



*Celebrating  
99 years  
of helping  
Iowa farmers.*

2018

# CORN

## Iowa Crop Performance Tests



# IOWA STATE UNIVERSITY

## Department of Agronomy

*A summary of replicated research by Iowa Crop Improvement Association, Iowa's Official Variety Trials.*





# Iowa Crop Improvement Association

## *Iowa Crop Performance Tests—Corn*

is conducted each year to provide information farmers need to select the best hybrids for their production conditions. This is the 99<sup>th</sup> consecutive year for the test. Yield trial information, testing procedures, and more can be found at **[croptesting.iastate.edu](http://croptesting.iastate.edu)**.

### Testing Procedures

Seed companies, Iowa Crop Improvement Association, and Iowa State University are eligible to enter hybrids in the Iowa Crop Performance Tests—Corn. There are three testing districts and five testing sites within each district (Figure 1). Entries were subdivided into experiments based on relative maturity, providing an early-season and full-season test within each district.

Each entry was replicated four times in four-row plots at a planting rate of 34,500 kernels per acre at each location. Row spacing was 30 inches, plot length was 20 feet, and planted row length was 17.4 feet. The center two rows of each plot were harvested with a corn combine. No gleanings or dropped ears were included in yield data. A moisture determination was made from each plot and yields were corrected to 15.5 percent moisture for shelled corn. Yield determinations are based on a 20 foot plot, which includes the planted row plus the alley. This is because area in alleys may contribute to the yield of plants at the ends of planted rows.

### Information Layout

Tables 3-5 contain two-year averages of agronomic information from a maximum of five locations each year. Current year district averages are shown in Tables 6-11, and entries are reported in either the early-season or full-season hybrid tests within each district. These tables contain a mean yield, moisture, and adjusted gross value based on all locations within the district. In addition, there are yield estimates based on the western fields and the eastern fields within a district. In these estimates, the location in the center of the district is used in both subcomponents. Each of these tables also contains the single-location yield for each entry. Lodging and other information from the individual locations is available at [croptesting.iastate.edu](http://croptesting.iastate.edu).



### Least Squares Means

All trait means in all tables were computed using least squares means. In cases where some values are missing, this provides the best estimates of trait values across replications, locations, and years. Least squares means are not equivalent to simple arithmetic means like those computed in a spreadsheet program using raw data or location means. Least squares means should always be used in multiple-comparison tests like the Iowa Crop Performance Tests.

## Interpretation of Results

Statistical analysis identifies the portion of yield differences due to variation in soil types, soil fertility, moisture availability, insect infestation, and diseases; plus any variation due to planting and harvesting techniques. The least significant difference (LSD) values for yield represent, in bushels per acre, the amount of yield variation that could be due to variations in the factors just mentioned. In comparing hybrids, yield differences greater than the LSD value can be attributed to differences in the yield potential of these hybrids; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Grain moistures are indications of maturity and natural drying rate. Yield comparisons should be made among hybrids of similar maturity.

Growing conditions vary at each location. Stressful conditions, such as drought, extended periods of high temperature, or excess rainfall may affect some locations more than others. It is important to select hybrids having stable performance over a range of environmental conditions because it is not certain how next year's growing season will develop. High yields for two or more consecutive years indicate stable performance. If two-year means are not available, regional averages consisting of several locations should be used to make selection decisions. Performance data from a single location have a very low predictive probability and should not be relied upon for hybrid selection decisions.



Supplemental yield and agronomic information about specific hybrids may be obtained from seed dealers, crop consultants, and from neighbors who have grown these hybrids.

## Use of Data in Advertisements

Specific advertising statements by a company about the performance of its entries must accurately reflect the published data.





## IOWA STATE UNIVERSITY

### Department of Agronomy

©2018 by the Iowa Crop Improvement Association. Used with permission.

The presentation of data for the hybrids tested does not imply endorsement by the authors or the agencies conducting the test.

Iowa Crop Improvement Association offers unbiased, third-party information to Iowa growers on the adaptation and performance of corn hybrids and soybean varieties. The latest results are available at [croptesting.iastate.edu](http://croptesting.iastate.edu).

Iowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. Veteran. Inquiries regarding non-discrimination policies may be directed to Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, Ames, Iowa 50011, Tel. (515) 294-7612, Hotline (515) 294-1222, email [eooffice@iastate.edu](mailto:eooffice@iastate.edu).

CROP 3148 Revised November 2018

## Acknowledgments

This report would not be possible without the cooperative efforts of many organizations and people. Thanks to the following for helping make this testing program a success: Ryan Frasch and Graydon Marzen for tireless work and brilliant ideas throughout the year; a special note of thanks and gratitude to Bill Fjelland, who retired this season after 12 years with ICPT; new staff members Ryan Budnik and Shawn Bryant, who bring a new level of technical expertise to our program; Jim Bueltel of NuTech, George Kadrmaz of Monsanto, and Rodney Hostettler of Prairie Hybrids for providing seed for fill plots and border rows; all of our cooperators, for without their help, our lives would be more difficult—they are listed in Table 1; David Loupee and Mike Sankey, who put in long hours of hard work for very low pay; Jode Edwards, for statistical support; students Faith Beutler and Michael Halbur for assisting with seed counting, experiment layouts, and planting—their efforts contributed greatly to the success of our mission; Nuwan De Silva for software design and support, and Kelly Iverson of ICIA who makes it all look good. A special thanks to all of the companies who enter hybrids in our test. They are listed at the end of this report in Table 12. It is their participation and support that continues to make these tests an invaluable resource for growers.

## For More Information

- For more information about the *Iowa Crop Performance Tests*, visit [croptesting.iastate.edu](http://croptesting.iastate.edu).
- For information about Iowa Crop Improvement Association, visit [iowacrop.org](http://iowacrop.org).
- For questions or comments contact:

### Jim Rouse

Executive Director  
Iowa Crop Improvement Association  
4611 Mortensen Rd, Suite 101  
Ames, IA 50014  
[croptesting@iastate.edu](mailto:croptesting@iastate.edu)

# Contents

## General Information

|                                                                            |   |
|----------------------------------------------------------------------------|---|
| Figure 1. Test locations for the 2018 Iowa Crop Performance Test—Corn..... | 5 |
| Table 1. General information for the 2018 corn test.....                   | 6 |
| Table 2. GMO, seed treatment, and other data descriptions.....             | 6 |

## 2017-2018 Two-Year Means

|                                |   |
|--------------------------------|---|
| Table 3. North District.....   | 7 |
| Table 4. Central District..... | 8 |
| Table 5. South District.....   | 9 |

