 164.8 | 16.1 | 1 |
| Producers Hybrids 7493VT2PRIB | 164.4 | 16.9 | 1 |
| Beck's 6368V2P | 163.4 | 15.5 | 1 |
| AgVenture RL7687AM | 163.0 | 16.2 | 1 |
| Midland 436PR | 161.9 | 15.0 | 1 |
| Green Valley Seed GV 8182 | 161.7 | 15.8 | 1 |
| Midland 757PR | 160.9 | 18.0 | 1 |
| NuTech 5F709 | 160.0 | 14.7 | 1 |
| Midland 347PR | 159.3 | 14.6 | 1 |
| Green Valley Seed GV 7962 | 156.0 | 15.4 | 1 |
| FS InVISION FS 60QV1 RIB | 155.4 | 14.8 | 1 |
| Midland 228PR | 154.1 | 15.0 | 1 |
| Midland 448PR | 154.1 | 16.0 | 1 |
| MorCorn MC 3966 | 151.8 | 15.1 | 1 |
| AgVenture RL7844AM | 149.8 | 15.9 | 1 |
| Terral REV 1884AM | 149.6 | 15.6 | 1 |
| MorCorn MC 4178 | 145.8 | 15.8 | 1 |
| **Mean** | **171.5** | **16.2** | **1** |
| **LSD (10%)** | **13.2** | **1.1** | |
| **CV (%)** | **7.3** | **6.7** | |

** 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.

## Canton

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture AV8614AM | 296.0** | 18.5 | 1 |
| Terral REV 25BHR26 | 292.5* | 15.5 | 1 |
| NuTech X5FN1306 | 291.8* | 16.8 | 1 |
| NuTech 5FB9016 | 291.3* | 16.4 | 1 |
| NuTech X5FN1512 | 285.4* | 16.0 | 1 |
| Hoegemeyer HPT 8469 AM | 284.2* | 15.7 | 1 |
| Producers Hybrids 7668STXRIB | 283.1* | 17.3 | 1 |
| AgVenture AV8714AM | 281.1* | 15.4 | 1 |
| AgVenture AV8915AM | 281.0* | 16.2 | 1 |
| Producers Hybrids 7148STX | 280.9* | 15.4 | 1 |
| Terral REV 2358AM | 277.3 | 16.2 | 1 |
| Dyna-Gro D52VC63 | 277.0 | 15.4 | 1 |
| LG LG5650VT2RIB | 276.4 | 15.9 | 1 |
| NuTech 5F015 | 276.2 | 15.8 | 1 |
| AgVenture RL8537AM | 275.5 | 15.9 | 1 |
| Hoegemeyer HPT 8414 AM | 274.5 | 17.1 | 1 |
| Terral REV 23BHR55 | 273.8 | 15.8 | 1 |
| FS InVISION FS 64R44 | 273.4 | 15.8 | 1 |
| FS InVISION FS 63ZX1 RIB | 272.4 | 16.1 | 1 |
| Beck's 6589V2P | 272.0 | 16.0 | 1 |
| MorCorn MC 4725 | 272.0 | 17.1 | 1 |
| AgVenture RL8899AM | 271.6 | 16.2 | 1 |
| Producers Hybrids 7428STXRIB | 271.2 | 15.8 | 1 |
| Midland 757PR | 270.5 | 15.7 | 1 |
| NuTech X5FN1305 | 270.0 | 15.3 | 1 |
| High Yield Check | 268.9 | 15.7 | 1 |
| Dyna-Gro D54VC52 | 268.7 | 16.0 | 1 |
| NuTech 5F510 | 268.4 | 15.4 | 1 |
| NuTech 5FB1010 | 268.2 | 15.1 | 1 |
| Midland 735PR | 267.9 | 18.7 | 1 |
| AgVenture RL8430AM | 266.2 | 15.6 | 1 |
| FS InVISION FS 66ZV1 RIB | 266.1 | 15.6 | 1 |
| Midland 448PR | 265.9 | 15.3 | 1 |
| MorCorn MC 4319 | 265.5 | 16.1 | 1 |
| Hoegemeyer HPT 8217 AM | 265.3 | 15.9 | 1 |
| FS InVISION FS 64SX1 RIB | 264.4 | 16.0 | 1 |
| MorCorn MC XP1716 | 264.1 | 15.0 | 1 |
| Producers Hybrids 7308STX | 263.4 | 15.9 | 1 |
| Terral REV 1884AM | 262.9 | 15.2 | 1 |
| Midland 594PR DG | 262.0 | 16.4 | 1 |
| MorCorn MC 4180VT2PRIB | 261.8 | 15.0 | 1 |
| NuTech 5F713 | 261.0 | 15.4 | 1 |

## **Canton** North Region — Non-Irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| NuTech 5F709 | 260.4 | 15.5 | 1 |
| Midland 668PR | 259.9 | 15.4 | 1 |
| AgVenture RL7687AM | 259.8 | 15.2 | 1 |
| FS InVISION FS 60QV1 RIB | 258.2 | 14.8 | 1 |
| AgVenture RL7844AM | 258.0 | 15.1 | 1 |
| Green Valley Seed GV 8282 | 257.7 | 15.5 | 1 |
| Hoegemeyer HPT 7946 AM | 257.5 | 15.5 | 1 |
| Beck's 6368V2P | 256.8 | 15.5 | 1 |
| Terral REV 22BHR43 | 256.3 | 15.5 | 1 |
| Producers Hybrids 7493VT2PRIB | 256.2 | 15.9 | 1 |
| MorCorn MC 3966 | 247.4 | 15.4 | 1 |
| LG LG5590VT2RIB | 246.8 | 15.4 | 1 |
| FS InVISION FS 61SX1 RIB | 245.1 | 15.4 | 1 |
| FS InVISION FS 62R44 | 244.4 | 16.4 | 1 |
| Midland 656PR | 244.3 | 16.0 | 1 |
| NuTech X5FN1307 | 243.9 | 15.7 | 1 |
| NuTech X5NN1212 | 241.0 | 16.0 | 1 |
| Green Valley Seed GV 8182 | 240.9 | 15.1 | 1 |
| Midland 347PR | 239.4 | 15.0 | 1 |
| MorCorn MC 4178 | 236.5 | 15.4 | 1 |
| FS InVISION FS 59VL1 EZR | 233.8 | 15.4 | 1 |
| Producers Hybrids 7235-3000GT | 233.7 | 15.4 | 1 |
| Green Valley Seed GV 7962 | 232.4 | 14.3 | 1 |
| Midland 436PR | 224.7 | 15.3 | 1 |
| Midland 228PR | 222.4 | 14.8 | 1 |
| **Mean** | **264.1** | **15.7** | **1** |
| **LSD (10%)** | **15.5** | **0.5** | |
| **CV (%)** | **5.6** | **3.1** | |

** 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.

## Craig

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Midland 668PR | 238.9** | 21.2 | 1 |
| AgVenture AV8915AM | 234.9* | 21.6 | 1 |
| Beck's 6589V2P | 233.9* | 21.7 | 1 |
| NuTech X5FN1512 | 233.9* | 21.2 | 1 |
| Hoegemeyer HPT 8414 AM | 232.9* | 20.5 | 1 |
| FS InVISION FS 66ZV1 RIB | 232.3* | 21.7 | 1 |
| MorCorn MC 4319 | 231.9* | 22.0 | 1 |
| Beck's 6368V2P | 230.8* | 20.6 | 1 |
| NuTech X5FN1306 | 230.5* | 20.3 | 1 |
| MorCorn MC 4725 | 228.9* | 22.3 | 1 |
| Hoegemeyer HPT 7946 AM | 227.4 | 19.1 | 1 |
| Terral REV 2358AM | 226.9 | 20.1 | 1 |
| Dyna-Gro D54VC52 | 226.8 | 22.6 | 1 |
| Midland 735PR | 225.9 | 22.3 | 1 |
| Terral REV 1884AM | 225.3 | 19.1 | 1 |
| FS InVISION FS 64SX1 RIB | 224.4 | 22.0 | 1 |
| High Yield Check | 224.2 | 21.1 | 1 |
| Producers Hybrids 7493VT2PRIB | 223.9 | 22.1 | 1 |
| Producers Hybrids 7668STXRIB | 223.7 | 21.8 | 1 |
| Green Valley Seed GV 8282 | 223.6 | 20.5 | 1 |
| Midland 757PR | 222.3 | 22.4 | 1 |
| LG LG5650VT2RIB | 222.2 | 21.4 | 1 |
| Producers Hybrids 7235-3000GT | 221.9 | 20.2 | 1 |
| FS InVISION FS 60QV1 RIB | 221.0 | 19.9 | 1 |
| FS InVISION FS 64R44 | 221.0 | 20.8 | 2 |
| Hoegemeyer HPT 8217 AM | 221.0 | 20.9 | 1 |
| LG LG5590VT2RIB | 220.5 | 20.7 | 1 |
| Producers Hybrids 7308STX | 220.0 | 21.2 | 1 |
| FS InVISION FS 62R44 | 219.8 | 19.7 | 1 |
| Producers Hybrids 7428STXRIB | 219.7 | 21.0 | 1 |
| FS InVISION FS 63ZX1 RIB | 219.5 | 22.3 | 1 |
| Producers Hybrids 7148STX | 218.7 | 20.8 | 1 |
| AgVenture RL8537AM | 217.9 | 21.4 | 1 |
| FS InVISION FS 59VL1 EZR | 217.1 | 20.2 | 1 |
| Midland 436PR | 217.0 | 19.5 | 1 |
| AgVenture AV8614AM | 216.9 | 21.1 | 1 |
| NuTech 5FB1010 | 216.8 | 18.8 | 2 |
| Green Valley Seed GV 8182 | 216.7 | 19.0 | 1 |
| MorCorn MC 4180VT2PRIB | 216.1 | 19.9 | 1 |
| MorCorn MC XP1716 | 215.5 | 20.7 | 1 |
| NuTech X5FN1305 | 215.5 | 20.0 | 1 |
| MorCorn MC 4178 | 215.0 | 20.7 | 1 |

## Craig North Region — Non-irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Midland 228PR | 214.9 | 19.2 | 1 |
| Midland 448PR | 214.9 | 20.6 | 1 |
| AgVenture AV8714AM | 214.6 | 20.8 | 1 |
| Terral REV 25BHR26 | 214.3 | 21.0 | 1 |
| Midland 594PR DG | 213.8 | 21.1 | 1 |
| NuTech 5F709 | 212.5 | 19.1 | 1 |
| NuTech 5F015 | 212.3 | 21.5 | 1 |
| NuTech X5FN1307 | 212.2 | 19.9 | 1 |
| Hoegemeyer HPT 8469 AM | 211.7 | 20.7 | 1 |
| Terral REV 22BHR43 | 211.4 | 21.6 | 1 |
| Terral REV 23BHR55 | 211.1 | 20.4 | 1 |
| AgVenture RL8430AM | 210.8 | 19.9 | 1 |
| Dyna-Gro D52VC63 | 210.5 | 20.6 | 1 |
| NuTech X5NN1212 | 209.9 | 19.8 | 1 |
| NuTech 5F713 | 209.5 | 20.4 | 2 |
| Midland 347PR | 209.4 | 20.0 | 1 |
| FS InVISION FS 61SX1 RIB | 208.7 | 20.2 | 1 |
| NuTech 5FB9016 | 207.2 | 21.6 | 2 |
| AgVenture RL8899AM | 203.8 | 21.2 | 2 |
| NuTech 5F510 | 203.5 | 20.1 | 1 |
| Midland 656PR | 202.7 | 22.4 | 1 |
| AgVenture RL7844AM | 201.7 | 19.3 | 1 |
| AgVenture RL7687AM | 201.4 | 20.7 | 1 |
| Green Valley Seed GV 7962 | 198.3 | 19.2 | 1 |
| MorCorn MC 3966 | 196.9 | 19.7 | 1 |
| **Mean** | **218.5** | **20.7** | **1** |
| **LSD (10%)** | **10.0** | **0.6** | |
| **CV (%)** | **4.4** | **2.7** | |

** 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.

## Mooresville

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Midland 735PR | 249.5** | 20.7 | 1 |
| Producers Hybrids 7493VT2PRIB | 246.1* | 19.6 | 1 |
| FS InVISION FS 66ZV1 RIB | 245.2* | 19.4 | 1 |
| MorCorn MC 4319 | 243.8* | 19.8 | 1 |
| Hoegemeyer HPT 7946 AM | 243.3* | 17.3 | 1 |
| Hoegemeyer HPT 8217 AM | 242.4* | 18.7 | 1 |
| Producers Hybrids 7308STX | 242.0* | 19.1 | 1 |
| FS InVISION FS 63ZX1 RIB | 240.8* | 19.5 | 1 |
| Midland 228PR | 240.8* | 16.2 | 1 |
| FS InVISION FS 64R44 | 240.5* | 19.0 | 1 |
| AgVenture AV8714AM | 240.0* | 19.0 | 1 |
| Producers Hybrids 7428STXRIB | 239.1* | 17.6 | 1 |
| AgVenture AV8614AM | 238.9 | 19.2 | 1 |
| LG LG5650VT2RIB | 238.6 | 19.1 | 1 |
| Terral REV 1884AM | 237.7 | 17.6 | 1 |
| Midland 757PR | 237.2 | 19.9 | 1 |
| Hoegemeyer HPT 8414 AM | 236.6 | 18.9 | 1 |
| Terral REV 25BHR26 | 236.4 | 18.9 | 1 |
| Hoegemeyer HPT 8469 AM | 236.3 | 18.5 | 1 |
| Producers Hybrids 7668STXRIB | 236.1 | 19.5 | 1 |
| Green Valley Seed GV 8282 | 236.0 | 18.7 | 1 |
| Beck's 6368V2P | 235.8 | 17.8 | 1 |
| NuTech X5FN1512 | 235.3 | 19.1 | 1 |
| NuTech X5FN1306 | 235.2 | 18.8 | 1 |
| Midland 668PR | 235.1 | 17.7 | 1 |
| AgVenture RL8430AM | 234.7 | 18.3 | 1 |
| Dyna-Gro D52VC63 | 234.6 | 18.4 | 1 |
| MorCorn MC 4180VT2PRIB | 234.6 | 18.1 | 2 |
| Producers Hybrids 7148STX | 234.2 | 18.3 | 1 |
| MorCorn MC 4725 | 233.3 | 19.8 | 1 |
| Terral REV 2358AM | 233.1 | 18.4 | 1 |
| NuTech 5F713 | 232.8 | 18.5 | 1 |
| AgVenture AV8915AM | 232.4 | 19.3 | 1 |
| AgVenture RL7687AM | 232.2 | 17.8 | 1 |
| AgVenture RL7844AM | 231.9 | 17.7 | 1 |
| NuTech 5FB9016 | 231.9 | 19.7 | 1 |
| NuTech 5FB1010 | 231.8 | 17.8 | 1 |
| Terral REV 22BHR43 | 230.7 | 19.0 | 1 |
| MorCorn MC 3966 | 230.3 | 17.7 | 1 |
| NuTech 5F510 | 230.2 | 17.7 | 1 |
| NuTech 5F015 | 229.8 | 18.9 | 1 |
| Green Valley Seed GV 8182 | 229.5 | 17.2 | 1 |

## **Mooresville** North Region — Non-irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Beck's 6589V2P | 229.2 | 19.1 | 1 |
| LG LG5590VT2RIB | 229.0 | 17.5 | 1 |
| FS InVISION FS 64SX1 RIB | 228.9 | 19.1 | 1 |
| Midland 594PR DG | 228.9 | 18.8 | 2 |
| Dyna-Gro D54VC52 | 227.9 | 19.4 | 1 |
| NuTech X5FN1307 | 227.9 | 19.0 | 1 |
| Terral REV 23BHR55 | 227.9 | 17.9 | 1 |
| NuTech X5FN1305 | 227.7 | 18.4 | 1 |
| FS InVISION FS 59VL1 EZR | 224.4 | 18.4 | 1 |
| High Yield Check | 223.8 | 17.5 | 1 |
| MorCorn MC XP1716 | 222.8 | 18.8 | 1 |
| FS InVISION FS 60QV1 RIB | 222.4 | 17.9 | 1 |
| AgVenture RL8537AM | 222.0 | 19.4 | 1 |
| Midland 448PR | 221.7 | 17.8 | 1 |
| Midland 436PR | 221.5 | 18.5 | 1 |
| FS InVISION FS 61SX1 RIB | 220.9 | 17.5 | 1 |
| NuTech X5NN1212 | 219.5 | 19.6 | 1 |
| AgVenture RL8899AM | 219.1 | 19.6 | 1 |
| NuTech 5F709 | 218.4 | 17.2 | 1 |
| Midland 656PR | 214.1 | 19.3 | 1 |
| FS InVISION FS 62R44 | 213.8 | 19.9 | 1 |
| MorCorn MC 4178 | 212.5 | 18.4 | 1 |
| Producers Hybrids 7235-3000GT | 212.2 | 20.0 | 1 |
| Midland 347PR | 209.3 | 17.3 | 1 |
| Green Valley Seed GV 7962 | 202.1 | 18.0 | 2 |
| **Mean** | **230.8** | **18.5** | **1** |
| **LSD (10%)** | **10.4** | **0.6** | |
| **CV (%)** | **4.3** | **2.9** | |

** 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.

## Novelty

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| NuTech X5FN1306 | 250.6** | 23.2 | 1 |
| Beck's 6368V2P | 244.3* | 24.3 | 1 |
| Hoegemeyer HPT 8414 AM | 241.0* | 25.0 | 1 |
| AgVenture AV8915AM | 239.8* | 25.3 | 1 |
| Producers Hybrids 7428STXRIB | 238.4* | 20.6 | 1 |
| MorCorn MC 4319 | 238.1* | 23.5 | 1 |
| Beck's 6589V2P | 237.4 | 24.5 | 1 |
| Terral REV 2358AM | 235.0 | 22.9 | 1 |
| Producers Hybrids 7668STXRIB | 234.9 | 24.0 | 1 |
| FS InVISION FS 66ZV1 RIB | 233.5 | 23.5 | 1 |
| Midland 668PR | 233.5 | 25.6 | 1 |
| Producers Hybrids 7148STX | 233.4 | 21.3 | 1 |
| Midland 594PR DG | 232.5 | 23.5 | 1 |
| Hoegemeyer HPT 8217 AM | 230.5 | 22.4 | 1 |
| Dyna-Gro D52VC63 | 229.9 | 21.5 | 1 |
| High Yield Check | 228.8 | 25.2 | 1 |
| NuTech 5F015 | 228.1 | 23.3 | 1 |
| FS InVISION FS 63ZX1 RIB | 227.0 | 25.6 | 1 |
| Terral REV 1884AM | 227.0 | 17.9 | 1 |
| NuTech X5FN1512 | 226.9 | 24.3 | 1 |
| Midland 448PR | 226.0 | 19.7 | 1 |
| MorCorn MC 4725 | 225.5 | 26.6 | 1 |
| Midland 436PR | 225.2 | 20.0 | 1 |
| LG LG5650VT2RIB | 225.0 | 25.5 | 1 |
| Midland 757PR | 224.7 | 25.3 | 1 |
| AgVenture RL7844AM | 224.6 | 18.2 | 2 |
| Green Valley Seed GV 8182 | 224.6 | 17.9 | 1 |
| Dyna-Gro D54VC52 | 224.5 | 24.9 | 1 |
| Midland 656PR | 223.8 | 23.2 | 1 |
| NuTech 5F510 | 220.4 | 18.2 | 2 |
| FS InVISION FS 61SX1 RIB | 220.2 | 20.7 | 1 |
| FS InVISION FS 64R44 | 219.8 | 23.4 | 1 |
| AgVenture RL8537AM | 219.7 | 22.9 | 1 |
| Green Valley Seed GV 8282 | 219.7 | 20.9 | 1 |
| Producers Hybrids 7235-3000GT | 218.7 | 24.5 | 3 |
| AgVenture AV8714AM | 218.5 | 21.4 | 1 |
| NuTech 5F713 | 217.8 | 23.8 | 1 |
| NuTech 5FB1010 | 217.3 | 17.7 | 2 |
| Terral REV 23BHR55 | 217.0 | 21.1 | 3 |
| FS InVISION FS 64SX1 RIB | 216.9 | 26.5 | 1 |
| Midland 347PR | 215.7 | 21.3 | 1 |
| Terral REV 25BHR26 | 215.5 | 23.7 | 1 |

## **Novelty** North Region — Non-Irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Midland 735PR | 215.2 | 30.7 | 1 |
| NuTech X5FN1305 | 214.4 | 24.9 | 2 |
| Producers Hybrids 7308STX | 212.8 | 22.7 | 1 |
| FS InVISION FS 59VL1 EZR | 211.8 | 22.5 | 1 |
| FS InVISION FS 60QV1 RIB | 211.4 | 21.3 | 1 |
| Producers Hybrids 7493VT2PRIB | 211.4 | 24.3 | 1 |
| Hoegemeyer HPT 8469 AM | 211.3 | 23.4 | 1 |
| LG LG5590VT2RIB | 211.1 | 19.0 | 1 |
| MorCorn MC XP1716 | 210.3 | 21.4 | 1 |
| MorCorn MC 4178 | 210.0 | 21.3 | 1 |
| NuTech X5FN1307 | 209.7 | 25.2 | 1 |
| MorCorn MC 4180VT2PRIB | 209.4 | 17.5 | 1 |
| AgVenture RL8899AM | 209.1 | 26.2 | 2 |
| Midland 228PR | 208.9 | 16.1 | 1 |
| NuTech 5F709 | 208.4 | 17.5 | 1 |
| Terral REV 22BHR43 | 207.7 | 22.6 | 1 |
| NuTech 5FB9016 | 207.2 | 27.1 | 2 |
| AgVenture RL7687AM | 206.0 | 18.0 | 2 |
| AgVenture AV8614AM | 205.8 | 28.8 | 2 |
| NuTech X5NN1212 | 205.6 | 25.3 | 2 |
| Green Valley Seed GV 7962 | 204.6 | 17.7 | 1 |
| FS InVISION FS 62R44 | 202.5 | 23.4 | 2 |
| Hoegemeyer HPT 7946 AM | 202.4 | 20.1 | 2 |
| MorCorn MC 3966 | 200.7 | 18.9 | 1 |
| AgVenture RL8430AM | 197.0 | 21.8 | 2 |
| **Mean** | **220.7** | **22.5** | **1** |
| **LSD (10%)** | **12.6** | **1.8** | |
| **CV (%)** | **5.4** | **7.7** | |

** 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.

## Summary

| Brand-Hybrid | Albany (bu/ac) | Canton (bu/ac) | Craig (bu/ac) | Mooresville (bu/ac) | Novelty (bu/ac) | Mean (bu/ac) |
|---|---|---|---|---|---|---|
| NuTech X5FN1306 | 190.9* | 291.8* | 230.5* | 235.2 | 250.6** | 239.8** |
| Terral REV 2358AM | 194.5** | 277.3 | 226.9 | 233.1 | 235.0 | 233.4* |
| Hoegemeyer HPT 8414 AM | 181.4* | 274.5 | 232.9* | 236.6 | 241.0* | 233.3* |
| NuTech X5FN1512 | 180.2 | 285.4* | 233.9* | 235.3 | 226.9 | 232.3* |
| Midland 668PR | 190.8* | 259.9 | 238.9** | 235.1 | 233.5 | 231.6* |
| AgVenture AV8915AM | 165.5 | 281.0* | 234.9* | 232.4 | 239.8* | 230.7* |
| Producers Hybrids 7668STXRIB | 173.8 | 283.1* | 223.7 | 236.1 | 234.9 | 230.3* |
| MorCorn MC 4319 | 171.5 | 265.5 | 231.9* | 243.8* | 238.1* | 230.2* |
| Producers Hybrids 7428STXRIB | 181.7* | 271.2 | 219.7 | 239.1* | 238.4* | 230.0* |
| Terral REV 25BHR26 | 190.8* | 292.5* | 214.3 | 236.4 | 215.5 | 229.9* |
| FS InVISION FS 66ZV1 RIB | 169.4 | 266.1 | 232.3* | 245.2* | 233.5 | 229.3 |
| Beck's 6589V2P | 172.3 | 272.0 | 233.9* | 229.2 | 237.4 | 229.0 |
| AgVenture AV8614AM | 186.0* | 296.0** | 216.9 | 238.9 | 205.8 | 228.7 |
| FS InVISION FS 63ZX1 RIB | 179.2 | 272.4 | 219.5 | 240.8* | 227.0 | 227.8 |
| Producers Hybrids 7148STX | 171.2 | 280.9* | 218.7 | 234.2 | 233.4 | 227.7 |
| FS InVISION FS 64R44 | 182.0* | 273.4 | 221.0 | 240.5* | 219.8 | 227.3 |
| Hoegemeyer HPT 8217 AM | 177.5 | 265.3 | 221.0 | 242.4* | 230.5 | 227.3 |
| LG LG5650VT2RIB | 169.5 | 276.4 | 222.2 | 238.6 | 225.0 | 226.3 |
| Beck's 6368V2P | 163.4 | 256.8 | 230.8* | 235.8 | 244.3* | 226.2 |
| AgVenture AV8714AM | 176.7 | 281.1* | 214.6 | 240.0* | 218.5 | 226.2 |
| NuTech 5F015 | 182.2* | 276.2 | 212.3 | 229.8 | 228.1 | 225.7 |
| MorCorn MC 4725 | 167.3 | 272.0 | 228.9* | 233.3 | 225.5 | 225.4 |
| High Yield Check | 179.7 | 268.9 | 224.2 | 223.8 | 228.8 | 225.1 |
| Dyna-Gro D52VC63 | 172.6 | 277.0 | 210.5 | 234.6 | 229.9 | 224.9 |
| Midland 735PR | 165.7 | 267.9 | 225.9 | 249.5** | 215.2 | 224.8 |
| FS InVISION FS 64SX1 RIB | 187.7* | 264.4 | 224.4 | 228.9 | 216.9 | 224.5 |
| Hoegemeyer HPT 8469 AM | 174.4 | 284.2* | 211.7 | 236.3 | 211.3 | 223.6 |
| NuTech X5FN1305 | 190.2* | 270.0 | 215.5 | 227.7 | 214.4 | 223.6 |
| Dyna-Gro D54VC52 | 169.0 | 268.7 | 226.8 | 227.9 | 224.5 | 223.4 |
| Midland 757PR | 160.9 | 270.5 | 222.3 | 237.2 | 224.7 | 223.1 |
| NuTech 5F713 | 191.7* | 261.0 | 209.5 | 232.8 | 217.8 | 222.6 |
| Green Valley Seed GV 8282 | 175.7 | 257.7 | 223.6 | 236.0 | 219.7 | 222.5 |
| AgVenture RL8537AM | 175.4 | 275.5 | 217.9 | 222.0 | 219.7 | 222.1 |
| Hoegemeyer HPT 7946 AM | 179.4 | 257.5 | 227.4 | 243.3* | 202.4 | 222.0 |
| Producers Hybrids 7308STX | 170.4 | 263.4 | 220.0 | 242.0* | 212.8 | 221.7 |
| NuTech 5FB9016 | 169.9 | 291.3* | 207.2 | 231.9 | 207.2 | 221.5 |
| Terral REV 23BHR55 | 174.7 | 273.8 | 211.1 | 227.9 | 217.0 | 220.9 |
| Midland 594PR DG | 166.3 | 262.0 | 213.8 | 228.9 | 232.5 | 220.7 |
| NuTech 5FB1010 | 169.1 | 268.2 | 216.8 | 231.8 | 217.3 | 220.6 |
| Terral REV 1884AM | 149.6 | 262.9 | 225.3 | 237.7 | 227.0 | 220.5 |
| Producers Hybrids 7493VT2PRIB | 164.4 | 256.2 | 223.9 | 246.1* | 211.4 | 220.4 |

## **Summary** North Region — Non-Irrigated (continued)

| Brand-Hybrid | Albany (bu/ac) | Canton (bu/ac) | Craig (bu/ac) | Mooresville (bu/ac) | Novelty (bu/ac) | Mean (bu/ac) |
|---|---|---|---|---|---|---|
| NuTech 5F510 | 176.9 | 268.4 | 203.5 | 230.2 | 220.4 | 219.9 |
| MorCorn MC XP1716 | 183.7* | 264.1 | 215.5 | 222.8 | 210.3 | 219.3 |
| AgVenture RL8899AM | 185.4* | 271.6 | 203.8 | 219.1 | 209.1 | 217.8 |
| MorCorn MC 4180VT2PRIB | 166.2 | 261.8 | 216.1 | 234.6 | 209.4 | 217.6 |
| Midland 448PR | 154.1 | 265.9 | 214.9 | 221.7 | 226.0 | 216.5 |
| AgVenture RL8430AM | 171.2 | 266.2 | 210.8 | 234.7 | 197.0 | 216.0 |
| Terral REV 22BHR43 | 170.9 | 256.3 | 211.4 | 230.7 | 207.7 | 215.4 |
| LG LG5590VT2RIB | 167.2 | 246.8 | 220.5 | 229.0 | 211.1 | 214.9 |
| Green Valley Seed GV 8182 | 161.7 | 240.9 | 216.7 | 229.5 | 224.6 | 214.7 |
| FS InVISION FS 60QV1 RIB | 155.4 | 258.2 | 221.0 | 222.4 | 211.4 | 213.7 |
| NuTech X5FN1307 | 173.1 | 243.9 | 212.2 | 227.9 | 209.7 | 213.4 |
| AgVenture RL7844AM | 149.8 | 258.0 | 201.7 | 231.9 | 224.6 | 213.2 |
| AgVenture RL7687AM | 163.0 | 259.8 | 201.4 | 232.2 | 206.0 | 212.5 |
| Producers Hybrids 7235-3000GT | 174.5 | 233.7 | 221.9 | 212.2 | 218.7 | 212.2 |
| NuTech 5F709 | 160.0 | 260.4 | 212.5 | 218.4 | 208.4 | 211.9 |
| FS InVISION FS 61SX1 RIB | 164.8 | 245.1 | 208.7 | 220.9 | 220.2 | 211.9 |
| FS InVISION FS 59VL1 EZR | 167.9 | 233.8 | 217.1 | 224.4 | 211.8 | 211.0 |
| FS InVISION FS 62R44 | 173.6 | 244.4 | 219.8 | 213.8 | 202.5 | 210.8 |
| Midland 656PR | 165.9 | 244.3 | 202.7 | 214.1 | 223.8 | 210.2 |
| Midland 436PR | 161.9 | 224.7 | 217.0 | 221.5 | 225.2 | 210.1 |
| NuTech X5NN1212 | 168.5 | 241.0 | 209.9 | 219.5 | 205.6 | 208.9 |
| Midland 228PR | 154.1 | 222.4 | 214.9 | 240.8* | 208.9 | 208.2 |
| Midland 347PR | 159.3 | 239.4 | 209.4 | 209.3 | 215.7 | 206.6 |
| MorCorn MC 3966 | 151.8 | 247.4 | 196.9 | 230.3 | 200.7 | 205.4 |
| MorCorn MC 4178 | 145.8 | 236.5 | 215.0 | 212.5 | 210.0 | 204.0 |
| Green Valley Seed GV 7962 | 156.0 | 232.4 | 198.3 | 202.1 | 204.6 | 198.7 |
| **Mean** | **171.5** | **264.1** | **218.5** | **230.8** | **220.7** | **221.1** |
| **LSD (10%)** | **13.2** | **15.5** | **10.0** | **10.4** | **12.6** | **10.0** |
| **CV (%)** | **7.3** | **5.6** | **4.4** | **4.3** | **5.4** | **5.1** |