## 2018 District and Single-Location Means

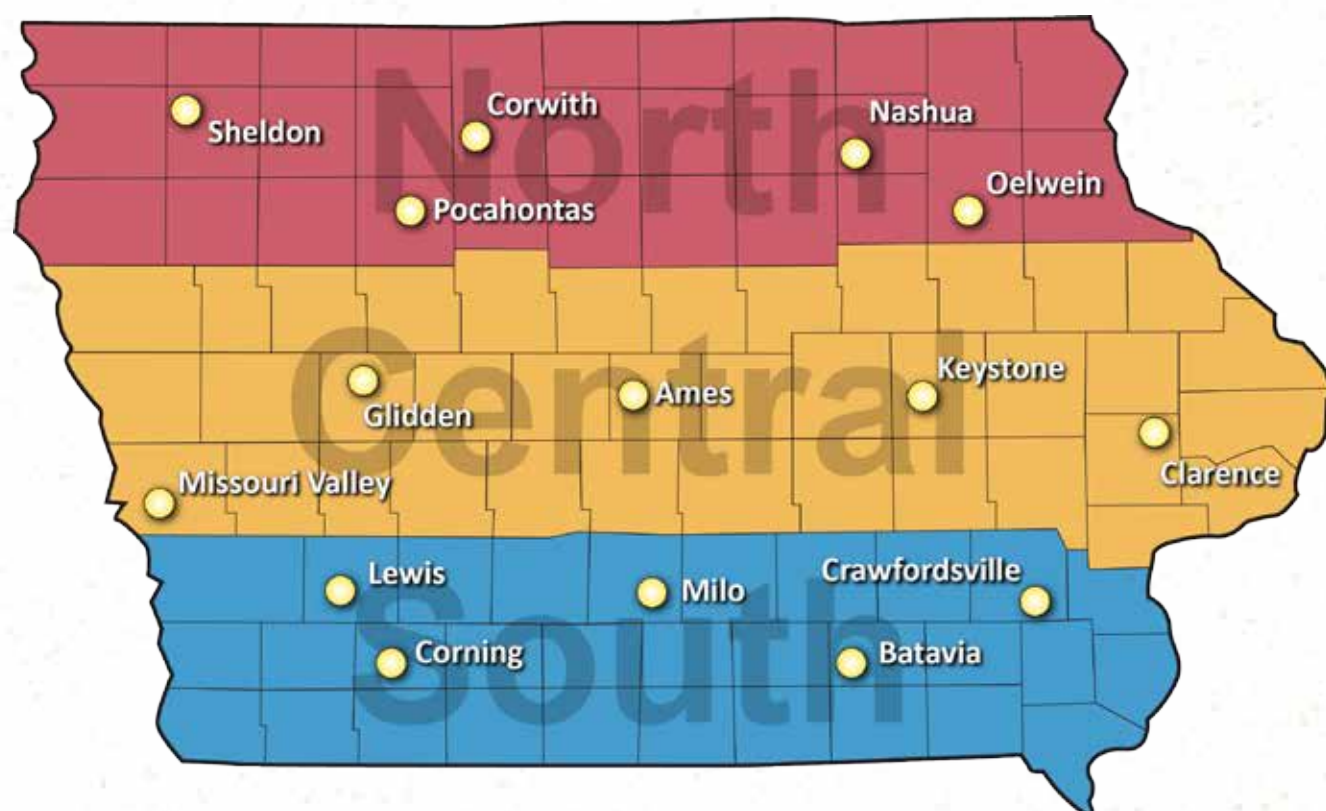
|                                                   |    |
|---------------------------------------------------|----|
| Table 6. North District, Early-season test.....   | 10 |
| Table 7. North District, Full-season test.....    | 11 |
| Table 8. Central District, Early-season test..... | 12 |
| Table 9. Central District, Full-season test.....  | 13 |
| Table 10. South District, Early-season test.....  | 14 |
| Table 11. South District, Full-season test.....   | 15 |

## Participants

|                                    |    |
|------------------------------------|----|
| Table 12. Entrant Information..... | 16 |
|------------------------------------|----|

**Figure 1.**

## Test locations for the 2018 Iowa Crop Performance Tests—Corn



**Table 1. General information for the 2018 corn test.**

| Location and Cooperator           | Soil Type                         | Planting Date | Harvest Date | Avg Yield Bu/Acre |
|-----------------------------------|-----------------------------------|---------------|--------------|-------------------|
| <b>North</b>                      |                                   |               |              |                   |
| Sheldon, Daryl Roos               | Galva / Primghar silty clay loam  | 23-May        | 20-Oct       | 199.9             |
| Pocahontas, John Schott           | Clarion loam / Canisteo clay loam | 8-May         | 15-Oct       | 204.6             |
| Corwith, Norm & Jonathan Chambers | Canisteo clay loam                | 19-May        | 27-Oct       | N/A               |
| Nashua, Ken Pecinovsky            | Kenyon loam                       | 8-May         | 13-Oct       | 186.1             |
| Oelwein, Heath Geiselman          | Clyde clay loam / Floyd loam      | 17-May        | 12-Oct       | 197.7             |
| <b>Central</b>                    |                                   |               |              |                   |
| Missouri Valley, Dean McIntosh    | McPaul silt loam                  | 1-May         | 2-Nov        | N/A               |
| Glidden, David Theilen            | Clarion loam / Nicollet loam      | 29-Apr        | 4-Oct        | 217.4             |
| Ames, Kevin Scholbrock            | Webster clay loam                 | 15-May        | 19-Oct       | 207.0             |
| Keystone, Dennis & Steve Pohlman  | Tama silty clay loam              | 7-May         | 14-Oct       | 246.0             |
| Clarence, Dave Elijah             | Muscatine silty clay loam         | 7-May         | 17-Oct       | 257.3             |
| <b>South</b>                      |                                   |               |              |                   |
| Lewis, Dennis Jipsen              | Melia / Marshall silty clay loam  | 27-Apr        | 27-Sep       | N/A               |
| Corning, David Fuller             | Macksburg silty clay loam         | 27-Apr        | 23-Oct       | 198.3             |
| Milo, Craig & Adam Hill           | Givin silt loam                   | 26-Apr        | 21-Sep       | 179.4             |
| Batavia, Allen McElderry          | Haig silt loam                    | 7-May         | 2-Nov        | 232.4             |
| Crawfordsville, Myron Rees        | Macksburg silty clay loam         | 7-May         | 3-Oct        | 220.4             |

**Table 2. GMO, seed treatment, and other data descriptions.**

|                          |                            |                                        |                                |
|--------------------------|----------------------------|----------------------------------------|--------------------------------|
| <b>GMO Trait Package</b> |                            | <b>Herb Tech: Herbicide Technology</b> |                                |
| <b>AM</b>                | Optimum AcreMax            | <b>GT</b>                              | Agrisure Glyphosate Tolerant   |
| <b>CB</b>                | Agrisure CornBorer         | <b>LL</b>                              | Liberty Link                   |
| <b>DG</b>                | Genuity DroughtGard        | <b>RR2</b>                             | Roundup Ready                  |
| <b>DGVT2P</b>            | Genuity DroughtGard + VT2P |                                        |                                |
| <b>GT3K</b>              | Agrisure 3000GT            |                                        |                                |
| <b>HX1</b>               | Herculex                   |                                        |                                |
| <b>PC</b>                | PowerCore                  |                                        |                                |
| <b>SSX</b>               | SmartStax                  |                                        |                                |
| <b>V3010</b>             | Viptera 3010               |                                        |                                |
| <b>V3110</b>             | Viptera 3110               |                                        |                                |
| <b>V3120</b>             | Viptera 3120               |                                        |                                |
| <b>VT2P</b>              | YieldGard VT Double PRO    |                                        |                                |
| <b>-RIB</b>              | Refuge-in-bag              |                                        |                                |
|                          |                            | <b>IST: Insecticide Seed Treatment</b> |                                |
|                          |                            | <b>A500PV</b>                          | Acceleron 500/Poncho/VOTiVO    |
|                          |                            | <b>ACL250</b>                          | Acceleron @ 0.250 mg ai / seed |
|                          |                            | <b>ACL500</b>                          | Acceleron @ 0.500 mg ai / seed |
|                          |                            | <b>C250</b>                            | Cruiser @ 0.250 mg ai / seed   |
|                          |                            | <b>CEP</b>                             | Cruiser Extreme Pak            |
|                          |                            | <b>CL250</b>                           | Cruiser + Lumivia              |
|                          |                            | <b>MX-D</b>                            | Maxim XL + Dynasty             |
|                          |                            | <b>MX-QT</b>                           | Maxim + Quattro                |
|                          |                            | <b>P500V</b>                           | Poncho 500 + VOTiVO            |
|                          |                            | <b>P1250V</b>                          | Poncho 1250 + VOTiVO           |
|                          |                            | <b>PPST</b>                            | Pioneer Premium Seed Treatment |

**RM:** Relative maturity in days, provided by entrant

**Yield:** Bushels per acre, standardized at 15.5% moisture

**Moist:** Harvest moisture, expressed as percent

**AGV:** Adjusted Gross Value, based on a price per bushel of \$3.25 and drying costs of 6 cents per point

This year we evaluated over 180 hybrids from 19 companies in nearly 300 district-by-hybrid combinations.

Entries were distributed in three districts and two experiments per district.

Each experiment was grown at five locations, with four replicates of each entry at each location.



**Table 3. North district 2-year means, 2017 -2018.**
**North early-season hybrids,  $\approx$  RM  $\leq$  103**

| Company                | Hybrid      | RM  | Trait Pkg | Herb Tech | Yield Bu/A   | Moist %     | NW Yield Bu/A | NE Yield Bu/A | AGV \$ |
|------------------------|-------------|-----|-----------|-----------|--------------|-------------|---------------|---------------|--------|
| Titan Pro              | TP 53-03 2P | 103 | VT2P-RIB  | RR2       | 219.2        | 17.7        | 218.1         | 220.5         | 682    |
| NuTech/G2 Genetics     | 5F-702      | 102 | AM-RIB    | LL,RR2    | 218.1        | 17.5        | 215.5         | 224.0         | 681    |
| Cornelius              | C385DP      | 103 | VT2P      | RR2       | 217.3        | 17.6        | 216.0         | 221.7         | 677    |
| NuTech/G2 Genetics     | 5F-503      | 103 | AM-RIB    | LL,RR2    | 215.4        | 17.8        | 212.5         | 218.8         | 669    |
| NuTech/G2 Genetics     | 5F-601      | 101 | AM-RIB    | LL,RR2    | 215.1        | 17.8        | 212.2         | 220.3         | 668    |
| Prairie Hybrids        | 3415        | 104 | None      | None      | 213.1        | 18.5        | 216.9         | 213.1         | 653    |
| Viking                 | 44-98       | 98  | None      | None      | 212.4        | 17.0        | 211.9         | 212.5         | 670    |
| Titan Pro              | TP 40-03    | 103 | None      | None      | 212.1        | 18.6        | 214.4         | 213.5         | 649    |
| NuTech                 | 5N-800      | 100 | GT3K      | GT, LL    | 211.9        | 17.6        | 214.2         | 213.2         | 660    |
| Pioneer                | P0157AM     | 101 | AM-RIB    | LL,RR2    | 210.9        | 17.8        | 211.3         | 214.1         | 655    |
| DEKALB                 | DKC51-38RIB | 101 | SSX-RIB   | LL,RR2    | 210.6        | 17.9        | 208.1         | 216.2         | 653    |
| Titan Pro              | TP 65-00 2P | 100 | VT2P-RIB  | RR2       | 208.9        | 17.3        | 207.0         | 211.8         | 655    |
| DEKALB                 | DKC50-08RIB | 100 | SSX-RIB   | LL,RR2    | 208.3        | 17.6        | 208.6         | 210.9         | 649    |
| Renk                   | RK642SSTX   | 103 | SSX       | RR2       | 208.1        | 18.5        | 204.6         | 214.5         | 637    |
| DEKALB                 | DKC52-68RIB | 102 | VT2P-RIB  | RR2       | 206.6        | 18.7        | 204.1         | 209.2         | 630    |
| Prairie Hybrids        | 2607        | 103 | None      | None      | 205.2        | 18.3        | 214.1         | 203.1         | 630    |
| Blue River             | 48G35       | 102 | None      | None      | 204.6        | 19.1        | 203.3         | 204.4         | 619    |
| Viking                 | 57-01       | 101 | None      | None      | 203.3        | 17.4        | 205.7         | 207.0         | 636    |
| Epley                  | E1020       | 100 | None      | None      | 202.9        | 16.7        | 204.2         | 203.7         | 642    |
| Titan Pro              | TP 58-01 2P | 101 | VT2P-RIB  | RR2       | 201.2        | 17.1        | 200.0         | 204.2         | 632    |
| <b>Experiment Mean</b> |             |     |           |           | <b>208.1</b> | <b>17.6</b> | <b>209.3</b>  | <b>209.7</b>  |        |
| <b>LSD(0.25)</b>       |             |     |           |           | <b>5.4</b>   | <b>0.3</b>  | <b>7.0</b>    | <b>7.9</b>    |        |

**North full-season hybrids,  $\approx$  RM  $>$  103**

| Company                | Hybrid      | RM  | Trait Pkg | Herb Tech | Yield Bu/A   | Moist %     | NW Yield Bu/A | NE Yield Bu/A | AGV \$ |
|------------------------|-------------|-----|-----------|-----------|--------------|-------------|---------------|---------------|--------|
| Pioneer                | P0825AM     | 108 | AM-RIB    | LL,RR2    | 227.6        | 19.6        | 224.3         | 231.2         | 682    |
| NuTech/G2 Genetics     | 5F-504      | 104 | AM-RIB    | LL,RR2    | 224.4        | 18.2        | 221.8         | 231.1         | 691    |
| Titan Pro              | TP 40-09    | 109 | None      | None      | 224.1        | 19.0        | 225.0         | 224.8         | 680    |
| Viking                 | 42-05       | 105 | None      | None      | 222.1        | 18.8        | 221.7         | 221.7         | 676    |
| NuTech/G2 Genetics     | 5F-709      | 109 | AM-RIB    | LL,RR2    | 220.4        | 19.7        | 220.9         | 218.6         | 659    |
| DEKALB                 | DKC57-97RIB | 107 | SSX-RIB   | LL,RR2    | 219.6        | 18.8        | 216.6         | 223.7         | 669    |
| Cornelius              | C461SS      | 106 | SSX       | RR2       | 218.8        | 18.0        | 218.3         | 219.7         | 677    |
| Epley                  | E1712SS     | 107 | SSX       | LL,RR2    | 216.9        | 18.1        | 218.8         | 217.6         | 670    |
| Titan Pro              | TP 77-06 SS | 106 | SSX-RIB   | LL,RR2    | 215.9        | 18.4        | 216.3         | 215.4         | 663    |
| NuTech/G2 Genetics     | 5F-308      | 108 | AM-RIB    | LL,RR2    | 215.9        | 19.9        | 218.9         | 213.6         | 643    |
| Renk                   | RK763VT2P   | 108 | VT2P-RIB  | RR2       | 215.3        | 18.6        | 224.5         | 210.9         | 658    |
| Viking                 | 13-07       | 107 | None      | None      | 214.8        | 17.8        | 212.8         | 215.9         | 666    |
| Renk                   | RK717SSTX   | 105 | SSX-RIB   | RR2       | 212.0        | 17.9        | 210.7         | 214.5         | 657    |
| Prairie Hybrids        | 5787        | 108 | None      | None      | 211.0        | 20.3        | 218.2         | 206.8         | 623    |
| Prairie Hybrids        | 4718        | 106 | None      | None      | 208.6        | 19.4        | 213.0         | 207.5         | 628    |
| Mycogen                | 2G685       | 109 | GT3K      | GT, LL    | 208.3        | 19.7        | 218.8         | 202.9         | 622    |
| Prairie Hybrids        | 6903        | 109 | None      | None      | 207.6        | 19.1        | 217.2         | 203.4         | 628    |
| <b>Experiment Mean</b> |             |     |           |           | <b>212.1</b> | <b>19.0</b> | <b>214.2</b>  | <b>212.2</b>  |        |
| <b>LSD(0.25)</b>       |             |     |           |           | <b>7.2</b>   | <b>0.5</b>  | <b>9.3</b>    | <b>9.1</b>    |        |