** Highest yielding variety in test

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

# CENTRAL REGION — CROP MANAGEMENT SUMMARY

## Characteristics of the Non-Irrigated Corn Test Locations — Central Region

| | | Soil test | | | | Precipitation (inches) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season |
| Annada | Tice silt loam | 5.5 | 1.8 | 51 | 188 | 5.9” | 4.2” | 2.5” | 2.1” | 14.7” |
| Columbia | Mexico silt loam | 5.4 | 2.2 | 52 | 245 | 4.5” | 3.2” | 4.6” | 3.0” | 15.3” |
| Grand Pass | Haynie silt loam | 5.3 | 2.3 | 58 | 598 | 4.4” | 8.5” | 2.8” | 4.5” | 20.2” |
| Henrietta | Haynie silt loam | 5.9 | 1.7 | 80 | 469 | 4.3” | 6.2” | 6.0” | 7.1” | 23.6” |
| Truxton | Mexico silt loam | 5.6 | 2.5 | 148 | 369 | 6.3” | 2.9” | 7.1” | 3.9” | 20.2” |

## Characteristics of the Irrigated Corn Test Locations — Central Region

| | | Soil test | | | | Precipitation (inches) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season | Irrigate |
| Columbia | Mexico silt loam | 5.1 | 2.1 | 25 | 171 | 4.5” | 3.2” | 4.6” | 3.0” | 15.3” | 1.6" |
| Laddonia | Mexico silt loam | 5.6 | 2.4 | 74 | 287 | 9.6” | 6.5” | 4.3” | 4.8” | 25.2” | 2.0" |

## Crop Management Practices at the Non-Irrigated Corn Test Locations — Central Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticide |
| Annada | April 19 | Sept. 25 | 170 | 0 | 60 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Columbia | May 26 | Oct. 9 | 160 | 0 | 0 | Min. | Dual II Magnum, Atrazine, Princep, Callisto, Roundup | Callisto | Force 3G |
| Grand Pass | May 30 | Oct. 20 | 200 | 0 | 0 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | Callisto | Force 3G |
| Henrietta | May 8 | Oct. 2 | 205 | 40 | 60 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Truxton | May 30 | Oct. 20 | 230 | 100 | 100 | Min. | Dual II Magnum, Atrazine, Princep, Callisto, Roundup | None | Force 3G |

## Crop Management Practices at the Irrigated Corn Test Locations — Central Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticide |
| Columbia | May 26 | Oct. 3 | 240 | 0 | 0 | Min. | Dual II Magnum, Atrazine, Princep, Callisto, Roundup | Callisto | Force 3G |
| Laddonia | April 25 | Oct. 9 | 245 | 0 | 0 | Min. | Dual II Magnum, Atrazine, Princep, Callisto | Callisto | Force 3G |

# CENTRAL REGION — NON-IRRIGATED CORN TEST

## Annada

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture RL8899AM | 279.0** | 20.1 | 1 |
| LG LG5643VT2RIB | 276.9* | 17.6 | 1 |
| Hoegemeyer HPT 8414 AM | 276.0* | 17.7 | 1 |
| MorCorn MC 4725 | 272.5* | 21.1 | 1 |
| AgVenture RL8430AM | 271.8* | 16.8 | 2 |
| NuTech X5FN1306 | 271.4* | 18.5 | 1 |
| AgVenture AV8915AM | 270.7* | 18.6 | 1 |
| AgVenture AV8614AM | 270.4* | 19.5 | 1 |
| Producers Hybrids 7428STXRIB | 270.4* | 16.2 | 2 |
| AgVenture AV8714AM | 270.3* | 17.1 | 1 |
| Producers Hybrids 7493VT2PRIB | 269.8* | 17.4 | 1 |
| AgVenture RL8537AM | 269.7* | 17.5 | 1 |
| Terral REV 2358AM | 268.4* | 18.0 | 2 |
| LG LG5650VT2RIB | 268.2* | 17.3 | 2 |
| FS InVISION FS 66ZV1 RIB | 268.1* | 18.5 | 1 |
| AgVenture RL7844AM | 266.6* | 15.5 | 1 |
| High Yield Check | 266.4* | 17.0 | 1 |
| Terral REV 22BHR43 | 265.8* | 18.3 | 2 |
| Midland 668PR | 265.0* | 16.8 | 1 |
| MorCorn MC 4319 | 264.3* | 19.3 | 1 |
| NuTech X5FN1512 | 263.9* | 18.5 | 1 |
| Terral REV 25BHR26 | 263.2* | 18.0 | 1 |
| Beck's 6368V2P | 262.5 | 17.5 | 1 |
| Beck's 6589V2P | 261.7 | 19.3 | 1 |
| Terral REV 1884AM | 261.7 | 17.1 | 1 |
| Hoegemeyer HPT 7946 AM | 261.5 | 17.3 | 1 |
| NuTech 5F713 | 261.2 | 17.0 | 3 |
| Hoegemeyer HPT 8572 AM | 258.8 | 19.0 | 1 |
| Producers Hybrids 7888STX | 258.2 | 21.2 | 1 |
| FS InVISION FS 62R44 | 257.6 | 17.8 | 1 |
| Green Valley Seed GV 8282 | 257.6 | 15.9 | 1 |
| Midland 594PR DG | 256.2 | 16.3 | 1 |
| MorCorn MC XP1716 | 255.9 | 17.0 | 1 |
| FS InVISION FS 64R44 | 254.9 | 17.3 | 1 |
| Producers Hybrids 7148STX | 254.8 | 15.7 | 1 |
| Dyna-Gro D54VC52 | 254.4 | 19.8 | 1 |
| FS InVISION FS 63ZX1 RIB | 254.2 | 16.8 | 1 |
| MorCorn MC 4178 | 252.4 | 16.1 | 1 |
| NuTech 5F015 | 252.0 | 18.3 | 1 |
| Hoegemeyer HPT 8469 AM | 251.8 | 19.3 | 2 |
| NuTech X5FN1307 | 250.1 | 18.4 | 1 |
| NuTech X5FN1305 | 249.8 | 17.8 | 2 |

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture RL7687AM | 246.6 | 15.5 | 2 |
| Midland 735PR | 245.8 | 19.3 | 1 |
| FS InVISION FS 59VL1 EZR | 244.9 | 15.4 | 1 |
| Producers Hybrids 7235-3000GT | 243.9 | 18.8 | 1 |
| Midland 757PR | 242.9 | 19.1 | 1 |
| FS InVISION FS 61SX1 RIB | 241.2 | 16.5 | 1 |
| Midland 656PR | 240.0 | 19.7 | 1 |
| Terral REV 23BHR55 | 239.1 | 17.8 | 2 |
| LG LG5590VT2RIB | 238.4 | 16.1 | 1 |
| FS InVISION FS 64SX1 RIB | 238.0 | 17.9 | 1 |
| Midland 448PR | 237.6 | 17.1 | 1 |
| MorCorn MC 3966 | 237.0 | 16.0 | 1 |
| NuTech 5FB9016 | 235.1 | 21.8 | 2 |
| FS InVISION FS 60QV1 RIB | 233.9 | 16.0 | 1 |
| Producers Hybrids 7308STX | 231.3 | 16.4 | 2 |
| Green Valley Seed GV 7962 | 228.3 | 15.2 | 1 |
| Beck's 6127A3 | 219.4 | 19.5 | 1 |
| **Mean** | **255.5** | **17.7** | **1** |
| **LSD (10%)** | **15.9** | **1.8** | |
| **CV (%)** | **5.9** | **9.7** | |

** 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.

## Columbia

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| MorCorn MC 4725 | 215.6** | 21.9 | 1 |
| Midland 735PR | 213.8* | 21.5 | 1 |
| Terral REV 2358AM | 209.7* | 20.2 | 1 |
| FS InVISION FS 64SX1 RIB | 205.6* | 22.3 | 1 |
| LG LG5643VT2RIB | 202.2* | 20.9 | 1 |
| Beck's 6368V2P | 199.1* | 20.2 | 1 |
| LG LG5650VT2RIB | 199.1* | 21.1 | 1 |
| Producers Hybrids 7493VT2PRIB | 196.3* | 21.4 | 1 |
| FS InVISION FS 60QV1 RIB | 194.7* | 19.6 | 1 |
| Producers Hybrids 7308STX | 194.6* | 21.0 | 1 |
| NuTech X5FN1305 | 191.4 | 20.1 | 1 |
| Terral REV 25BHR26 | 191.2 | 20.3 | 1 |
| NuTech 5F015 | 189.6 | 21.1 | 1 |
| AgVenture AV8915AM | 188.8 | 21.0 | 1 |
| Beck's 6589V2P | 188.5 | 21.4 | 1 |
| FS InVISION FS 62R44 | 187.3 | 20.6 | 1 |
| NuTech X5FN1306 | 187.3 | 20.7 | 1 |
| Hoegemeyer HPT 8414 AM | 186.9 | 19.8 | 1 |
| Producers Hybrids 7235-3000GT | 185.7 | 21.7 | 1 |
| Hoegemeyer HPT 8572 AM | 185.3 | 20.3 | 1 |
| NuTech 5FB9016 | 185.1 | 20.7 | 1 |
| Hoegemeyer HPT 8469 AM | 184.8 | 19.9 | 1 |
| FS InVISION FS 61SX1 RIB | 184.7 | 20.1 | 1 |
| FS InVISION FS 63ZX1 RIB | 183.7 | 22.0 | 1 |
| LG LG5590VT2RIB | 183.5 | 20.3 | 1 |
| MorCorn MC 3966 | 182.6 | 18.5 | 1 |
| Hoegemeyer HPT 7946 AM | 182.0 | 19.9 | 1 |
| AgVenture RL7844AM | 181.0 | 19.6 | 1 |
| NuTech X5FN1512 | 179.8 | 20.3 | 1 |
| Dyna-Gro D54VC52 | 178.9 | 21.0 | 1 |
| MorCorn MC 4178 | 178.5 | 19.2 | 1 |
| Terral REV 1884AM | 178.0 | 18.1 | 1 |
| Beck's 6127A3 | 177.2 | 20.6 | 1 |
| AgVenture RL8899AM | 175.7 | 20.2 | 1 |
| FS InVISION FS 59VL1 EZR | 173.3 | 20.0 | 1 |
| High Yield Check | 173.1 | 21.1 | 1 |
| FS InVISION FS 66ZV1 RIB | 172.3 | 20.5 | 1 |
| AgVenture RL8537AM | 171.8 | 21.8 | 1 |
| Midland 594PR DG | 171.8 | 20.7 | 1 |
| Green Valley Seed GV 8282 | 171.5 | 19.1 | 1 |
| Producers Hybrids 7148STX | 171.0 | 19.2 | 1 |
| AgVenture AV8714AM | 170.3 | 19.5 | 1 |

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Green Valley Seed GV 7962 | 170.1 | 17.2 | 1 |
| Terral REV 22BHR43 | 169.8 | 21.1 | 1 |
| FS InVISION FS 64R44 | 167.9 | 20.0 | 1 |
| Producers Hybrids 7888STX | 167.7 | 22.6 | 1 |
| NuTech X5FN1307 | 166.4 | 20.0 | 1 |
| Midland 448PR | 166.3 | 19.2 | 1 |
| AgVenture RL8430AM | 163.7 | 19.0 | 1 |
| Midland 668PR | 162.6 | 19.6 | 1 |
| AgVenture AV8614AM | 162.3 | 20.1 | 1 |
| MorCorn MC XP1716 | 162.1 | 20.1 | 1 |
| Midland 757PR | 161.7 | 21.8 | 1 |
| Midland 656PR | 160.5 | 21.5 | 1 |
| Producers Hybrids 7428STXRIB | 159.8 | 19.5 | 1 |
| AgVenture RL7687AM | 153.8 | 19.4 | 1 |
| NuTech 5F713 | 152.3 | 19.6 | 1 |
| MorCorn MC 4319 | 147.5 | 20.8 | 1 |
| Terral REV 23BHR55 | 145.2 | 19.2 | 1 |
| **Mean** | **179.0** | **20.3** | **1** |
| **LSD (10%)** | **22.5** | **1.0** | |
| **CV (%)** | **11.9** | **4.7** | |

** 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.

## Grand Pass

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| LG LG5643VT2RIB | 227.5** | 15.4 | 1 |
| MorCorn MC 4725 | 220.9* | 18.3 | 2 |
| AgVenture RL8430AM | 220.7* | 15.2 | 2 |
| AgVenture AV8614AM | 219.8* | 16.5 | 2 |
| NuTech 5F713 | 217.7* | 14.8 | 2 |
| Hoegemeyer HPT 8469 AM | 216.4* | 17.3 | 2 |
| AgVenture AV8714AM | 214.1* | 16.1 | 1 |
| Terral REV 23BHR55 | 212.8* | 15.9 | 2 |
| Producers Hybrids 7235-3000GT | 209.9* | 15.6 | 1 |
| FS InVISION FS 61SX1 RIB | 206.4 | 16.6 | 3 |
| NuTech 5F015 | 205.8 | 17.2 | 2 |
| NuTech X5FN1306 | 204.1 | 14.4 | 3 |
| Producers Hybrids 7308STX | 203.4 | 14.8 | 2 |
| FS InVISION FS 63ZX1 RIB | 203.1 | 16.0 | 1 |
| AgVenture AV8915AM | 202.7 | 15.8 | 2 |
| Midland 735PR | 201.5 | 17.6 | 2 |
| Hoegemeyer HPT 8414 AM | 201.3 | 14.8 | 2 |
| FS InVISION FS 60QV1 RIB | 200.7 | 13.3 | 1 |
| AgVenture RL8537AM | 200.5 | 17.8 | 1 |
| Beck's 6368V2P | 200.0 | 12.6 | 2 |
| Terral REV 22BHR43 | 200.0 | 17.6 | 1 |
| MorCorn MC 4178 | 199.7 | 15.6 | 2 |
| FS InVISION FS 62R44 | 198.3 | 15.9 | 2 |
| Producers Hybrids 7888STX | 198.2 | 18.6 | 2 |
| NuTech X5FN1305 | 197.8 | 15.8 | 3 |
| NuTech X5FN1512 | 197.3 | 14.0 | 1 |
| Beck's 6589V2P | 195.6 | 15.2 | 2 |
| Terral REV 2358AM | 195.2 | 16.1 | 2 |
| Midland 594PR DG | 193.4 | 13.9 | 2 |
| MorCorn MC 4319 | 193.2 | 15.6 | 2 |
| AgVenture RL7687AM | 193.0 | 14.5 | 3 |
| NuTech X5FN1307 | 191.4 | 16.3 | 2 |
| FS InVISION FS 66ZV1 RIB | 191.0 | 17.2 | 2 |
| High Yield Check | 190.5 | 14.4 | 2 |
| Producers Hybrids 7493VT2PRIB | 189.2 | 16.1 | 2 |
| Terral REV 1884AM | 189.1 | 14.3 | 3 |
| Hoegemeyer HPT 8572 AM | 188.8 | 16.2 | 2 |
| NuTech 5FB9016 | 188.4 | 16.4 | 3 |
| Midland 656PR | 188.3 | 16.7 | 2 |
| Terral REV 25BHR26 | 188.0 | 16.1 | 2 |
| Hoegemeyer HPT 7946 AM | 187.2 | 14.5 | 3 |
| LG LG5650VT2RIB | 186.9 | 16.0 | 2 |

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| FS InVISION FS 64SX1 RIB | 185.3 | 15.9 | 3 |
| Beck's 6127A3 | 184.5 | 15.9 | 2 |
| Midland 757PR | 184.0 | 16.3 | 2 |
| Dyna-Gro D54VC52 | 183.6 | 16.2 | 2 |
| FS InVISION FS 59VL1 EZR | 182.2 | 13.5 | 3 |
| Midland 668PR | 182.2 | 13.0 | 2 |
| LG LG5590VT2RIB | 180.4 | 15.4 | 2 |
| AgVenture RL7844AM | 178.9 | 14.8 | 2 |
| MorCorn MC XP1716 | 178.6 | 13.1 | 3 |
| Green Valley Seed GV 8282 | 177.3 | 14.5 | 2 |
| AgVenture RL8899AM | 176.2 | 15.2 | 2 |
| Producers Hybrids 7428STXRIB | 175.3 | 15.0 | 2 |
| MorCorn MC 3966 | 173.7 | 13.3 | 1 |
| FS InVISION FS 64R44 | 171.8 | 16.0 | 3 |
| Midland 448PR | 169.8 | 13.2 | 3 |
| Green Valley Seed GV 7962 | 168.6 | 13.9 | 2 |
| Producers Hybrids 7148STX | 157.0 | 14.9 | 3 |
| **Mean** | **194.5** | **15.4** | **2** |
| **LSD (10%)** | **19.5** | **1.1** | |
| **CV (%)** | **9.5** | **6.5** | |

** 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.

## Henrietta

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture RL8430AM | 262.5** | 14.4 | 1 |
| Terral REV 23BHR55 | 259.7* | 14.5 | 1 |
| NuTech 5FB9016 | 255.9* | 16.4 | 2 |
| Terral REV 25BHR26 | 251.7 | 15.5 | 1 |
| AgVenture AV8714AM | 250.8 | 15.2 | 2 |
| LG LG5643VT2RIB | 249.1 | 14.4 | 2 |
| NuTech 5F015 | 248.5 | 16.2 | 2 |
| FS InVISION FS 64R44 | 248.1 | 15.5 | 1 |
| Hoegemeyer HPT 8469 AM | 246.2 | 16.0 | 1 |
| LG LG5650VT2RIB | 241.5 | 15.6 | 1 |
| NuTech X5FN1305 | 241.3 | 14.2 | 2 |
| NuTech 5F713 | 240.1 | 14.8 | 1 |
| FS InVISION FS 66ZV1 RIB | 238.3 | 15.2 | 2 |
| Midland 735PR | 238.2 | 17.4 | 1 |
| AgVenture RL8537AM | 238.1 | 15.9 | 2 |
| Midland 757PR | 237.7 | 15.9 | 2 |
| MorCorn MC 4319 | 237.6 | 16.1 | 1 |
| Beck's 6368V2P | 236.4 | 12.7 | 2 |
| Terral REV 22BHR43 | 235.5 | 16.7 | 2 |
| Hoegemeyer HPT 7946 AM | 234.8 | 14.0 | 2 |
| AgVenture AV8915AM | 233.3 | 14.2 | 2 |
| AgVenture AV8614AM | 233.1 | 15.5 | 2 |
| AgVenture RL7687AM | 232.7 | 14.1 | 2 |
| FS InVISION FS 61SX1 RIB | 231.4 | 14.3 | 1 |
| AgVenture RL7844AM | 231.0 | 13.6 | 2 |
| Producers Hybrids 7308STX | 230.7 | 15.0 | 2 |
| Beck's 6589V2P | 230.5 | 15.3 | 2 |
| Producers Hybrids 7493VT2PRIB | 230.5 | 16.1 | 2 |
| Hoegemeyer HPT 8414 AM | 230.1 | 13.5 | 3 |
| MorCorn MC 4725 | 229.6 | 16.5 | 2 |
| FS InVISION FS 63ZX1 RIB | 228.7 | 15.7 | 3 |
| Producers Hybrids 7428STXRIB | 227.7 | 14.1 | 2 |
| Hoegemeyer HPT 8572 AM | 227.2 | 14.3 | 2 |
| AgVenture RL8899AM | 227.1 | 15.5 | 2 |
| NuTech X5FN1307 | 226.6 | 14.0 | 1 |
| NuTech X5FN1306 | 226.3 | 13.7 | 3 |
| Producers Hybrids 7235-3000GT | 226.2 | 15.7 | 1 |
| Terral REV 1884AM | 225.9 | 13.3 | 2 |
| LG LG5590VT2RIB | 223.9 | 14.0 | 2 |
| MorCorn MC 4178 | 223.5 | 14.2 | 2 |
| NuTech X5FN1512 | 223.3 | 15.0 | 2 |
| FS InVISION FS 62R44 | 222.3 | 15.6 | 1 |

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Green Valley Seed GV 8282 | 221.0 | 14.4 | 1 |
| MorCorn MC XP1716 | 219.4 | 13.8 | 1 |
| Dyna-Gro D54VC52 | 218.5 | 15.3 | 1 |
| Terral REV 2358AM | 218.5 | 13.8 | 3 |
| FS InVISION FS 60QV1 RIB | 218.2 | 12.8 | 3 |
| Midland 594PR DG | 217.7 | 13.5 | 2 |
| High Yield Check | 217.7 | 12.7 | 2 |
| FS InVISION FS 64SX1 RIB | 217.2 | 14.7 | 2 |
| Midland 448PR | 216.9 | 12.9 | 2 |
| Midland 668PR | 216.0 | 12.8 | 2 |
| Beck's 6127A3 | 215.3 | 16.0 | 1 |
| FS InVISION FS 59VL1 EZR | 214.8 | 13.1 | 2 |
| Midland 656PR | 214.8 | 15.3 | 2 |
| Producers Hybrids 7888STX | 213.8 | 17.5 | 1 |
| Producers Hybrids 7148STX | 208.8 | 14.2 | 2 |
| MorCorn MC 3966 | 207.4 | 13.1 | 2 |
| Green Valley Seed GV 7962 | 194.8 | 13.5 | 2 |
| **Mean** | **230.1** | **14.6** | **2** |
| **LSD (10%)** | **7.6** | **0.6** | |
| **CV (%)** | **3.1** | **3.9** | |

** 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.

## Truxton

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture AV8915AM | 269.9** | 18.6 | 1 |
| NuTech X5FN1512 | 266.6* | 18.9 | 1 |
| Hoegemeyer HPT 8572 AM | 262.4* | 17.9 | 1 |
| Midland 757PR | 261.5* | 18.4 | 1 |
| Hoegemeyer HPT 8414 AM | 259.7* | 17.3 | 1 |
| FS InVISION FS 66ZV1 RIB | 257.9* | 17.1 | 1 |
| MorCorn MC 4725 | 256.4* | 17.3 | 1 |
| AgVenture RL7844AM | 254.2* | 16.1 | 1 |
| FS InVISION FS 59VL1 EZR | 251.8 | 16.2 | 2 |
| AgVenture AV8614AM | 251.7 | 18.3 | 1 |
| Beck's 6368V2P | 251.7 | 17.4 | 1 |
| AgVenture RL8899AM | 250.8 | 17.6 | 1 |
| FS InVISION FS 64SX1 RIB | 250.3 | 18.0 | 1 |
| MorCorn MC XP1716 | 250.0 | 16.1 | 1 |
| Green Valley Seed GV 8282 | 249.4 | 16.5 | 1 |
| Beck's 6589V2P | 248.0 | 18.4 | 1 |
| LG LG5643VT2RIB | 247.6 | 16.6 | 1 |
| MorCorn MC 4319 | 247.0 | 17.0 | 1 |
| Producers Hybrids 7428STXRIB | 246.6 | 16.9 | 1 |
| Producers Hybrids 7493VT2PRIB | 246.3 | 17.9 | 1 |
| Hoegemeyer HPT 7946 AM | 245.8 | 16.6 | 1 |
| AgVenture RL8537AM | 244.0 | 17.4 | 1 |
| LG LG5650VT2RIB | 244.0 | 17.5 | 1 |
| Terral REV 1884AM | 243.1 | 17.4 | 1 |
| AgVenture RL8430AM | 243.0 | 17.2 | 2 |
| Producers Hybrids 7148STX | 243.0 | 16.9 | 1 |
| LG LG5590VT2RIB | 242.8 | 16.2 | 1 |
| Terral REV 2358AM | 242.1 | 16.9 | 2 |
| MorCorn MC 4178 | 241.6 | 17.9 | 1 |
| FS InVISION FS 63ZX1 RIB | 241.1 | 17.3 | 1 |
| AgVenture RL7687AM | 240.6 | 16.5 | 2 |
| Producers Hybrids 7888STX | 240.4 | 18.7 | 1 |
| NuTech 5F015 | 239.9 | 17.4 | 1 |
| Midland 668PR | 238.9 | 16.3 | 1 |
| Dyna-Gro D54VC52 | 238.3 | 17.6 | 1 |
| Midland 594PR DG | 237.5 | 17.8 | 1 |
| NuTech X5FN1306 | 236.4 | 16.9 | 2 |
| FS InVISION FS 61SX1 RIB | 236.0 | 17.5 | 1 |
| AgVenture AV8714AM | 235.9 | 17.5 | 2 |
| FS InVISION FS 60QV1 RIB | 235.9 | 16.3 | 1 |
| FS InVISION FS 64R44 | 235.7 | 17.3 | 1 |
| Midland 448PR | 234.5 | 16.2 | 1 |

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| FS InVISION FS 62R44 | 231.7 | 17.9 | 1 |
| NuTech X5FN1307 | 231.7 | 16.9 | 1 |
| Hoegemeyer HPT 8469 AM | 231.2 | 18.3 | 1 |
| NuTech 5FB9016 | 230.4 | 18.9 | 1 |
| MorCorn MC 3966 | 229.3 | 16.2 | 1 |
| Beck's 6127A3 | 228.1 | 18.1 | 1 |
| Terral REV 22BHR43 | 226.7 | 19.2 | 1 |
| Terral REV 25BHR26 | 225.4 | 16.8 | 1 |
| Green Valley Seed GV 7962 | 224.6 | 16.1 | 1 |
| High Yield Check | 223.9 | 18.1 | 1 |
| Midland 656PR | 223.2 | 18.0 | 1 |
| Producers Hybrids 7235-3000GT | 222.1 | 16.9 | 1 |
| Producers Hybrids 7308STX | 221.5 | 17.2 | 1 |
| NuTech 5F713 | 216.3 | 16.4 | 1 |
| Terral REV 23BHR55 | 215.6 | 16.8 | 1 |
| Midland 735PR | 210.1 | 24.8 | 2 |
| NuTech X5FN1305 | 209.7 | 18.5 | 2 |
| **Mean** | **240.2** | **17.4** | **1** |
| **LSD (10%)** | **16.4** | **1.1** | |
| **CV (%)** | **6.5** | **6.0** | |

** 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.

## Summary

| Brand-Hybrid | Annada (bu/ac) | Columbia (bu/ac) | Grand Pass (bu/ac) | Henrietta (bu/ac) | Truxton (bu/ac) | Mean (bu/ac) |
|---|---|---|---|---|---|---|
| LG LG5643VT2RIB | 276.9* | 202.2* | 227.5** | 249.1 | 247.6 | 240.7** |
| MorCorn MC 4725 | 272.5* | 215.6** | 220.9* | 229.6 | 256.4* | 239.0* |
| AgVenture AV8915AM | 270.7* | 188.8 | 202.7 | 233.3 | 269.9** | 233.1* |
| AgVenture RL8430AM | 271.8* | 163.7 | 220.7* | 262.5** | 243.0 | 232.3* |
| Hoegemeyer HPT 8414 AM | 276.0* | 186.9 | 201.3 | 230.1 | 259.7* | 230.8* |
| Beck's 6368V2P | 262.5 | 199.1* | 200.0 | 236.4 | 251.7 | 229.9* |
| AgVenture AV8714AM | 270.3* | 170.3 | 214.1* | 250.8 | 235.9 | 228.3* |
| LG LG5650VT2RIB | 268.2* | 199.1* | 186.9 | 241.5 | 244.0 | 227.9* |
| AgVenture AV8614AM | 270.4* | 162.3 | 219.8* | 233.1 | 251.7 | 227.5* |
| NuTech 5F015 | 252.0 | 189.6 | 205.8 | 248.5 | 239.9 | 227.2 |
| Terral REV 2358AM | 268.4* | 209.7* | 195.2 | 218.5 | 242.1 | 226.8 |
| Producers Hybrids 7493VT2PRIB | 269.8* | 196.3* | 189.2 | 230.5 | 246.3 | 226.4 |
| NuTech X5FN1512 | 263.9* | 179.8 | 197.3 | 223.3 | 266.6* | 226.2 |
| Hoegemeyer HPT 8469 AM | 251.8 | 184.8 | 216.4* | 246.2 | 231.2 | 226.1 |
| FS InVISION FS 66ZV1 RIB | 268.1* | 172.3 | 191.0 | 238.3 | 257.9* | 225.5 |
| NuTech X5FN1306 | 271.4* | 187.3 | 204.1 | 226.3 | 236.4 | 225.1 |
| Beck's 6589V2P | 261.7 | 188.5 | 195.6 | 230.5 | 248.0 | 224.9 |
| AgVenture RL8537AM | 269.7* | 171.8 | 200.5 | 238.1 | 244.0 | 224.8 |
| Hoegemeyer HPT 8572 AM | 258.8 | 185.3 | 188.8 | 227.2 | 262.4* | 224.5 |
| Terral REV 25BHR26 | 263.2* | 191.2 | 188.0 | 251.7 | 225.4 | 223.9 |
| AgVenture RL7844AM | 266.6* | 181.0 | 178.9 | 231.0 | 254.2* | 222.3 |
| Hoegemeyer HPT 7946 AM | 261.5 | 182.0 | 187.2 | 234.8 | 245.8 | 222.3 |
| FS InVISION FS 63ZX1 RIB | 254.2 | 183.7 | 203.1 | 228.7 | 241.1 | 222.2 |
| Midland 735PR | 245.8 | 213.8* | 201.5 | 238.2 | 210.1 | 221.9 |
| AgVenture RL8899AM | 279.0** | 175.7 | 176.2 | 227.1 | 250.8 | 221.8 |
| FS InVISION FS 61SX1 RIB | 241.2 | 184.7 | 206.4 | 231.4 | 236.0 | 219.9 |
| Terral REV 1884AM | 261.7 | 178.0 | 189.1 | 225.9 | 243.1 | 219.6 |
| Terral REV 22BHR43 | 265.8* | 169.8 | 200.0 | 235.5 | 226.7 | 219.6 |
| FS InVISION FS 62R44 | 257.6 | 187.3 | 198.3 | 222.3 | 231.7 | 219.4 |
| FS InVISION FS 64SX1 RIB | 238.0 | 205.6* | 185.3 | 217.2 | 250.3 | 219.3 |
| MorCorn MC 4178 | 252.4 | 178.5 | 199.7 | 223.5 | 241.6 | 219.1 |
| NuTech 5FB9016 | 235.1 | 185.1 | 188.4 | 255.9* | 230.4 | 219.0 |
| NuTech X5FN1305 | 249.8 | 191.4 | 197.8 | 241.3 | 209.7 | 218.0 |
| MorCorn MC 4319 | 264.3* | 147.5 | 193.2 | 237.6 | 247.0 | 217.9 |
| Midland 757PR | 242.9 | 161.7 | 184.0 | 237.7 | 261.5* | 217.6 |
| Producers Hybrids 7235-3000GT | 243.9 | 185.7 | 209.9* | 226.2 | 222.1 | 217.6 |
| NuTech 5F713 | 261.2 | 152.3 | 217.7* | 240.1 | 216.3 | 217.5 |
| FS InVISION FS 60QV1 RIB | 233.9 | 194.7* | 200.7 | 218.2 | 235.9 | 216.7 |
| Producers Hybrids 7308STX | 231.3 | 194.6* | 203.4 | 230.7 | 221.5 | 216.3 |
| Producers Hybrids 7428STXRIB | 270.4* | 159.8 | 175.3 | 227.7 | 246.6 | 216.0 |
| FS InVISION FS 64R44 | 254.9 | 167.9 | 171.8 | 248.1 | 235.7 | 215.7 |