**Table 4. Central district 2-year means, 2017-2018.**
**Central early-season hybrids,  $\approx$  RM  $\leq$  109**

| Company                | Hybrid      | RM  | Trait Pkg | Herb Tech | Yield Bu/A   | Moist %     | CW Yield Bu/A | CE Yield Bu/A | AGV \$ |
|------------------------|-------------|-----|-----------|-----------|--------------|-------------|---------------|---------------|--------|
| Pioneer                | P0825AM     | 108 | AM-RIB    | LL,RR2    | 243.7        | 18.6        | 223.3         | 254.8         | 745    |
| NuTech/G2 Genetics     | 5F-308      | 108 | AM-RIB    | LL,RR2    | 241.6        | 18.9        | 223.6         | 252.0         | 735    |
| Mycogen                | 2G685       | 109 | GT3K      | GT, LL    | 240.9        | 19.3        | 228.7         | 245.9         | 726    |
| Renk                   | RK763VT2P   | 108 | VT2P-RIB  | RR2       | 239.0        | 18.1        | 229.7         | 243.5         | 737    |
| Cornelius              | C461SS      | 106 | SSX       | RR2       | 237.3        | 17.8        | 223.0         | 244.0         | 737    |
| Prairie Hybrids        | 6903        | 109 | None      | None      | 236.8        | 18.9        | 223.7         | 240.6         | 719    |
| NuTech/G2 Genetics     | 5F-504      | 104 | AM-RIB    | LL,RR2    | 236.8        | 18.0        | 221.9         | 243.6         | 732    |
| DuraCrop               | 3087 VT2P   | 108 | VT2P      | RR2       | 236.7        | 18.6        | 225.8         | 245.1         | 723    |
| NuTech/G2 Genetics     | 5F-709      | 109 | AM-RIB    | LL,RR2    | 235.3        | 18.7        | 223.4         | 237.2         | 718    |
| Epley                  | E1712SS     | 107 | SSX       | LL,RR2    | 235.2        | 17.9        | 223.8         | 241.8         | 729    |
| DEKALB                 | DKC59-50RIB | 109 | VT2P-RIB  | RR2       | 234.5        | 18.8        | 219.7         | 241.8         | 714    |
| Miller Hybrids         | M08-06BGV   | 109 | V3110     | GT, LL    | 234.2        | 20.1        | 214.1         | 244.5         | 694    |
| Titan Pro              | TP 40-09    | 109 | None      | None      | 233.7        | 18.5        | 225.0         | 234.9         | 716    |
| Prairie Hybrids        | 4718        | 106 | None      | None      | 233.7        | 18.9        | 219.8         | 237.4         | 709    |
| Prairie Hybrids        | 5787        | 108 | None      | None      | 233.5        | 19.6        | 216.8         | 240.4         | 700    |
| Titan Pro              | TP 77-06 SS | 106 | SSX-RIB   | LL,RR2    | 232.6        | 17.9        | 218.7         | 237.0         | 721    |
| Prairie Hybrids        | 5447        | 109 | None      | None      | 230.1        | 19.0        | 214.7         | 235.5         | 698    |
| Renk                   | RK717SSTX   | 105 | SSX-RIB   | RR2       | 228.8        | 17.8        | 216.6         | 232.3         | 710    |
| Mycogen                | MY08T21     | 108 | None      | RR2       | 226.9        | 19.1        | 210.8         | 233.4         | 687    |
| <b>Experiment Mean</b> |             |     |           |           | <b>231.8</b> | <b>18.5</b> | <b>218.6</b>  | <b>237.4</b>  |        |
| <b>LSD(0.25)</b>       |             |     |           |           | <b>8.0</b>   | <b>0.3</b>  | <b>11.9</b>   | <b>8.2</b>    |        |

**Central full-season hybrids,  $\approx$  RM  $>$  109**

| Company                | Hybrid        | RM  | Trait Pkg  | Herb Tech | Yield Bu/A   | Moist %     | CW Yield Bu/A | CE Yield Bu/A | AGV \$ |
|------------------------|---------------|-----|------------|-----------|--------------|-------------|---------------|---------------|--------|
| Viking                 | 53-12         | 112 | None       | None      | 246.9        | 20.1        | 225.3         | 257.0         | 732    |
| Titan Pro              | TP 71-12 DG2P | 112 | DGVT2P-RIB | RR2       | 246.7        | 20.1        | 230.3         | 252.8         | 732    |
| DuraCrop               | 3126 GT3      | 112 | GT3K       | GT, LL    | 246.5        | 20.4        | 224.4         | 260.5         | 727    |
| DEKALB                 | DKC63-21RIB   | 113 | SSX-RIB    | LL,RR2    | 246.3        | 19.9        | 227.7         | 251.7         | 733    |
| Prairie Hybrids        | 6878          | 112 | None       | None      | 245.3        | 20.3        | 231.2         | 248.6         | 724    |
| Pioneer                | P1197AM       | 111 | AM-RIB     | LL,RR2    | 243.9        | 19.5        | 221.9         | 255.4         | 732    |
| DEKALB                 | DKC64-34RIB   | 114 | SSX-RIB    | LL,RR2    | 243.8        | 21.0        | 232.8         | 246.3         | 709    |
| Renk                   | RK859DGV2P    | 112 | DGVT2P-RIB | RR2       | 243.6        | 19.9        | 226.1         | 250.5         | 725    |
| NuTech/G2 Genetics     | 5FB-1010      | 110 | AM-RIB     | LL,RR2    | 243.6        | 19.8        | 220.6         | 257.3         | 727    |
| NuTech/G2 Genetics     | 5FB-6313      | 113 | AM-RIB     | LL,RR2    | 242.7        | 19.9        | 222.1         | 250.2         | 723    |
| DEKALB                 | DKC62-52RIB   | 112 | SSX-RIB    | LL,RR2    | 242.5        | 19.5        | 229.2         | 246.2         | 728    |
| Miller Hybrids         | M14-28BRG     | 114 | GT3K       | GT, LL    | 239.8        | 21.9        | 222.0         | 251.4         | 684    |
| NuTech                 | 5NN-8812      | 112 | GT3K       | GT, LL    | 238.8        | 20.7        | 215.0         | 250.8         | 700    |
| Titan Pro              | TP 74-12 SS   | 112 | SSX-RIB    | LL,RR2    | 238.8        | 20.3        | 226.3         | 245.4         | 705    |
| Mycogen                | MY12G35RA     | 112 | PC-RIB     | RR2       | 238.4        | 20.6        | 223.7         | 244.1         | 700    |
| Cornelius              | C765SS        | 114 | SSX        | RR2       | 236.7        | 20.7        | 216.8         | 246.4         | 693    |
| Prairie Hybrids        | 8904          | 114 | None       | None      | 234.8        | 20.7        | 222.4         | 239.9         | 687    |
| Prairie Hybrids        | 7355          | 112 | None       | None      | 233.9        | 20.2        | 209.0         | 246.5         | 692    |
| Cornelius              | C667DP        | 112 | VT2P       | RR2       | 232.5        | 20.3        | 215.5         | 242.2         | 687    |
| Miller Hybrids         | M11-52        | 112 | None       | None      | 231.8        | 21.1        | 214.2         | 238.3         | 673    |
| Renk                   | RK877DGV2P    | 111 | DGVT2P-RIB | RR2       | 231.6        | 19.4        | 221.9         | 233.0         | 696    |
| Prairie Hybrids        | 6407          | 111 | None       | None      | 231.1        | 19.6        | 215.1         | 237.4         | 692    |
| DuraCrop               | 3110 GT3      | 111 | GT3K       | GT, LL    | 230.1        | 21.0        | 211.5         | 243.0         | 669    |
| Renk                   | RK842SSTX     | 112 | SSX        | RR2       | 229.9        | 20.4        | 210.3         | 237.4         | 678    |
| Mycogen                | MY12H25RA     | 112 | PC-RIB     | RR2       | 228.7        | 21.3        | 209.4         | 237.1         | 661    |
| Titan Pro              | TP 66-10 2P   | 110 | VT2P-RIB   | RR2       | 226.8        | 19.1        | 215.0         | 231.5         | 687    |
| <b>Experiment Mean</b> |               |     |            |           | <b>236.6</b> | <b>20.1</b> | <b>220.8</b>  | <b>243.4</b>  |        |
| <b>LSD(0.25)</b>       |               |     |            |           | <b>8.3</b>   | <b>0.3</b>  | <b>11.1</b>   | <b>8.8</b>    |        |