| Brand-Hybrid | Annada (bu/ac) | Columbia (bu/ac) | Grand Pass (bu/ac) | Henrietta (bu/ac) | Truxton (bu/ac) | Mean (bu/ac) |
|---|---|---|---|---|---|---|
| Producers Hybrids 7888STX | 258.2 | 167.7 | 198.2 | 213.8 | 240.4 | 215.7 |
| Green Valley Seed GV 8282 | 257.6 | 171.5 | 177.3 | 221.0 | 249.4 | 215.4 |
| Midland 594PR DG | 256.2 | 171.8 | 193.4 | 217.7 | 237.5 | 215.3 |
| Dyna-Gro D54VC52 | 254.4 | 178.9 | 183.6 | 218.5 | 238.3 | 214.7 |
| Terral REV 23BHR55 | 239.1 | 145.2 | 212.8* | 259.7* | 215.6 | 214.5 |
| High Yield Check | 266.4* | 173.1 | 190.5 | 217.7 | 223.9 | 214.3 |
| LG LG5590VT2RIB | 238.4 | 183.5 | 180.4 | 223.9 | 242.8 | 213.8 |
| FS InVISION FS 59VL1 EZR | 244.9 | 173.3 | 182.2 | 214.8 | 251.8 | 213.4 |
| AgVenture RL7687AM | 246.6 | 153.8 | 193.0 | 232.7 | 240.6 | 213.3 |
| NuTech X5FN1307 | 250.1 | 166.4 | 191.4 | 226.6 | 231.7 | 213.2 |
| MorCorn MC XP1716 | 255.9 | 162.1 | 178.6 | 219.4 | 250.0 | 213.2 |
| Midland 668PR | 265.0* | 162.6 | 182.2 | 216.0 | 238.9 | 212.9 |
| Producers Hybrids 7148STX | 254.8 | 171.0 | 157.0 | 208.8 | 243.0 | 206.9 |
| MorCorn MC 3966 | 237.0 | 182.6 | 173.7 | 207.4 | 229.3 | 206.0 |
| Midland 656PR | 240.0 | 160.5 | 188.3 | 214.8 | 223.2 | 205.4 |
| Midland 448PR | 237.6 | 166.3 | 169.8 | 216.9 | 234.5 | 205.0 |
| Beck's 6127A3 | 219.4 | 177.2 | 184.5 | 215.3 | 228.1 | 204.9 |
| Green Valley Seed GV 7962 | 228.3 | 170.1 | 168.6 | 194.8 | 224.6 | 197.3 |
| **Mean** | **255.5** | **179.0** | **194.5** | **230.1** | **240.2** | **219.9** |
| **LSD (10%)** | **15.9** | **22.5** | **19.5** | **7.6** | **16.4** | **13.3** |
| **CV (%)** | **5.9** | **11.9** | **9.5** | **3.1** | **6.5** | **7.3** |

** 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 ~ |
|---|---|---|---|
| Midland 735PR | 238.5** | 22.9 | 1 |
| Midland 757PR | 235.5* | 21.6 | 1 |
| Terral REV 25BHR26 | 235.3* | 22.0 | 1 |
| AgVenture AV8714AM | 234.4* | 21.7 | 1 |
| MorCorn MC XP1717 | 234.3* | 20.9 | 1 |
| MorCorn MC 4725 | 233.8* | 21.8 | 1 |
| Beck's 6589V2P | 226.8* | 22.1 | 1 |
| NuTech X5FN1305 | 226.4* | 20.1 | 1 |
| MorCorn MC 4178 | 225.1* | 21.1 | 1 |
| AgVenture RL8430AM | 224.5* | 20.7 | 1 |
| Beck's 6368V2P | 223.6* | 19.6 | 1 |
| Terral REV 2358AM | 222.0* | 19.6 | 1 |
| Beck's 6774V2P | 220.8* | 23.4 | 1 |
| USA 1141 | 220.1* | 22.4 | 1 |
| MorCorn MC 4319 | 219.9* | 20.9 | 1 |
| AgriGold A6579STX | 219.3* | 22.1 | 1 |
| AgVenture AV8915AM | 219.2* | 20.0 | 1 |
| AgriGold A647-90VT2PRO | 218.6* | 23.3 | 1 |
| AgriGold A6499STXRIB | 216.1 | 22.3 | 1 |
| USA 1107VT3P | 213.8 | 20.1 | 1 |
| Terral REV 23BHR55 | 212.6 | 21.1 | 1 |
| Dyna-Gro D55VC45 | 211.0 | 19.4 | 1 |
| NuTech 5FB9016 | 210.0 | 21.3 | 1 |
| MorCorn MC XP1716 | 209.7 | 20.4 | 1 |
| AgVenture AV8614AM | 209.5 | 20.6 | 1 |
| NuTech 5F713 | 207.7 | 20.9 | 1 |
| AgriGold A645-10VT2RIB | 206.5 | 21.5 | 1 |
| MorCorn MC 3966 | 205.7 | 17.9 | 1 |
| Midland 668PR | 205.6 | 21.2 | 1 |
| NuTech X5FN1307 | 203.9 | 20.4 | 1 |
| Midland 656PR | 203.0 | 22.5 | 1 |
| NuTech X5FN1510 | 202.9 | 20.4 | 1 |
| High Yield Check Irrigated | 202.6 | 21.6 | 1 |
| AgVenture RL7687AM | 201.4 | 20.3 | 1 |
| NuTech X5FN1306 | 200.0 | 19.2 | 1 |
| AgVenture RL8899AM | 193.3 | 20.7 | 1 |
| NuTech 5F015 | 182.8 | 21.6 | 1 |
| **Mean** | **215.6** | **20.9** | **1** |
| **LSD (10%)** | **20.1** | **1.1** | |
| **CV (%)** | **8.8** | **5.1** | |

** 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.

## Laddonia

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgVenture AV8614AM | 295.2** | 17.4 | 1 |
| Beck's 6774V2P | 295.2** | 17.3 | 1 |
| Beck's 6589V2P | 295.0* | 17.7 | 1 |
| NuTech X5FN1510 | 293.2* | 17.8 | 1 |
| NuTech 5FB9016 | 288.5* | 18.4 | 1 |
| AgVenture AV8714AM | 281.6* | 17.4 | 1 |
| Dyna-Gro D55VC45 | 281.6* | 16.0 | 1 |
| Terral REV 2358AM | 281.1* | 16.5 | 1 |
| AgVenture RL8899AM | 280.4* | 17.0 | 1 |
| Beck's 6368V2P | 278.8* | 16.9 | 1 |
| AgVenture RL8430AM | 276.6 | 16.7 | 1 |
| NuTech 5F713 | 276.6 | 16.6 | 1 |
| MorCorn MC 3966 | 276.1 | 15.8 | 1 |
| AgriGold A6579STX | 275.8 | 15.5 | 1 |
| MorCorn MC XP1716 | 274.1 | 16.4 | 1 |
| Midland 668PR | 271.0 | 16.2 | 1 |
| MorCorn MC 4725 | 271.0 | 18.6 | 1 |
| NuTech X5FN1306 | 269.4 | 16.9 | 1 |
| MorCorn MC 4319 | 269.1 | 16.7 | 1 |
| NuTech X5FN1305 | 268.9 | 17.3 | 1 |
| High Yield Check Irrigated | 264.5 | 16.5 | 1 |
| Terral REV 23BHR55 | 264.3 | 16.8 | 1 |
| AgVenture RL7687AM | 263.8 | 16.2 | 1 |
| NuTech 5F015 | 260.6 | 16.1 | 1 |
| Midland 735PR | 256.1 | 18.3 | 1 |
| MorCorn MC XP1717 | 255.6 | 17.6 | 1 |
| Midland 757PR | 255.0 | 18.1 | 1 |
| AgriGold A645-10VT2RIB | 254.5 | 17.0 | 1 |
| MorCorn MC 4178 | 252.1 | 15.9 | 1 |
| Terral REV 25BHR26 | 252.0 | 16.9 | 1 |
| AgVenture AV8915AM | 251.3 | 18.0 | 1 |
| Midland 656PR | 246.3 | 17.0 | 1 |
| AgriGold A6499STXRIB | 244.6 | 16.9 | 1 |
| USA 1141 | 242.6 | 17.8 | 1 |
| NuTech X5FN1307 | 241.5 | 16.8 | 1 |
| USA 1107VT3P | 235.0 | 16.1 | 1 |
| AgriGold A647-90VT2PRO | 222.8 | 17.2 | 1 |
| **Mean** | **267.3** | **16.8** | **1** |
| **LSD (10%)** | **18.0** | **1.2** | |
| **CV (%)** | **6.4** | **6.7** | |

** 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.

## Summary

| Brand-Hybrid | Columbia (bu/ac) | Laddonia (bu/ac) | Mean (bu/ac) |
|---|---|---|---|
| Beck's 6589V2P | 226.8* | 295.0* | 260.9** |
| Beck's 6774V2P | 220.8* | 295.2** | 258.0* |
| AgVenture AV8714AM | 234.4* | 281.6* | 258.0* |
| MorCorn MC 4725 | 233.8* | 271.0 | 252.4* |
| AgVenture AV8614AM | 209.5 | 295.2** | 252.4* |
| Terral REV 2358AM | 222.0* | 281.1* | 251.6* |
| Beck's 6368V2P | 223.6* | 278.8* | 251.2* |
| AgVenture RL8430AM | 224.5* | 276.6 | 250.6* |
| NuTech 5FB9016 | 210.0 | 288.5* | 249.3* |
| NuTech X5FN1510 | 202.9 | 293.2* | 248.1* |
| NuTech X5FN1305 | 226.4* | 268.9 | 247.7* |
| AgriGold A6579STX | 219.3* | 275.8 | 247.6* |
| Midland 735PR | 238.5** | 256.1 | 247.3* |
| Dyna-Gro D55VC45 | 211.0 | 281.6* | 246.3* |
| Midland 757PR | 235.5* | 255.0 | 245.3* |
| MorCorn MC XP1717 | 234.3* | 255.6 | 245.0* |
| MorCorn MC 4319 | 219.9* | 269.1 | 244.5* |
| Terral REV 25BHR26 | 235.3* | 252.0 | 243.7 |
| NuTech 5F713 | 207.7 | 276.6 | 242.2 |
| MorCorn MC XP1716 | 209.7 | 274.1 | 241.9 |
| MorCorn MC 3966 | 205.7 | 276.1 | 240.9 |
| MorCorn MC 4178 | 225.1* | 252.1 | 238.6 |
| Terral REV 23BHR55 | 212.6 | 264.3 | 238.5 |
| Midland 668PR | 205.6 | 271.0 | 238.3 |
| AgVenture RL8899AM | 193.3 | 280.4* | 236.9 |
| AgVenture AV8915AM | 219.2* | 251.3 | 235.3 |
| NuTech X5FN1306 | 200.0 | 269.4 | 234.7 |
| High Yield Check Irrigated | 202.6 | 264.5 | 233.6 |
| AgVenture RL7687AM | 201.4 | 263.8 | 232.6 |
| USA 1141 | 220.1* | 242.6 | 231.4 |
| AgriGold A645-10VT2RIB | 206.5 | 254.5 | 230.5 |
| AgriGold A6499STXRIB | 216.1 | 244.6 | 230.4 |
| Midland 656PR | 203.0 | 246.3 | 224.7 |
| USA 1107VT3P | 213.8 | 235.0 | 224.4 |
| NuTech X5FN1307 | 203.9 | 241.5 | 222.7 |
| NuTech 5F015 | 182.8 | 260.6 | 221.7 |
| AgriGold A647-90VT2PRO | 218.6* | 222.8 | 220.7 |
| **Mean** | **215.6** | **267.3** | **241.4** |
| **LSD (10%)** | **20.1** | **18.0** | **16.7** |
| **CV (%)** | **8.8** | **6.4** | **7.2** |

** Highest yielding variety in test

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

# SOUTHWEST REGION — CROP MANAGEMENT SUMMARY

## Characteristics of the Non-Irrigated Corn Test Locations — Southwest Region

| | | Soil test | | | | Precipitation (inches) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season |
| Garden City | Haig silt loam | 6.0 | 2.0 | 32 | 143 | 4.8" | 5.4" | 8.2" | 12.7" | 31.1" |
| Lamar | Parsons silt loam | 5.7 | 2.8 | 192 | 373 | 8.5" | 4.7" | 3.8" | 11.3" | 28.3" |
| Urich | Hartwell silt loam | 5.9 | 2.3 | 53 | 210 | 6.1" | 4.9" | 7.9" | 9.6" | 28.5" |

## Characteristics of the Irrigated Corn Test Locations — Southwest Region

| | | Soil test | | | | Precipitation (inches) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season | Irrigate |
| Adrian | Kenoma silt loam | Abandoned | | | | | | | | | |
| Garden City | Haig silt loam | 5.6 | 2.7 | 124 | 650 | 4.8" | 5.4" | 8.2" | 12.7" | 31.1" | 1.0" |
| Lamar | Parsons silt loam | 5.6 | 2.2 | 149 | 319 | 8.5" | 4.7" | 3.8" | 11.3" | 28.3" | 1.0" |

## Crop Management Practices at the Non-Irrigated Corn Test Locations — Southwest Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticide |
| Garden City | May 15 | Abandoned | | | | Conv. | Dual II Magnum, Atrazine, Princep, Callisto, Liberty | None | Force 3G |
| Lamar | May 26 | Oct. 30 | 240 | 0 | 0 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Urich | May 17 | Sept. 27 | 170 | 60 | 75 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |

## Crop Management Practices at the Irrigated Corn Test Locations — Southwest Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticide |
| Adrian | Abandoned | | | | | | | | |
| Garden City | May 16 | Oct. 13 | 180 | 0 | 0 | Conv. | Degree Xtra, Atrazine | None | Force 3G |
| Lamar | May 26 | Oct. 30 | 240 | 0 | 0 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |

**Notes:**
The Garden City location of the Non-Irrigated Test experienced heavy late-season wind damage. Plots could not be harvested.

The Adrian location of the Irrigated Corn Test was abandoned. The site was not planted because of wet spring weather.

# SOUTHWEST REGION — NON-IRRIGATED CORN TEST

## Lamar

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Midland 735PR | 176.9** | 13.6 | 2 |
| ProHarvest 8312 VT2PRIB | 175.8* | 13.5 | 3 |
| Producers Hybrids 7888STX | 170.3* | 14.4 | 2 |
| LG LG5618STXRIB | 169.9* | 13.0 | 2 |
| Dyna-Gro D52SS91 | 169.7* | 12.5 | 1 |
| AgriGold A6499STXRIB | 169.2* | 13.3 | 2 |
| MorCorn MC 4178 | 163.7* | 13.1 | 2 |
| Producers Hybrids 7308STX | 162.3* | 12.9 | 2 |
| MorCorn MC XP1724 | 157.4 | 13.7 | 2 |
| Beck's 6127A3 | 155.5 | 13.5 | 3 |
| MorCorn MC 4725 | 154.4 | 12.9 | 3 |
| MorCorn MC XP1717 | 154.0 | 14.5 | 3 |
| Midland 668PR | 153.2 | 10.9 | 2 |
| AgriGold A6442VT2RIB | 148.8 | 11.9 | 3 |
| Beck's 6368V2P | 142.9 | 11.6 | 2 |
| MorCorn MC 3966 | 138.0 | 10.7 | 2 |
| High Yield Check | 133.9 | 11.2 | 3 |
| Midland 757PR | 133.6 | 13.8 | 3 |
| Beck's 6589V2P | 132.8 | 12.4 | 3 |
| Producers Hybrids 7235-3000GT | 130.4 | 13.3 | 4 |
| MorCorn MC 4319 | 127.8 | 13.2 | 3 |
| ProHarvest 6734 Non-GMO | 126.8 | 12.1 | 2 |
| Midland 656PR | 125.4 | 12.9 | 3 |
| Producers Hybrids 7493VT2PRIB | 121.8 | 12.5 | 3 |
| LG LG56163000GT | 121.2 | 13.5 | 3 |
| MorCorn MC 4377 | 116.3 | 11.7 | 4 |
| Producers Hybrids 7428STXRIB | 114.4 | 12.8 | 3 |
| AgriGold A6572VT2RIB | 111.1 | 13.6 | 3 |
| Midland 448PR | 104.3 | 11.1 | 3 |
| Midland 228PR | 101.9 | 11.5 | 3 |
| Midland 594PR DG | 100.9 | 10.4 | 4 |
| MorCorn MC XP1716 | 79.6 | 12.8 | 4 |
| ProHarvest 8244 Non-GMO | 76.0 | 12.6 | 2 |
| ProHarvest 8330 Non-GMO | 72.8 | 12.3 | 3 |
| Producers Hybrids 7148STX | 72.7 | 13.1 | 4 |
| ProHarvest 8074 Non-GMO | 67.0 | 10.5 | 2 |
| **Mean** | **131.5** | **12.5** | **3** |
| **LSD (10%)** | **18.4** | **0.8** | |
| **CV (%)** | **13.2** | **6.0** | |

** 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.

## Urich

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| MorCorn MC XP1717 | 178.1** | 21.3 | 1 |
| Producers Hybrids 7493VT2PRIB | 174.3* | 22.0 | 1 |
| Midland 735PR | 163.4* | 24.1 | 1 |
| MorCorn MC 3966 | 163.1* | 16.9 | 1 |
| MorCorn MC 4319 | 162.9 | 22.4 | 1 |
| Midland 757PR | 162.7 | 22.9 | 1 |
| ProHarvest 8312 VT2PRIB | 158.6 | 22.9 | 1 |
| Midland 656PR | 157.6 | 22.6 | 1 |
| MorCorn MC XP1724 | 156.6 | 21.4 | 1 |
| AgriGold A6572VT2RIB | 156.4 | 19.3 | 1 |
| Producers Hybrids 7148STX | 155.7 | 19.7 | 1 |
| High Yield Check | 155.5 | 20.0 | 1 |
| ProHarvest 8244 Non-GMO | 155.3 | 17.6 | 1 |
| AgriGold A6499STXRIB | 154.7 | 22.2 | 1 |
| AgriGold A6442VT2RIB | 153.8 | 18.0 | 1 |
| Producers Hybrids 7235-3000GT | 151.5 | 20.4 | 1 |
| Beck's 6589V2P | 150.6 | 21.7 | 1 |
| MorCorn MC 4377 | 150.5 | 19.3 | 1 |
| MorCorn MC 4725 | 147.2 | 21.4 | 1 |
| Beck's 6127A3 | 146.3 | 18.4 | 1 |
| LG LG56163000GT | 142.8 | 22.2 | 1 |
| MorCorn MC 4178 | 142.3 | 18.3 | 1 |
| Dyna-Gro D52SS91 | 142.2 | 21.3 | 1 |
| ProHarvest 8074 Non-GMO | 142.1 | 16.4 | 1 |
| Midland 594PR DG | 140.6 | 19.7 | 1 |
| MorCorn MC XP1716 | 140.6 | 18.1 | 1 |
| LG LG5618STXRIB | 139.6 | 23.1 | 1 |
| Midland 228PR | 136.2 | 16.7 | 1 |
| ProHarvest 6734 Non-GMO | 133.6 | 16.5 | 1 |
| Producers Hybrids 7308STX | 133.4 | 20.1 | 1 |
| Producers Hybrids 7428STXRIB | 132.4 | 19.8 | 1 |
| ProHarvest 8330 Non-GMO | 129.6 | 19.6 | 1 |
| Producers Hybrids 7888STX | 125.7 | 25.7 | 1 |
| Midland 668PR | 121.4 | 21.1 | 1 |
| Beck's 6368V2P | 119.3 | 21.8 | 1 |
| Midland 448PR | 119.2 | 19.2 | 1 |
| **Mean** | **147.3** | **20.4** | **1** |
| **LSD (10%)** | **15.1** | **2.2** | |
| **CV (%)** | **7.8** | **8.6** | |

** 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.

## Summary

| Brand-Hybrid | Lamar (bu/ac) | Urich (bu/ac) | Mean (bu/ac) |
|---|---|---|---|
| Midland 735PR | 176.9** | 163.4* | 170.2** |
| ProHarvest 8312 VT2PRIB | 175.8* | 158.6 | 167.2* |
| MorCorn MC XP1717 | 154.0 | 178.1** | 166.1* |
| AgriGold A6499STXRIB | 169.2* | 154.7 | 162.0* |
| MorCorn MC XP1724 | 157.4 | 156.6 | 157.0* |
| Dyna-Gro D52SS91 | 169.7* | 142.2 | 156.0* |
| LG LG5618STXRIB | 169.9* | 139.6 | 154.8* |
| MorCorn MC 4178 | 163.7* | 142.3 | 153.0* |
| AgriGold A6442VT2RIB | 148.8 | 153.8 | 151.3* |
| Beck's 6127A3 | 155.5 | 146.3 | 150.9* |
| MorCorn MC 4725 | 154.4 | 147.2 | 150.8* |
| MorCorn MC 3966 | 138.0 | 163.1* | 150.6* |
| Midland 757PR | 133.6 | 162.7 | 148.2 |
| Producers Hybrids 7493VT2PRIB | 121.8 | 174.3* | 148.1 |
| Producers Hybrids 7888STX | 170.3* | 125.7 | 148.0 |
| Producers Hybrids 7308STX | 162.3* | 133.4 | 147.9 |
| MorCorn MC 4319 | 127.8 | 162.9 | 145.4 |
| High Yield Check | 133.9 | 155.5 | 144.7 |
| Beck's 6589V2P | 132.8 | 150.6 | 141.7 |
| Midland 656PR | 125.4 | 157.6 | 141.5 |
| Producers Hybrids 7235-3000GT | 130.4 | 151.5 | 141.0 |
| Midland 668PR | 153.2 | 121.4 | 137.3 |
| AgriGold A6572VT2RIB | 111.1 | 156.4 | 133.8 |
| MorCorn MC 4377 | 116.3 | 150.5 | 133.4 |
| LG LG56163000GT | 121.2 | 142.8 | 132.0 |
| Beck's 6368V2P | 142.9 | 119.3 | 131.1 |
| ProHarvest 6734 Non-GMO | 126.8 | 133.6 | 130.2 |
| Producers Hybrids 7428STXRIB | 114.4 | 132.4 | 123.4 |
| Midland 594PR DG | 100.9 | 140.6 | 120.8 |
| Midland 228PR | 101.9 | 136.2 | 119.1 |
| ProHarvest 8244 Non-GMO | 76.0 | 155.3 | 115.7 |
| Producers Hybrids 7148STX | 72.7 | 155.7 | 114.2 |
| Midland 448PR | 104.3 | 119.2 | 111.8 |
| MorCorn MC XP1716 | 79.6 | 140.6 | 110.1 |
| ProHarvest 8074 Non-GMO | 67.0 | 142.1 | 104.6 |
| ProHarvest 8330 Non-GMO | 72.8 | 129.6 | 101.2 |
| **Mean** | **69.6** | **75.7** | **71.3** |
| **LSD (10%)** | **15.4** | **13.3** | **9.8** |
| **CV (%)** | **11.4** | **9.0** | **11.3** |

** Highest yielding variety in test

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

## SOUTHWEST REGION — IRRIGATED CORN TEST

## Garden City

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgriGold A6572VT2RIB | 262.6** | 16.4 | 1 |
| Midland 735PR | 256.3* | 18.4 | 1 |
| MorCorn MC 4319 | 256.1* | 18.8 | 1 |
| AgriGold A645-10VT2RIB | 251.9* | 17.9 | 1 |
| Producers Hybrids 7428STXRIB | 246.5* | 18.3 | 1 |
| Producers Hybrids 7235-3000GT | 243.6 | 17.3 | 1 |
| LG LG5643STXRIB | 242.5 | 16.3 | 1 |
| Producers Hybrids 7668STXRIB | 240.9 | 17.3 | 1 |
| ProHarvest 8312 VT2PRIB | 240.3 | 16.7 | 1 |
| Midland 668PR | 240.2 | 16.9 | 1 |
| ProHarvest 8404 VT2PRIB | 239.5 | 17.3 | 1 |
| MorCorn MC XP1717 | 239.3 | 17.3 | 1 |
| Beck's 6589V2P | 238.7 | 17.3 | 1 |
| LG LG5618STXRIB | 237.6 | 16.2 | 1 |
| MorCorn MC 4377 | 237.2 | 16.2 | 1 |
| Beck's 6774V2P | 233.9 | 20.0 | 1 |
| High Yield Check | 233.2 | 16.2 | 1 |
| Producers Hybrids 7493VT2PRIB | 232.8 | 17.3 | 1 |
| MorCorn MC 4725 | 232.5 | 19.3 | 1 |
| Producers Hybrids 7888STX | 232.4 | 18.5 | 1 |
| MorCorn MC XP1716 | 230.3 | 15.9 | 1 |
| Midland 656PR | 229.2 | 17.0 | 1 |
| AgriGold A6579STX | 228.9 | 17.5 | 1 |
| Midland 594PR DG | 224.8 | 16.6 | 1 |
| MorCorn MC XP1724 | 223.1 | 18.5 | 1 |
| ProHarvest 8388 Non-GMO | 222.6 | 16.6 | 1 |
| Beck's 6368V2P | 222.5 | 16.8 | 1 |
| AgriGold A6499STXRIB | 220.7 | 16.5 | 1 |
| LG LG5663VT2RIB | 217.6 | 17.1 | 1 |
| ProHarvest 8522 STAX | 217.1 | 19.0 | 1 |
| Producers Hybrids 7308STX | 211.2 | 17.6 | 1 |
| ProHarvest 8244 Non-GMO | 201.4 | 16.5 | 1 |
| Midland 347PR | 200.0 | 17.0 | 1 |
| **Mean** | **232.0** | **17.0** | **1** |
| **LSD (10%)** | **18.1** | **1.4** | |
| **CV (%)** | **7.4** | **7.5** | |

** 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.

## Lamar

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgriGold A6572VT2RIB | 190.5** | 11.9 | 3 |
| Beck's 6774V2P | 184.5* | 13.6 | 2 |
| Producers Hybrids 7888STX | 180.6* | 13.7 | 1 |
| Midland 735PR | 179.0* | 13.8 | 2 |
| LG LG5618STXRIB | 172.6* | 12.3 | 2 |
| Producers Hybrids 7308STX | 172.0* | 12.0 | 3 |
| AgriGold A6499STXRIB | 166.2 | 12.0 | 2 |
| MorCorn MC 4319 | 166.2 | 14.1 | 3 |
| MorCorn MC 4725 | 165.9 | 12.5 | 2 |
| AgriGold A6579STX | 162.2 | 11.1 | 4 |
| Producers Hybrids 7235-3000GT | 160.1 | 12.5 | 2 |
| LG LG5663VT2RIB | 158.3 | 12.7 | 3 |
| Producers Hybrids 7668STXRIB | 152.8 | 13.7 | 3 |
| ProHarvest 8312 VT2PRIB | 150.9 | 12.4 | 2 |
| Producers Hybrids 7493VT2PRIB | 150.8 | 13.3 | 2 |
| MorCorn MC XP1724 | 150.4 | 13.7 | 2 |
| Beck's 6368V2P | 145.7 | 11.3 | 3 |
| Beck's 6589V2P | 145.0 | 12.5 | 3 |
| AgriGold A645-10VT2RIB | 143.7 | 12.7 | 2 |
| MorCorn MC XP1716 | 140.5 | 11.7 | 4 |
| MorCorn MC XP1717 | 140.3 | 13.0 | 4 |
| Midland 668PR | 137.9 | 10.4 | 3 |
| ProHarvest 8244 Non-GMO | 129.4 | 12.6 | 3 |
| LG LG5643STXRIB | 128.0 | 11.0 | 4 |
| ProHarvest 8404 VT2PRIB | 126.8 | 11.9 | 3 |
| Producers Hybrids 7428STXRIB | 125.9 | 11.6 | 4 |
| Midland 656PR | 122.0 | 12.9 | 3 |
| High Yield Check Irrigated | 119.6 | 10.9 | 3 |
| ProHarvest 8522 STAX | 117.7 | 13.7 | 2 |
| Midland 347PR | 116.3 | 11.0 | 4 |
| MorCorn MC 4377 | 111.8 | 10.4 | 4 |
| ProHarvest 8388 Non-GMO | 110.5 | 13.7 | 3 |
| Midland 594PR DG | 77.6 | 7.9 | 5 |
| **Mean** | **144.6** | **12.2** | **3** |
| **LSD (10%)** | **22.2** | **1.1** | |
| **CV (%)** | **14.4** | **8.3** | |

** 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.

## Summary

| Brand-Hybrid | Garden City (bu/ac) | Lamar (bu/ac) | Mean (bu/ac) |
|---|---|---|---|
| AgriGold A6572VT2RIB | 262.6** | 190.5** | 226.6** |
| Midland 735PR | 256.3* | 179.0* | 217.7* |
| MorCorn MC 4319 | 256.1* | 166.2 | 211.2* |
| Beck's 6774V2P | 233.9 | 184.5* | 209.2* |
| Producers Hybrids 7888STX | 232.4 | 180.6* | 206.5 |
| LG LG5618STXRIB | 237.6 | 172.6* | 205.1 |
| Producers Hybrids 7235-3000GT | 243.6 | 160.1 | 201.9 |
| MorCorn MC 4725 | 232.5 | 165.9 | 199.2 |
| AgriGold A645-10VT2RIB | 251.9* | 143.7 | 197.8 |
| Producers Hybrids 7668STXRIB | 240.9 | 152.8 | 196.9 |
| ProHarvest 8312 VT2PRIB | 240.3 | 150.9 | 195.6 |
| AgriGold A6579STX | 228.9 | 162.2 | 195.6 |
| AgriGold A6499STXRIB | 220.7 | 166.2 | 193.5 |
| Beck's 6589V2P | 238.7 | 145.0 | 191.9 |
| Producers Hybrids 7493VT2PRIB | 232.8 | 150.8 | 191.8 |
| Producers Hybrids 7308STX | 211.2 | 172.0* | 191.6 |
| MorCorn MC XP1717 | 239.3 | 140.3 | 189.8 |
| Midland 668PR | 240.2 | 137.9 | 189.1 |
| LG LG5663VT2RIB | 217.6 | 158.3 | 188.0 |
| MorCorn MC XP1724 | 223.1 | 150.4 | 186.8 |
| Producers Hybrids 7428STXRIB | 246.5* | 125.9 | 186.2 |
| MorCorn MC XP1716 | 230.3 | 140.5 | 185.4 |
| LG LG5643STXRIB | 242.5 | 128.0 | 185.3 |
| Beck's 6368V2P | 222.5 | 145.7 | 184.1 |
| ProHarvest 8404 VT2PRIB | 239.5 | 126.8 | 183.2 |
| High Yield Check Irrigated | 233.2 | 119.6 | 176.4 |
| Midland 656PR | 229.2 | 122.0 | 175.6 |
| MorCorn MC 4377 | 237.2 | 111.8 | 174.5 |
| ProHarvest 8522 STAX | 217.1 | 117.7 | 167.4 |
| ProHarvest 8388 Non-GMO | 222.6 | 110.5 | 166.6 |
| ProHarvest 8244 Non-GMO | 201.4 | 129.4 | 165.4 |
| Midland 347PR | 200.0 | 116.3 | 158.2 |
| Midland 594PR DG | 224.8 | 77.6 | 151.2 |
| **Mean** | **232.0** | **144.6** | **188.3** |
| **LSD (10%)** | **18.1** | **22.2** | **18.0** |
| **CV (%)** | **7.4** | **14.4** | **10.0** |