**Table 5. South district 2-year means, 2017-2018.**
**South early-season hybrids,  $\approx$  RM  $\leq$  112**

| Company                | Hybrid        | RM  | Trait Pkg  | Herb Tech | Yield Bu/A   | Moist %     | SW Yield Bu/A | SE Yield Bu/A | AGV \$ |
|------------------------|---------------|-----|------------|-----------|--------------|-------------|---------------|---------------|--------|
| Pioneer                | P1197AM       | 111 | AM-RIB     | LL,RR2    | 222.1        | 18.0        | 219.6         | 222.8         | 687    |
| Mycogen                | MY12G35RA     | 112 | PC-RIB     | RR2       | 222.1        | 18.8        | 213.1         | 224.9         | 676    |
| Cornelius              | C667DP        | 112 | VT2P       | RR2       | 219.1        | 18.3        | 207.5         | 221.2         | 673    |
| NuTech/G2 Genetics     | 5FB-1010      | 110 | AM-RIB     | LL,RR2    | 218.0        | 18.2        | 210.5         | 220.9         | 671    |
| Titan Pro              | TP 71-12 DG2P | 112 | DGVT2P-RIB | RR2       | 217.9        | 18.3        | 210.0         | 217.7         | 670    |
| Roeschley              | RX12-70SS     | 112 | SSX        | LL,RR2    | 217.4        | 18.4        | 208.7         | 219.3         | 668    |
| DEKALB                 | DKC60-87RIB   | 110 | SSX-RIB    | LL,RR2    | 217.3        | 18.2        | 210.4         | 220.0         | 669    |
| NuTech/G2 Genetics     | 5FB-9909      | 109 | AM-RIB     | LL,RR2    | 216.6        | 17.3        | 211.0         | 216.3         | 679    |
| Titan Pro              | TP 74-12 SS   | 112 | SSX-RIB    | LL,RR2    | 216.5        | 18.2        | 210.7         | 214.6         | 667    |
| DEKALB                 | DKC62-52RIB   | 112 | SSX-RIB    | LL,RR2    | 215.6        | 18.2        | 207.2         | 215.1         | 664    |
| Hoegemeyer             | HPT 7946 AM   | 109 | AM-RIB     | LL,RR2    | 214.0        | 18.0        | 209.4         | 214.9         | 661    |
| NuTech                 | 5NN-8812      | 112 | GT3K       | GT, LL    | 212.8        | 19.0        | 204.2         | 218.2         | 646    |
| DuraCrop               | 3127 VT2P     | 112 | VT2P       | RR2       | 211.4        | 18.3        | 197.5         | 213.7         | 650    |
| Renk                   | RK877DGVT2P   | 111 | DGVT2P-RIB | RR2       | 210.3        | 17.8        | 204.0         | 208.9         | 653    |
| Titan Pro              | TP 66-10 2P   | 110 | VT2P-RIB   | RR2       | 210.1        | 17.6        | 200.7         | 211.9         | 655    |
| DuraCrop               | 3110 GT3      | 111 | GT3K       | GT, LL    | 208.4        | 18.8        | 195.1         | 211.9         | 634    |
| Mycogen                | 2G685         | 109 | GT3K       | GT, LL    | 207.5        | 18.1        | 197.4         | 208.1         | 640    |
| Mycogen                | MY12H25RA     | 112 | PC-RIB     | RR2       | 203.2        | 18.7        | 189.0         | 209.5         | 620    |
| <b>Experiment Mean</b> |               |     |            |           | <b>213.1</b> | <b>18.1</b> | <b>206.0</b>  | <b>213.8</b>  |        |
| <b>LSD(0.25)</b>       |               |     |            |           | <b>7.2</b>   | <b>0.3</b>  | <b>9.7</b>    | <b>8.8</b>    |        |

**South full-season hybrids,  $\approx$  RM  $>$  112**

| Company                | Hybrid      | RM  | Trait Pkg | Herb Tech | Yield Bu/A   | Moist %     | SW Yield Bu/A | SE Yield Bu/A | AGV \$ |
|------------------------|-------------|-----|-----------|-----------|--------------|-------------|---------------|---------------|--------|
| DEKALB                 | DKC66-74RIB | 116 | SSX-RIB   | LL,RR2    | 218.8        | 18.7        | 213.0         | 223.3         | 667    |
| NuTech/G2 Genetics     | 5FB-6313    | 113 | AM-RIB    | LL,RR2    | 217.4        | 18.3        | 210.1         | 224.1         | 668    |
| DEKALB                 | DKC63-21RIB | 113 | SSX-RIB   | LL,RR2    | 214.7        | 18.0        | 205.7         | 220.2         | 664    |
| Hoegemeyer             | HPT 8572 AM | 115 | AM-RIB    | LL,RR2    | 214.2        | 19.3        | 202.1         | 219.7         | 646    |
| MorCorn                | MC 4319     | 113 | VT2P-RIB  | RR2       | 213.8        | 19.3        | 197.8         | 221.8         | 645    |
| DEKALB                 | DKC64-34RIB | 114 | SSX-RIB   | LL,RR2    | 213.8        | 18.8        | 207.0         | 220.0         | 651    |
| Hoegemeyer             | HPT 8414 AM | 114 | AM-RIB    | LL,RR2    | 212.7        | 18.3        | 205.5         | 218.5         | 653    |
| Cornelius              | C765SS      | 114 | SSX       | RR2       | 212.4        | 18.6        | 206.8         | 218.2         | 649    |
| MorCorn                | MC 4725     | 117 | VT2P-RIB  | RR2       | 206.8        | 19.6        | 196.7         | 212.7         | 619    |
| Pioneer                | P1555CHR    | 115 | HX1       | LL,RR2    | 205.4        | 19.0        | 194.7         | 212.3         | 622    |
| Prairie Hybrids        | 8904        | 114 | None      | None      | 201.3        | 18.8        | 187.2         | 210.2         | 613    |
| <b>Experiment Mean</b> |             |     |           |           | <b>210.4</b> | <b>18.7</b> | <b>199.8</b>  | <b>217.7</b>  |        |
| <b>LSD(0.25)</b>       |             |     |           |           | <b>7.9</b>   | <b>0.3</b>  | <b>12.0</b>   | <b>8.9</b>    |        |