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

# SOUTHEAST REGION — CROP MANAGEMENT SUMMARY

## Characteristics of the Irrigated Corn Test Locations — Southeast Region

| | | Soil test | | | | Precipitation (inches) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Soil type | pH | OM | P | K | May | June | July | August | Season | Irrigate |
| Charleston – North | Dundee silt loam | 4.8 | 1.1 | 35 | 199 | 4.5” | 4.2” | 1.7” | 3.1” | 13.5” | 8.0” |
| Charleston – South | Dundee silt loam | 5.5 | 1.1 | 60 | 219 | Abandoned | | | | | |
| Oran | Commerce silt loam | 6.2 | 1.1 | 80 | 204 | 5.4” | 2.9” | 3.3” | 2.6” | 14.2” | 8.0” |
| Portageville | Tiptonville silt loam | 6.1 | 1.4 | 79 | 283 | 5.5” | 4.3” | 3.7” | 5.1” | 18.6” | 5.0” |

## Crop Management Practices at the Irrigated Corn Test Locations — Southeast Region

| | Dates | | Fertilizer | | | | Herbicides | | |
|---|---|---|---|---|---|---|---|---|---|
| Location | Planting | Harvest | N | $P_2O_5$ | $K_2O$ | Tillage | Pre | Post | Insecticides |
| Charleston – North | April 11 | Sept. 11 | 240 | 0 | 160 | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Charleston – South | April 14 | Abandoned | | | | Conv. | Dual II Magnum, Atrazine, Princep, Callisto | None | Force 3G |
| Oran | April 11 | Sept. 14 | 280 | 35 | 90 | Conv. | None | Realm Q, Atrazine | Force 3G |
| Portageville | April 12 | Sept. 11 | 260 | 0 | 0 | Conv. | Dual II Magnum, Atrazine, Princep. Callisto | None | Force 3G |

**Notes:**
Charleston North data were not used. Yields were too variable. It appears as though water ponded in the middle of the test for an extended period. All three replications were partially affected.

Charleston South data were not used. Stand density was too low in variety testing plot area and in surrounding field. Stand was variable and severely affected yield.

# SOUTHEAST REGION — IRRIGATED CORN TEST

## Oran

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgriGold A6659VT2RIB | 323.1** | 18.6 | 1 |
| MorCorn MC 4725 | 317.9* | 18.7 | 1 |
| B-H Genetics BH 8721VT2P | 317.2* | 18.1 | 1 |
| LG LG5643VT2RIB | 313.8* | 15.7 | 1 |
| Dyna-Gro D55VC45 | 312.0* | 19.3 | 1 |
| AgriGold A6711VT2PRO | 311.2* | 19.5 | 1 |
| Terral REV 23BHR55 | 309.1 | 17.5 | 1 |
| AgriGold A6544VT2RIB | 307.9 | 17.0 | 1 |
| Dyna-Gro D58VC65 | 307.4 | 18.4 | 1 |
| Armor AXC7112 | 306.0 | 16.2 | 1 |
| Beck's 6589V2P | 305.9 | 18.0 | 1 |
| AgriGold A6652VT2RIB | 305.2 | 15.8 | 1 |
| Armor AXC7114 | 304.7 | 17.6 | 1 |
| Dyna-Gro D57VP51 | 304.2 | 16.1 | 1 |
| Armor AXC7115 | 303.4 | 18.1 | 1 |
| B-H Genetics BH 8477SS | 303.2 | 17.5 | 1 |
| Dyna-Gro D58VC37 | 302.8 | 19.3 | 1 |
| Dyna-Gro D52VC63 | 302.6 | 16.7 | 1 |
| FS InVISION FS 66ZV1 RIB | 301.3 | 17.9 | 1 |
| B-H Genetics BH 8688DG2P | 299.0 | 18.7 | 1 |
| MorCorn MC 4319 | 298.4 | 18.5 | 1 |
| MorCorn MC XP1717 | 298.1 | 17.2 | 1 |
| MorCorn MC 4377 | 297.8 | 16.4 | 1 |
| LG LG5650VT2RIB | 297.4 | 17.1 | 1 |
| MorCorn MC 4718 | 296.8 | 18.2 | 1 |
| Beck's 6368V2P | 295.8 | 19.1 | 1 |
| MorCorn MC XP1724 | 295.3 | 19.2 | 1 |
| FS InVISION FS 63ZX1 RIB | 294.0 | 20.5 | 1 |
| AgriGold A645-10VT2RIB | 293.8 | 19.4 | 1 |
| Armor 1717 | 292.3 | 18.0 | 1 |
| LG LG5663VT2RIB | 292.0 | 19.0 | 1 |
| MorCorn MC XP1716 | 291.7 | 16.2 | 1 |
| Armor AXT7116 | 291.5 | 19.4 | 1 |
| Beck's 6774V2P | 290.9 | 19.9 | 1 |
| Beck's 6365AM | 290.7 | 17.0 | 1 |
| AgriGold A6572VT2RIB | 289.4 | 18.7 | 1 |
| High Yield Check | 289.4 | 15.8 | 1 |
| Midland 735PR | 287.1 | 18.8 | 1 |
| Terral REV 25BHR26 | 285.5 | 16.6 | 1 |
| FS InVISION FS 64SX1 RIB | 284.0 | 16.5 | 1 |
| AgriGold A6499STXRIB | 283.9 | 19.6 | 1 |
| FS InVISION FS 64R44 | 283.9 | 18.3 | 1 |

## Oran Southeast Region — Irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| Terral REV 28BHR18 | 281.6 | 19.0 | 1 |
| Midland 656PR | 281.4 | 18.9 | 1 |
| Midland 668PR | 280.3 | 19.0 | 1 |
| Armor A1340 | 279.1 | 17.3 | 1 |
| FS InVISION FS 62R44 | 275.8 | 21.8 | 1 |
| FS InVISION FS 68R44 | 275.8 | 21.1 | 1 |
| Delta Grow DG2888GTCBLLRW | 274.8 | 21.2 | 1 |
| FS InVISION FS 60QV1 RIB | 274.1 | 15.4 | 1 |
| FS InVISION FS 61SX1 RIB | 268.4 | 16.1 | 1 |
| Delta Grow DG3660GTCBLLRW | 257.6 | 21.4 | 1 |
| FS InVISION FS 59VL1 EZR | 254.5 | 16.2 | 1 |
| **Mean** | **293.5** | **17.8** | **1** |
| **LSD (10%)** | **11.9** | **1.6** | |
| **CV (%)** | **3.9** | **8.7** | |

** 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.

## Portageville

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| B-H Genetics BH 8721VT2P | 250.5** | 17.3 | 1 |
| FS InVISION FS 66ZV1 RIB | 245.3* | 16.2 | 1 |
| Dyna-Gro D58VC37 | 244.2* | 17.4 | 1 |
| AgriGold A6711VT2PRO | 239.1* | 17.2 | 1 |
| Terral REV 25BHR26 | 238.5* | 15.9 | 1 |
| Terral REV 23BHR55 | 235.7* | 16.7 | 1 |
| MorCorn MC 4725 | 234.6* | 16.3 | 1 |
| Dyna-Gro D57VP51 | 234.2* | 15.7 | 1 |
| MorCorn MC 4319 | 233.9* | 16.7 | 1 |
| Armor 1717 | 233.5* | 17.9 | 1 |
| Beck's 6589V2P | 233.3* | 16.3 | 1 |
| Terral REV 28BHR18 | 231.7* | 16.6 | 1 |
| MorCorn MC 4718 | 231.3* | 18.1 | 1 |
| MorCorn MC XP1724 | 229.9* | 18.3 | 1 |
| Armor A1340 | 229.8 | 17.3 | 1 |
| Dyna-Gro D55VC45 | 229.8 | 17.0 | 1 |
| LG LG5650VT2RIB | 229.7 | 16.3 | 1 |
| B-H Genetics BH 8477SS | 228.3 | 16.0 | 1 |
| Armor AXC7112 | 228.0 | 16.0 | 1 |
| MorCorn MC 4377 | 227.6 | 16.0 | 1 |
| AgriGold A6659VT2RIB | 227.4 | 17.0 | 1 |
| Beck's 6365AM | 227.1 | 15.6 | 1 |
| Armor AXC7114 | 226.7 | 15.5 | 1 |
| Beck's 6368V2P | 224.7 | 15.6 | 1 |
| AgriGold A6572VT2RIB | 224.1 | 20.9 | 1 |
| FS InVISION FS 68R44 | 224.1 | 22.4 | 1 |
| AgriGold A6544VT2RIB | 222.6 | 16.0 | 1 |
| B-H Genetics BH 8688DG2P | 221.8 | 19.0 | 1 |
| AgriGold A6652VT2RIB | 220.8 | 15.9 | 1 |
| MorCorn MC XP1716 | 220.6 | 15.9 | 1 |
| Dyna-Gro D58VC65 | 220.3 | 15.7 | 1 |
| MorCorn MC XP1717 | 220.2 | 15.3 | 1 |
| High Yield Check | 220.1 | 15.8 | 1 |
| Dyna-Gro D52VC63 | 215.7 | 15.7 | 1 |
| FS InVISION FS 64R44 | 214.3 | 17.2 | 1 |
| Armor AXC7115 | 214.2 | 16.3 | 1 |
| FS InVISION FS 63ZX1 RIB | 211.3 | 20.0 | 1 |
| Armor AXT7116 | 211.1 | 16.0 | 1 |
| FS InVISION FS 60QV1 RIB | 210.8 | 15.6 | 1 |
| Beck's 6774V2P | 210.6 | 17.0 | 1 |
| LG LG5663VT2RIB | 210.4 | 16.0 | 1 |
| Midland 668PR | 209.6 | 15.7 | 1 |

## **Portageville** Southeast Region — Irrigated (continued)

| Brand-Hybrid | Yield (bu/ac) | Moisture (%) | Lodging ~ |
|---|---|---|---|
| AgriGold A6499STXRIB | 208.9 | 16.7 | 1 |
| FS InVISION FS 64SX1 RIB | 207.2 | 17.3 | 1 |
| AgriGold A645-10VT2RIB | 206.9 | 17.1 | 1 |
| Midland 735PR | 204.4 | 18.4 | 1 |
| FS InVISION FS 61SX1 RIB | 204.1 | 15.7 | 1 |
| LG LG5643VT2RIB | 202.0 | 15.5 | 1 |
| Midland 656PR | 198.4 | 18.7 | 1 |
| FS InVISION FS 59VL1 EZR | 197.2 | 15.7 | 1 |
| Delta Grow DG2888GTCBLLRW | 197.0 | 16.0 | 1 |
| FS InVISION FS 62R44 | 194.1 | 17.1 | 1 |
| Delta Grow DG3660GTCBLLRW | 189.2 | 18.6 | 1 |
| **Mean** | **219.6** | **16.6** | **1** |
| **LSD (10%)** | **20.6** | **2.1** | |
| **CV (%)** | **8.9** | **12.1** | |

** 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.

## Summary

| Brand-Hybrid | Oran (bu/ac) | Portageville (bu/ac) | Mean (bu/ac) |
|---|---|---|---|
| B-H Genetics BH 8721VT2P | 317.2* | 250.5** | 283.9** |
| MorCorn MC 4725 | 317.9* | 234.6* | 276.3* |
| AgriGold A6659VT2RIB | 323.1** | 227.4 | 275.3* |
| AgriGold A6711VT2PRO | 311.2* | 239.1* | 275.2* |
| Dyna-Gro D58VC37 | 302.8 | 244.2* | 273.5* |
| FS InVISION FS 66ZV1 RIB | 301.3 | 245.3* | 273.3* |
| Terral REV 23BHR55 | 309.1 | 235.7* | 272.4* |
| Dyna-Gro D55VC45 | 312.0* | 229.8 | 270.9* |
| Beck's 6589V2P | 305.9 | 233.3* | 269.6* |
| Dyna-Gro D57VP51 | 304.2 | 234.2* | 269.2 |
| Armor AXC7112 | 306.0 | 228.0 | 267.0 |
| MorCorn MC 4319 | 298.4 | 233.9* | 266.2 |
| B-H Genetics BH 8477SS | 303.2 | 228.3 | 265.8 |
| Armor AXC7114 | 304.7 | 226.7 | 265.7 |
| AgriGold A6544VT2RIB | 307.9 | 222.6 | 265.3 |
| MorCorn MC 4718 | 296.8 | 231.3* | 264.1 |
| Dyna-Gro D58VC65 | 307.4 | 220.3 | 263.9 |
| LG LG5650VT2RIB | 297.4 | 229.7 | 263.6 |
| AgriGold A6652VT2RIB | 305.2 | 220.8 | 263.0 |
| Armor 1717 | 292.3 | 233.5* | 262.9 |
| MorCorn MC 4377 | 297.8 | 227.6 | 262.7 |
| MorCorn MC XP1724 | 295.3 | 229.9* | 262.6 |
| Terral REV 25BHR26 | 285.5 | 238.5* | 262.0 |
| B-H Genetics BH 8688DG2P | 299.0 | 221.8 | 260.4 |
| Beck's 6368V2P | 295.8 | 224.7 | 260.3 |
| Dyna-Gro D52VC63 | 302.6 | 215.7 | 259.2 |
| MorCorn MC XP1717 | 298.1 | 220.2 | 259.2 |
| Beck's 6365AM | 290.7 | 227.1 | 258.9 |
| Armor AXC7115 | 303.4 | 214.2 | 258.8 |
| LG LG5643VT2RIB | 313.8* | 202.0 | 257.9 |
| AgriGold A6572VT2RIB | 289.4 | 224.1 | 256.8 |
| Terral REV 28BHR18 | 281.6 | 231.7* | 256.7 |
| MorCorn MC XP1716 | 291.7 | 220.6 | 256.2 |
| High Yield Check | 289.4 | 220.1 | 254.8 |
| Armor A1340 | 279.1 | 229.8 | 254.5 |
| FS InVISION FS 63ZX1 RIB | 294.0 | 211.3 | 252.7 |
| Armor AXT7116 | 291.5 | 211.1 | 251.3 |
| LG LG5663VT2RIB | 292.0 | 210.4 | 251.2 |
| Beck's 6774V2P | 290.9 | 210.6 | 250.8 |
| AgriGold A645-10VT2RIB | 293.8 | 206.9 | 250.4 |
| FS InVISION FS 68R44 | 275.8 | 224.1 | 250.0 |