**Table 6. North district, 2018 district and single-location means. Early-season test, RM ≤ 103.**

| Company                           | Hybrid       | Trait Pkg | Herb Tech | District Means |          |          |             |            | Single Location Yield |              |                          |              |              |
|-----------------------------------|--------------|-----------|-----------|----------------|----------|----------|-------------|------------|-----------------------|--------------|--------------------------|--------------|--------------|
|                                   |              |           |           | Yield Bu/A     | NW Yield | NE Yield | Moist %     | AGV \$     | Sheldon               | Pocahontas   | Corwith                  | Nashua       | Oelwein      |
| Four Star                         | EX8526       | VT2P      | RR2       | 211.8          | 211.1    | 211.9    | 18.9        | 640        | 205.4                 | 216.9        |                          | 209.5        | 214.4        |
| Four Star                         | EX8550       | VT2P      | RR2       | 211.6          | 210.8    | 210.6    | 19.8        | 627        | 204.2                 | 217.4        |                          | 212.1        | 209.1        |
| NuTech/G2 Genetics                | 5F-601       | AM-RIB    | LL,RR2    | 208.0          | 201.6    | 213.3    | 19.6        | 618        | 188.8                 | 214.5        |                          | 207.7        | 218.8        |
| Pioneer                           | P0306AM      | AM-RIB    | LL,RR2    | 207.5          | 211.1    | 204.1    | 19.5        | 618        | 204.3                 | 218.0        |                          | 199.7        | 208.6        |
| Cornelius                         | C385DP       | VT2P      | RR2       | 207.2          | 208.5    | 205.9    | 19.0        | 625        | 203.1                 | 213.9        |                          | 202.4        | 209.5        |
| Epley                             | E9840        | None      | None      | 205.3          | 206.8    | 204.2    | 18.1        | 631        | 193.9                 | 219.8        |                          | 205.8        | 202.6        |
| Titan Pro                         | TP 53-03 2P  | VT2P-RIB  | RR2       | 205.2          | 204.7    | 205.1    | 18.7        | 622        | 197.5                 | 211.9        |                          | 208.5        | 201.7        |
| NuTech/G2 Genetics                | 5F-702       | AM-RIB    | LL,RR2    | 204.6          | 201.6    | 205.9    | 19.3        | 613        | 196.4                 | 206.8        |                          | 202.2        | 209.5        |
| NuTech/G2 Genetics                | 5FB-3603     | AM-RIB    | LL,RR2    | 204.1          | 203.0    | 205.8    | 20.0        | 602        | 195.5                 | 210.5        |                          | 195.1        | 216.5        |
| LG Seeds                          | LG5494VT2RIB | VT2P-RIB  | RR2       | 202.2          | 210.1    | 195.2    | 17.6        | 628        | 197.2                 | 222.9        |                          | 191.5        | 198.8        |
| Four Star                         | EX8516       | VT2P-RIB  | RR2       | 202.2          | 200.4    | 205.6    | 19.0        | 610        | 195.9                 | 204.9        |                          | 198.5        | 212.7        |
| Epley                             | E9520        | None      | None      | 201.0          | 210.8    | 192.3    | 18.4        | 613        | 203.4                 | 218.2        |                          | 194.6        | 190.0        |
| Titan Pro                         | TP 70-98     | None      | None      | 200.4          | 206.3    | 191.4    | 18.1        | 616        | 198.0                 | 214.5        |                          | 191.4        | 191.3        |
| Cornelius                         | C3338DGDP    | DG        | RR2       | 199.4          | 202.6    | 195.7    | 19.0        | 601        | 196.7                 | 208.4        |                          | 191.4        | 200.0        |
| Viking                            | 44-98        | None      | None      | 199.3          | 205.9    | 193.7    | 18.2        | 611        | 190.6                 | 221.3        |                          | 197.5        | 190.0        |
| NuTech/G2 Genetics                | 5F-503       | AM-RIB    | LL,RR2    | 198.9          | 199.0    | 198.8    | 19.4        | 594        | 200.6                 | 197.3        |                          | 195.0        | 202.7        |
| Titan Pro                         | 86-96 2P     | VT2P-RIB  | RR2       | 198.7          | 203.9    | 194.2    | 18.0        | 611        | 198.8                 | 209.1        |                          | 195.5        | 192.9        |
| Titan Pro                         | TP 65-00 2P  | VT2P-RIB  | RR2       | 198.3          | 199.5    | 197.3    | 18.5        | 604        | 193.7                 | 205.2        |                          | 196.6        | 198.0        |
| NuTech                            | 5N-800       | GT3K      | GT, LL    | 198.3          | 203.6    | 193.7    | 18.8        | 600        | 195.5                 | 211.8        |                          | 193.2        | 194.2        |
| Cornelius                         | C336DP       | VT2P      | RR2       | 198.0          | 206.8    | 189.0    | 18.8        | 600        | 200.8                 | 212.9        |                          | 190.4        | 187.6        |
| Prairie Hybrids                   | 3415         | None      | None      | 197.7          | 204.2    | 191.0    | 19.8        | 585        | 193.5                 | 214.9        |                          | 181.1        | 201.0        |
| Blue River                        | 51T59        | None      | None      | 197.2          | 203.0    | 189.2    | 19.6        | 586        | 197.0                 | 208.9        | This test was discarded. | 181.5        | 196.9        |
| Titan Pro                         | TP 40-03     | None      | None      | 197.2          | 207.6    | 186.6    | 19.9        | 582        | 194.7                 | 220.6        |                          | 173.6        | 199.6        |
| DEKALB                            | DKC51-38RIB  | SSX-RIB   | LL,RR2    | 196.9          | 191.6    | 201.5    | 19.6        | 585        | 186.3                 | 196.8        |                          | 200.1        | 202.8        |
| LG Seeds                          | LG5505STXRIB | SSX-RIB   | LL,RR2    | 195.8          | 198.8    | 193.2    | 19.3        | 586        | 199.6                 | 198.0        |                          | 191.3        | 195.1        |
| Pioneer                           | P0157AM      | AM-RIB    | LL,RR2    | 195.5          | 195.9    | 194.4    | 19.4        | 584        | 193.2                 | 198.6        |                          | 192.9        | 195.9        |
| DEKALB                            | DKC53-56RIB  | SSX-RIB   | LL,RR2    | 194.9          | 203.1    | 187.2    | 19.9        | 576        | 197.9                 | 208.4        |                          | 190.2        | 184.2        |
| Blue River                        | 48G35        | None      | None      | 193.8          | 198.9    | 188.1    | 21.1        | 557        | 187.9                 | 209.9        |                          | 184.4        | 191.8        |
| Prairie Hybrids                   | 418          | None      | None      | 193.4          | 202.3    | 185.7    | 18.3        | 592        | 189.9                 | 214.8        |                          | 190.0        | 181.4        |
| Titan Pro                         | 85-96        | None      | None      | 192.2          | 197.9    | 185.8    | 18.1        | 590        | 193.8                 | 202.0        |                          | 184.0        | 187.6        |
| Renk                              | RK642SSTX    | SSX       | RR2       | 192.1          | 190.4    | 194.0    | 20.5        | 559        | 180.9                 | 199.9        |                          | 190.3        | 197.6        |
| Renk                              | RK604SSTX    | SSX       | RR2       | 191.6          | 195.5    | 188.1    | 19.2        | 575        | 185.3                 | 205.8        |                          | 186.1        | 190.1        |
| Titan Pro                         | TP 58-01 2P  | VT2P-RIB  | RR2       | 191.5          | 194.5    | 188.7    | 18.3        | 585        | 186.5                 | 202.4        |                          | 191.1        | 186.4        |
| Titan Pro                         | EXP 84-01 SS | SSX       | LL,RR2    | 191.4          | 194.1    | 188.0    | 20.7        | 555        | 184.5                 | 203.7        |                          | 175.3        | 200.7        |
| DEKALB                            | DKC52-68RIB  | VT2P-RIB  | RR2       | 190.6          | 190.9    | 188.9    | 20.8        | 552        | 186.1                 | 195.6        |                          | 188.3        | 189.4        |
| LG Seeds                          | LG53C50STX   | SSX       | LL,RR2    | 190.3          | 197.0    | 184.7    | 19.8        | 564        | 194.8                 | 199.2        |                          | 185.6        | 183.9        |
| Mycogen                           | MY00B25RA    | PC        | RR2       | 190.0          | 199.9    | 181.4    | 20.1        | 559        | 196.1                 | 203.6        |                          | 186.6        | 176.2        |
| Prairie Hybrids                   | 2749         | None      | None      | 189.6          | 198.9    | 180.1    | 20.2        | 557        | 176.7                 | 221.1        |                          | 178.7        | 181.4        |
| DEKALB                            | DKC50-08RIB  | SSX-RIB   | LL,RR2    | 188.8          | 190.7    | 186.0    | 19.3        | 566        | 191.6                 | 189.8        |                          | 186.2        | 185.9        |
| Viking                            | 57-01        | None      | None      | 188.6          | 198.4    | 180.3    | 18.7        | 572        | 186.1                 | 210.8        |                          | 179.9        | 180.8        |
| Viking                            | 55-02        | None      | None      | 187.9          | 190.5    | 185.7    | 20.5        | 548        | 188.4                 | 192.5        |                          | 188.0        | 183.4        |
| Blue River                        | 38G54        | None      | None      | 186.0          | 198.5    | 174.6    | 18.0        | 573        | 188.0                 | 209.1        |                          | 184.2        | 165.1        |
| Epley                             | E1020        | None      | None      | 184.9          | 187.7    | 180.0    | 17.6        | 573        | 173.9                 | 201.4        |                          | 185.6        | 174.4        |
| Prairie Hybrids                   | 2607         | None      | None      | 177.8          | 197.5    | 158.0    | 20.1        | 523        | 189.1                 | 205.9        |                          | 150.1        | 165.8        |
| <b>Experiment Mean</b>            |              |           |           | <b>196.8</b>   |          |          | <b>19.2</b> | <b>590</b> | <b>193.2</b>          | <b>208.4</b> |                          | <b>191.0</b> | <b>194.2</b> |
| <b>Minimum Mean</b>               |              |           |           | <b>177.8</b>   |          |          | <b>17.6</b> | <b>523</b> | <b>173.9</b>          | <b>189.8</b> |                          | <b>150.1</b> | <b>165.1</b> |
| <b>Maximum Mean</b>               |              |           |           | <b>211.8</b>   |          |          | <b>21.1</b> | <b>640</b> | <b>205.4</b>          | <b>222.9</b> |                          | <b>212.1</b> | <b>218.8</b> |
| <b>LSD(0.25)</b>                  |              |           |           | <b>6.5</b>     |          |          | <b>0.5</b>  |            | <b>9.3</b>            | <b>9.3</b>   |                          | <b>7.9</b>   | <b>8.0</b>   |
| <b>Coefficient of Variability</b> |              |           |           | <b>4.7</b>     |          |          |             |            | <b>5.9</b>            | <b>5.4</b>   |                          | <b>5.0</b>   | <b>5.0</b>   |