## **Summary** Southeast Region — Irrigated (continued)

| Brand-Hybrid | Oran (bu/ac) | Portageville (bu/ac) | Mean (bu/ac) |
|---|---|---|---|
| FS InVISION FS 64R44 | 283.9 | 214.3 | 249.1 |
| AgriGold A6499STXRIB | 283.9 | 208.9 | 246.4 |
| Midland 735PR | 287.1 | 204.4 | 245.8 |
| FS InVISION FS 64SX1 RIB | 284.0 | 207.2 | 245.6 |
| Midland 668PR | 280.3 | 209.6 | 245.0 |
| FS InVISION FS 60QV1 RIB | 274.1 | 210.8 | 242.5 |
| Midland 656PR | 281.4 | 198.4 | 239.9 |
| FS InVISION FS 61SX1 RIB | 268.4 | 204.1 | 236.3 |
| Delta Grow DG2888GTCBLLRW | 274.8 | 197.0 | 235.9 |
| FS InVISION FS 62R44 | 275.8 | 194.1 | 235.0 |
| FS InVISION FS 59VL1 EZR | 254.5 | 197.2 | 225.9 |
| Delta Grow DG3660GTCBLLRW | 257.6 | 189.2 | 223.4 |
| **Mean** | **293.5** | **219.6** | **256.6** |
| **LSD (10%)** | **11.9** | **20.6** | **14.5** |
| **CV (%)** | **3.9** | **8.9** | **5.9** |

** 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.

# 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.

| | | | Biotechnology traits | | | |
|---|---|---|---|---|---|---|
| | | | Herbicide[3] | | Insect[4] | |
| Hybrid | Maturity[1] | Seed Treatment[2] | Gly | Glu | AG | BG |
| AgriGold A6442VT2RIB | 109 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A645-10VT2RIB | 115 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A647-90VT2PRO | 116 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6499STXRIB | 112 | Poncho 500 + Votivo | Y | Y | Y | Y |
| AgriGold A6544VT2RIB | 113 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6572VT2RIB | 114 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6579STX | 114 | Poncho 500 + Votivo | Y | Y | Y | Y |
| AgriGold A6652VT2RIB | 116 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6659VT2RIB | 116 | Poncho 500 + Votivo | Y | N | Y | N |
| AgriGold A6711VT2PRO | 118 | Poncho 500 + Votivo | Y | N | Y | N |
| AgVenture AV8614AM | 114 | Poncho 500 | Y | Y | Y | N |
| AgVenture AV8714AM | 114 | Poncho 500 | Y | Y | Y | N |
| AgVenture AV8915AM | 115 | Poncho 500 | Y | Y | Y | N |
| AgVenture RL7687AM | 109 | Poncho 500 | Y | Y | Y | N |
| AgVenture RL7844AM | 110 | Poncho 500 | Y | Y | Y | N |
| AgVenture RL8430AM | 113 | Poncho 500 | Y | Y | Y | N |
| AgVenture RL8537AM | 113 | Poncho 500 | Y | Y | Y | N |
| AgVenture RL8899AM | 115 | Poncho 500 | Y | Y | Y | N |
| Armor 1717 | 117 | A500 + Votivo | Y | N | Y | N |
| Armor A1340 | 113 | A500 + Votivo | Y | N | Y | N |
| Armor AXC7112 | 112 | A500 + Votivo | Y | N | Y | N |
| Armor AXC7114 | 114 | A500 + Votivo | Y | N | Y | N |
| Armor AXC7115 | 115 | A500 + Votivo | Y | N | Y | Y |
| Armor AXT7116 | 116 | A500 + Votivo | Y | N | Y | N |
| Beck's 6127A3 | 111 | Escalate | Y | Y | Y | Y |
| Beck's 6365AM | 113 | Escalate | Y | Y | Y | N |
| Beck's 6368V2P | 113 | Escalate | Y | N | Y | N |
| Beck's 6589V2P | 115 | Escalate | Y | N | Y | N |
| Beck's 6774V2P | 117 | Escalate | Y | N | Y | N |
| B-H Genetics BH 8477SS | 114 | Poncho 500 + Votivo | Y | Y | Y | Y |
| B-H Genetics BH 8688DG2P | 115 | Poncho 500 + Votivo | Y | N | Y | N |
| B-H Genetics BH 8721VT2P | 117 | Poncho 500 + Votivo | Y | N | Y | N |
| Delta Grow DG2888GTCBLLRW | 115 | Poncho 1250 | Y | Y | Y | Y |
| Delta Grow DG3660GTCBLLRW | 116 | Poncho 1250 | Y | Y | Y | Y |
| Dyna-Gro D52SS91 | 112 | Acceleron 500 | Y | Y | Y | Y |
| Dyna-Gro D52VC63 | 112 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D54VC52 | 114 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D55VC45 | 115 | Acceleron 500 | Y | N | Y | N |

## Characteristics for corn hybrids (continued)

| | | | Biotechnology traits | | | |
|---|---|---|---|---|---|---|
| | | | Herbicide[3] | | Insect[4] | |
| Hybrid | Maturity[1] | Seed Treatment[2] | Gly | Glu | AG | BG |
| Dyna-Gro D57VP51 | 117 | Acceleron 500 | Y | N | Y | Y |
| Dyna-Gro D58VC37 | 118 | Acceleron 500 | Y | N | Y | N |
| Dyna-Gro D58VC65 | 118 | Acceleron 500 | Y | N | Y | N |
| FS InVISION FS 59VL1 EZR | 109 | CruiserMaxx Corn 250 + Vibrance | Y | N | Y | N |
| FS InVISION FS 60QV1 RIB | 110 | Acceleron 250 | Y | Y | Y | N |
| FS InVISION FS 61SX1 RIB | 111 | Acceleron + Poncho 500 + Votivo | Y | Y | Y | Y |
| FS InVISION FS 62R44 | 112 | Avicta Complete Corn 500 + Vibrance | Y | Y | Y | Y |
| FS InVISION FS 63ZX1 RIB | 113 | Acceleron + Poncho 500 + Votivo | Y | Y | Y | Y |
| FS InVISION FS 64R44 | 114 | Avicta Complete Corn 500 + Vibrance | Y | Y | Y | Y |
| FS InVISION FS 64SX1 RIB | 114 | Acceleron + Poncho 500 + Votivo | Y | Y | Y | Y |
| FS InVISION FS 66ZV1 RIB | 116 | Acceleron 250 | Y | Y | Y | N |
| FS InVISION FS 68R44 | 118 | Acceleron + Poncho 500 + Votivo | Y | Y | Y | Y |
| Green Valley Seed GV 7962 | 109 | Acceleron 250 | Y | N | Y | N |
| Green Valley Seed GV 8182 | 111 | Acceleron 250 | Y | N | Y | N |
| Green Valley Seed GV 8282 | 112 | Acceleron 250 | Y | N | Y | N |
| Hoegemeyer HPT 7946 AM | 109 | Poncho 500 + Votivo + Raxil | Y | Y | Y | N |
| Hoegemeyer HPT 8217 AM | 112 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | N |
| Hoegemeyer HPT 8414 AM | 114 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | N |
| Hoegemeyer HPT 8469 AM | 114 | Poncho 500 + Votivo + Raxil | Y | Y | Y | N |
| Hoegemeyer HPT 8572 AM | 115 | Poncho 1250 + Votivo + Raxil | Y | Y | Y | N |
| LG LG5590VT2RIB | 110 | Poncho 500 + Votivo | Y | N | Y | N |
| LG LG56163000GT | 112 | Poncho 500 + Votivo | Y | Y | Y | Y |
| LG LG5618STXRIB | 112 | Poncho 500 + Votivo | Y | Y | Y | Y |
| LG LG5643STXRIB | 114 | Poncho 500 + Votivo | Y | Y | Y | Y |
| LG LG5643VT2RIB | 114 | Poncho 500 + Votivo | Y | N | Y | N |
| LG LG5650VT2RIB | 115 | Poncho 500 + Votivo | Y | N | Y | N |
| LG LG5663VT2RIB | 115 | Poncho 500 + Votivo | Y | N | Y | N |
| Midland 228PR | 105 | Cruiser | Y | N | Y | N |
| Midland 347PR | 108 | Cruiser | Y | N | Y | N |
| Midland 436PR | 110 | Cruiser | Y | N | Y | N |
| Midland 448PR | 110 | Cruiser | Y | N | Y | N |
| Midland 594PR DG | 112 | Cruiser | Y | N | Y | N |
| Midland 656PR | 113 | Cruiser | Y | N | Y | N |
| Midland 668PR | 113 | Cruiser | Y | N | Y | N |
| Midland 735PR | 115 | Cruiser | Y | N | Y | N |
| Midland 757PR | 115 | Cruiser | Y | N | Y | N |
| MorCorn MC 3966 | 109 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC 4178 | 111 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC 4180 | 111 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC 4319 | 113 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC 4377 | 113 | Acceleron 250 | Y | N | Y | N |

| | | | Biotechnology traits | | | |
|---|---|---|---|---|---|---|
| | | | Herbicide[3] | | Insect[4] | |
| Hybrid | Maturity[1] | Seed Treatment[2] | Gly | Glu | AG | BG |
| MorCorn MC 4718 | 117 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC 4725 | 117 | Acceleron 250 | Y | N | Y | N |
| MorCorn MC XP1716 | 114 | A500 + B300 + EDC | Y | Y | Y | Y |
| MorCorn MC XP1717 | 114 | Poncho 500 + Votivo | Y | N | Y | N |
| MorCorn MC XP1724 | 116 | A500 + B300 + EDC | Y | N | Y | N |
| NuTech 5F015 | 115 | Poncho 500 + Votivo | Y | Y | Y | N |
| NuTech 5F510 | 110 | Poncho 500 + Votivo | Y | Y | Y | Y |
| NuTech 5F709 | 109 | Poncho 500 + Votivo | Y | Y | Y | N |
| NuTech 5F713 | 113 | Poncho 500 + Votivo | Y | Y | Y | N |
| NuTech 5FB1010 | 110 | Poncho 500 + Votivo | Y | Y | Y | N |
| NuTech 5FB9016 | 116 | Poncho 500 + Votivo | Y | Y | Y | N |
| NuTech X5FN1305 | 113 | Poncho 1250 | Y | Y | Y | N |
| NuTech X5FN1306 | 113 | Poncho 1250 | Y | Y | Y | N |
| NuTech X5FN1307 | 113 | Poncho 1250 | Y | Y | Y | N |
| NuTech X5FN1510 | 115 | Poncho 1250 | Y | Y | Y | N |
| NuTech X5FN1512 | 115 | Poncho 1250 | Y | Y | Y | N |
| NuTech X5NN1212 | 112 | CruiserMaxx Corn 250 | Y | Y | Y | N |
| Producers Hybrids 7148STX | 111 | Poncho + Votivo | Y | Y | Y | Y |
| Producers Hybrids 7235-3000GT | 112 | Poncho + Votivo | Y | Y | Y | Y |
| Producers Hybrids 7308STX | 113 | Poncho + Votivo | Y | Y | Y | Y |
| Producers Hybrids 7428STXRIB | 114 | Poncho + Votivo | Y | Y | Y | Y |
| Producers Hybrids 7493VT2PRIB | 114 | Poncho + Votivo | Y | N | Y | N |
| Producers Hybrids 7668STXRIB | 116 | Poncho + Votivo | Y | Y | Y | Y |
| Producers Hybrids 7888STX | 118 | Poncho + Votivo | Y | Y | Y | Y |
| ProHarvest 6734 Non-GMO | 107 | Acceleron | N | N | N | N |
| ProHarvest 8074 Non-GMO | 110 | Acceleron | N | N | N | N |
| ProHarvest 8244 Non-GMO | 112 | Acceleron | N | N | N | N |
| ProHarvest 8312 VT2PRIB | 113 | Acceleron | Y | N | Y | N |
| ProHarvest 8330 Non-GMO | 113 | Acceleron | N | N | N | N |
| ProHarvest 8388 Non-GMO | 115 | Acceleron | N | N | N | N |
| ProHarvest 8404 VT2PRIB | 113 | Acceleron | Y | N | Y | N |
| ProHarvest 8522 STAX | 114 | Acceleron | Y | Y | Y | Y |
| Terral REV 1884AM | 108 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| Terral REV 22BHR43 | 112 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| Terral REV 2358AM | 113 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| Terral REV 23BHR55 | 113 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| Terral REV 25BHR26 | 115 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| Terral REV 28BHR18 | 118 | Poncho + Votivo 1250 + Raxil | Y | Y | Y | Y |
| USA 1107VT3P | 110 | Maxim XL + Cruiser 250 | Y | N | Y | Y |
| USA 1141 | 114 | Maxim XL + Cruiser 250 | N | N | N | N |

[1] Relative corn maturity

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

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

[4] Several biotechnology traits 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 the purpose of this table, black cutworm is considered an above-ground pest. Specific traits differ in effectiveness of control of specific insect pests. See seed company representative for more information, and check seed bag for registered trademarks of specific traits of interest.

## SOURCES FOR CORN HYBRIDS

| Hybrid | Company and address | Phone | URL |
|---|---|---|---|
| AgriGold | AgriGold Hybrids<br>St. Francisville, IL 62460 | 618-943-5776 | ***agrigold.com*** |
| AgVenture | Wehmeyer Seed Company<br>Mascoutah, IL 62258 | 618-566-7022 | ***wehmeyerseed.com*** |
| AgVenture | AgVenture of Western Missouri<br>Savannah, MO 64485 | 816-830-7285 | ***agventurewmo.com*** |
| Armor | Armor Seed, LLC<br>Waldenburg, AR 72475 | 870-579-2286 | ***armorseed.com*** |
| Beck's | Beck's Hybrids<br>Atlanta, IN 46031 | 800-937-2325 | ***beckshybrids.com*** |
| B-H Genetics | B-H Genetics<br>Ganado, TX 77962 | 361-771-2755 | ***bhgenetics.com*** |
| Delta Grow | Delta Grow Seed<br>England, AR 72046 | 501-842-2572 | ***deltagrow.com*** |
| Dyna-Gro | Crop Production Services<br>Bowling Green, MO 63334 | 573-324-2423 | ***dyna-groseed.com*** |
| FS InVISION | GROWMARK, Inc.<br>Bloomington, IL 61701 | 309-557-6234 | ***fsseeds.com*** |
| Green Valley | Green Valley Seed<br>Kahoka, MO 63445 | 660-727-3341 | ***gvseed.com*** |
| Hoegemeyer | Hoegemeyer Hybrids<br>Hooper, NE 68031 | 402-654-3399 | ***therightseed.com*** |
| LG Seeds | LG Seeds<br>Elmwood, IL 61529 | 309-742-2211 | ***lgseeds.com*** |
| Midland | Midland Genetics<br>Ottawa, KS 66067 | 800-242-3598 | ***midlandgenetics.com*** |
| MorCorn | MFA Incorporated<br>Columbia, MO 65201 | 573-876-5100 | ***mfaseed.com*** |
| NuTech/G2 | NuTech Seed LLC<br>Ames, IA 50010 | 800-942-6748 | ***nutechseed.com*** |
| Producers | Producers Hybrids<br>Battle Creek, NE 68715 | 888-675-3190 | ***producershybrids.com*** |
| ProHarvest | Burchett Seed Service<br>Higginsville, MO 64037 | 660-641-2705 | ***burchettseed.com*** |
| Terral Seed REV | Terral Seed Inc.<br>Rayville, LA 71269 | 318-231-8800 | ***terralseed.com*** |
| USA | United Seed Associates<br>Defiance, OH 43512 | 419-395-2646 | ***unitedseedassociates.com*** |

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