**Table 7. North district, 2018 district and single-location means. Full-season test, RM > 103.**

| Company                           | Hybrid        | Trait Pkg | Herb Tech | District Means |          |          |             |            | Single Location Yield |              |                          |              |              |
|-----------------------------------|---------------|-----------|-----------|----------------|----------|----------|-------------|------------|-----------------------|--------------|--------------------------|--------------|--------------|
|                                   |               |           |           | Yield Bu/A     | NW Yield | NE Yield | Moist %     | AGV \$     | Sheldon               | Pocahontas   | Corwith                  | Nashua       | Oelwein      |
| Four Star                         | 6D47          | VT2P-RIB  | RR2       | 215.2          | 216.0    | 213.7    | 21.1        | 618        | 220.0                 | 212.1        |                          | 205.5        | 221.9        |
| Titan Pro                         | TP 40-09      | None      | None      | 215.0          | 213.7    | 216.0    | 19.8        | 636        | 207.6                 | 219.8        |                          | 213.2        | 218.9        |
| Pioneer                           | P0825AM       | AM-RIB    | LL,RR2    | 214.2          | 215.3    | 213.8    | 20.8        | 619        | 215.8                 | 214.7        |                          | 208.6        | 219.1        |
| Renk                              | RK710DGV2P    | DGV2P     | RR2       | 212.5          | 215.3    | 210.0    | 19.1        | 639        | 213.4                 | 217.1        |                          | 199.2        | 220.7        |
| Viking                            | 42-05         | None      | None      | 210.2          | 214.7    | 204.3    | 20.3        | 615        | 216.5                 | 212.9        |                          | 198.3        | 210.3        |
| Viking                            | 13-07         | None      | None      | 209.1          | 213.0    | 206.8    | 18.6        | 636        | 210.1                 | 215.9        |                          | 203.5        | 210.2        |
| Cornelius                         | C478DP        | VT2P      | RR2       | 208.7          | 212.2    | 204.7    | 19.6        | 621        | 215.4                 | 209.0        |                          | 200.1        | 209.2        |
| LG Seeds                          | LG5525VT2RIB  | VT2P-RIB  | RR2       | 208.6          | 211.6    | 204.7    | 19.3        | 624        | 207.3                 | 215.9        |                          | 200.0        | 209.4        |
| NuTech/G2 Genetics                | 5FB-9909      | AM-RIB    | LL,RR2    | 207.9          | 212.7    | 202.4    | 21.3        | 595        | 215.5                 | 209.9        |                          | 188.8        | 216.1        |
| NuTech/G2 Genetics                | 5F-709        | AM-RIB    | LL,RR2    | 207.9          | 216.0    | 199.0    | 21.7        | 589        | 215.8                 | 216.1        |                          | 188.3        | 209.7        |
| NuTech/G2 Genetics                | 5F-504        | AM-RIB    | LL,RR2    | 206.2          | 204.4    | 208.0    | 19.3        | 618        | 202.3                 | 206.4        |                          | 200.0        | 216.1        |
| Titan Pro                         | TP 70-06      | None      | None      | 206.0          | 202.2    | 210.8    | 20.1        | 605        | 204.1                 | 200.3        |                          | 204.6        | 217.0        |
| NuTech/G2 Genetics                | E5FN-A604     | AM        | LL,RR2    | 205.9          | 209.5    | 203.1    | 20.0        | 606        | 208.2                 | 210.7        |                          | 186.8        | 219.4        |
| DEKALB                            | DKC57-97RIB   | SSX-RIB   | LL,RR2    | 204.1          | 202.8    | 206.1    | 19.7        | 605        | 210.3                 | 195.2        |                          | 202.1        | 210.2        |
| Epley                             | E1803VIP3110  | V3110     | LL,RR2    | 203.4          | 205.5    | 201.1    | 20.9        | 587        | 195.4                 | 215.6        |                          | 200.6        | 201.6        |
| LG Seeds                          | LG57C28VT2PRO | VT2P      | RR2       | 202.6          | 210.8    | 194.4    | 19.5        | 603        | 210.0                 | 211.6        |                          | 188.5        | 200.3        |
| NuTech/G2 Genetics                | E5FN-A808     | AM        | LL,RR2    | 202.6          | 199.4    | 206.1    | 21.3        | 580        | 201.6                 | 197.1        |                          | 190.3        | 221.9        |
| LG Seeds                          | LG59C66VT2PRO | VT2P      | RR2       | 201.0          | 207.6    | 193.6    | 20.3        | 588        | 207.1                 | 208.2        |                          | 183.6        | 203.7        |
| Cornelius                         | C461SS        | SSX       | RR2       | 200.7          | 203.5    | 197.4    | 19.1        | 604        | 203.0                 | 203.9        |                          | 182.4        | 212.4        |
| DEKALB                            | DKC58-34RIB   | SSX-RIB   | LL,RR2    | 200.4          | 205.6    | 194.7    | 22.5        | 556        | 212.1                 | 199.2        |                          | 185.8        | 203.6        |
| Titan Pro                         | TP 77-06 SS   | SSX-RIB   | LL,RR2    | 199.7          | 204.2    | 193.6    | 19.4        | 597        | 197.7                 | 210.8        |                          | 178.5        | 208.6        |
| Renk                              | RK737VT2P     | VT2P      | RR2       | 199.6          | 211.0    | 189.7    | 19.9        | 590        | 211.7                 | 210.4        | This test was discarded. | 184.7        | 194.6        |
| DEKALB                            | DKC55-53RIB   | SSX-RIB   | LL,RR2    | 198.1          | 200.2    | 197.5    | 19.8        | 586        | 208.5                 | 191.9        |                          | 189.6        | 205.4        |
| Four Star                         | EX8505        | VT2P      | RR2       | 197.6          | 188.3    | 204.1    | 19.8        | 586        | 181.4                 | 195.1        |                          | 201.3        | 206.9        |
| Epley                             | E1712SS       | SSX       | LL,RR2    | 197.5          | 202.0    | 192.8    | 19.1        | 593        | 203.5                 | 200.6        |                          | 177.1        | 208.4        |
| NuTech/G2 Genetics                | 5F-308        | AM-RIB    | LL,RR2    | 197.4          | 205.7    | 188.5    | 21.6        | 560        | 212.9                 | 198.5        |                          | 176.8        | 200.2        |
| Pioneer                           | P0574AM       | AM-RIB    | LL,RR2    | 195.6          | 199.3    | 192.3    | 20.3        | 572        | 209.0                 | 189.5        |                          | 178.9        | 205.7        |
| Titan Pro                         | 82-09 2P      | VT2P-RIB  | RR2       | 193.5          | 197.8    | 190.4    | 21.5        | 550        | 197.1                 | 198.6        |                          | 181.5        | 199.3        |
| Renk                              | RK717SSTX     | SSX-RIB   | RR2       | 193.4          | 193.5    | 194.2    | 18.9        | 583        | 194.7                 | 192.2        |                          | 184.9        | 203.5        |
| Mycogen                           | MY05U06       | PC        | RR2       | 193.3          | 207.7    | 178.2    | 20.1        | 569        | 219.4                 | 196.1        |                          | 165.8        | 190.6        |
| Viking                            | 48-08         | None      | None      | 191.8          | 207.4    | 176.0    | 23.0        | 526        | 218.3                 | 196.5        |                          | 153.7        | 198.4        |
| Mycogen                           | MY04G26       | PC        | RR2       | 190.3          | 201.3    | 180.0    | 19.7        | 565        | 213.1                 | 189.5        |                          | 163.7        | 196.2        |
| Mycogen                           | MY08T21       | None      | RR2       | 189.5          | 207.4    | 172.3    | 22.3        | 529        | 220.3                 | 194.5        |                          | 153.1        | 191.4        |
| Epley                             | E1312SS       | SSX       | LL,RR2    | 188.6          | 187.7    | 191.9    | 20.1        | 554        | 193.1                 | 182.3        |                          | 179.1        | 204.6        |
| Mycogen                           | MY04Y97RA     | SSX-RIB   | RR2       | 187.4          | 193.5    | 182.1    | 19.5        | 558        | 190.7                 | 196.3        |                          | 173.0        | 191.2        |
| Renk                              | RK763VT2P     | VT2P-RIB  | RR2       | 187.0          | 206.9    | 166.0    | 19.5        | 558        | 212.6                 | 201.2        |                          | 158.5        | 173.5        |
| Renk                              | RK779SSTX     | SSX       | RR2       | 186.7          | 192.3    | 180.5    | 22.9        | 513        | 204.9                 | 179.7        |                          | 171.8        | 189.2        |
| Prairie Hybrids                   | 6903          | None      | None      | 185.3          | 200.9    | 168.3    | 19.8        | 548        | 202.1                 | 199.8        |                          | 165.9        | 170.7        |
| Cornelius                         | C573DP        | VT2P      | RR2       | 184.3          | 207.2    | 160.8    | 19.3        | 552        | 217.0                 | 197.4        |                          | 154.9        | 166.8        |
| Prairie Hybrids                   | 4718          | None      | None      | 184.2          | 192.5    | 177.3    | 20.7        | 534        | 189.0                 | 195.9        |                          | 169.6        | 184.9        |
| Four Star                         | 6D41          | VT2P-RIB  | RR2       | 184.0          | 200.6    | 168.1    | 19.6        | 547        | 219.1                 | 182.1        |                          | 160.0        | 176.2        |
| LG Seeds                          | LG58C77VT2PRO | VT2P      | RR2       | 183.5          | 191.0    | 174.7    | 20.8        | 530        | 198.8                 | 183.1        |                          | 159.1        | 190.4        |
| Prairie Hybrids                   | 5787          | None      | None      | 182.1          | 201.9    | 163.2    | 23.1        | 498        | 216.7                 | 187.1        |                          | 151.1        | 175.2        |
| Mycogen                           | 2G685         | GT3K      | GT, LL    | 180.7          | 195.5    | 164.9    | 20.5        | 526        | 200.7                 | 190.3        |                          | 151.5        | 178.2        |
| Prairie Hybrids                   | 7355          | None      | None      | 178.3          | 188.3    | 168.4    | 23.4        | 483        | 191.2                 | 185.3        |                          | 147.7        | 189.1        |
| <b>Experiment Mean</b>            |               |           |           | <b>197.6</b>   |          |          | <b>20.4</b> | <b>577</b> | <b>207.0</b>          | <b>200.8</b> |                          | <b>181.4</b> | <b>201.1</b> |
| <b>Minimum Mean</b>               |               |           |           | <b>178.3</b>   |          |          | <b>18.6</b> | <b>483</b> | <b>181.4</b>          | <b>179.7</b> |                          | <b>147.7</b> | <b>166.8</b> |
| <b>Maximum Mean</b>               |               |           |           | <b>215.2</b>   |          |          | <b>23.4</b> | <b>639</b> | <b>220.3</b>          | <b>219.8</b> |                          | <b>213.2</b> | <b>221.9</b> |
| <b>LSD(0.25)</b>                  |               |           |           | <b>8.7</b>     |          |          | <b>0.8</b>  |            | <b>8.8</b>            | <b>11.4</b>  |                          | <b>6.6</b>   | <b>7.7</b>   |
| <b>Coefficient of Variability</b> |               |           |           | <b>4.8</b>     |          |          |             |            | <b>5.2</b>            | <b>6.9</b>   |                          | <b>4.4</b>   | <b>4.7</b>   |

**Table 8. Central district, 2018 district and single-location means. Early-season test, RM ≤ 109.**

| Company                           | Hybrid        | Trait Pkg | Herb Tech | District Means |          |          |             |            | Single Location Yield    |              |              |              |              |
|-----------------------------------|---------------|-----------|-----------|----------------|----------|----------|-------------|------------|--------------------------|--------------|--------------|--------------|--------------|
|                                   |               |           |           | Yield Bu/A     | CW Yield | CE Yield | Moist %     | AGV \$     | Missouri Valley          | Glidden      | Ames         | Keystone     | Clarence     |
| NuTech/G2 Genetics                | 5FB-9909      | AM-RIB    | LL,RR2    | 250.2          | 231.1    | 253.9    | 20.2        | 735        |                          | 239.9        | 222.4        | 254.0        | 285.4        |
| Pioneer                           | P0825AM       | AM-RIB    | LL,RR2    | 248.0          | 233.9    | 249.5    | 20.5        | 723        |                          | 244.2        | 223.5        | 257.8        | 267.1        |
| Renk                              | RK710DGV2P    | DGV2P     | RR2       | 244.0          | 226.4    | 248.0    | 19.6        | 726        |                          | 233.1        | 219.8        | 257.9        | 266.5        |
| LG Seeds                          | LG5525VT2RIB  | VT2P-RIB  | RR2       | 244.0          | 231.5    | 247.3    | 20.0        | 720        |                          | 235.7        | 227.4        | 255.7        | 258.8        |
| NuTech/G2 Genetics                | E5FN-A808     | AM        | LL,RR2    | 243.6          | 224.2    | 247.2    | 20.2        | 714        |                          | 233.0        | 215.4        | 257.6        | 268.6        |
| Four Star                         | 6D47          | VT2P-RIB  | RR2       | 242.2          | 233.7    | 244.0    | 20.5        | 705        |                          | 239.0        | 228.3        | 245.0        | 258.8        |
| LG Seeds                          | LG59C66VT2PRO | VT2P      | RR2       | 240.4          | 223.6    | 243.0    | 20.4        | 703        |                          | 232.1        | 215.1        | 252.4        | 261.5        |
| NuTech/G2 Genetics                | 5F-308        | AM-RIB    | LL,RR2    | 240.3          | 220.6    | 245.8    | 20.8        | 695        |                          | 222.1        | 219.1        | 246.1        | 272.1        |
| Epley                             | E1712SS       | SSX       | LL,RR2    | 239.9          | 227.0    | 245.2    | 19.7        | 712        |                          | 224.9        | 229.1        | 246.2        | 260.1        |
| Four Star                         | 6D41          | VT2P-RIB  | RR2       | 239.8          | 220.2    | 246.1    | 20.0        | 707        |                          | 219.6        | 220.8        | 260.7        | 256.8        |
| Cornelius                         | C461SS        | SSX       | RR2       | 239.7          | 226.5    | 243.6    | 19.6        | 713        |                          | 229.1        | 224.0        | 244.3        | 262.5        |
| DEKALB                            | DKC58-34RIB   | SSX-RIB   | LL,RR2    | 239.6          | 227.2    | 242.1    | 21.0        | 691        |                          | 231.9        | 222.5        | 253.5        | 250.4        |
| DuraCrop                          | XG-1098 GT2   | V3010     | GT, LL    | 239.5          | 217.7    | 247.5    | 20.7        | 695        |                          | 215.4        | 220.0        | 254.4        | 268.1        |
| Mycogen                           | MY04G26       | PC        | RR2       | 238.7          | 219.3    | 244.3    | 20.1        | 702        |                          | 221.8        | 216.8        | 255.9        | 260.1        |
| Cornelius                         | C577SS        | SSX       | LL,RR2    | 238.7          | 231.6    | 238.4    | 20.8        | 691        |                          | 240.0        | 223.1        | 236.8        | 255.3        |
| Four Star                         | EX8505        | VT2P      | RR2       | 238.3          | 223.8    | 238.9    | 19.9        | 705        |                          | 237.3        | 210.3        | 246.4        | 260.0        |
| NuTech/G2 Genetics                | 5F-709        | AM-RIB    | LL,RR2    | 237.5          | 221.2    | 241.6    | 20.8        | 688        |                          | 224.8        | 217.6        | 248.8        | 258.2        |
| NuTech/G2 Genetics                | 5F-504        | AM-RIB    | LL,RR2    | 237.3          | 221.8    | 240.2    | 20.0        | 699        |                          | 229.6        | 214.0        | 250.9        | 255.7        |
| Titan Pro                         | 82-04 2P      | VT2P-RIB  | RR2       | 237.2          | 227.0    | 239.5    | 19.4        | 709        |                          | 228.7        | 225.3        | 242.7        | 250.6        |
| DuraCrop                          | 3087 VT2P     | VT2P      | RR2       | 237.0          | 218.1    | 247.5    | 20.5        | 690        |                          | 203.9        | 232.4        | 239.1        | 271.1        |
| LG Seeds                          | LG58C77VT2PRO | VT2P      | RR2       | 236.5          | 213.1    | 245.2    | 20.6        | 688        |                          | 212.8        | 213.5        | 266.8        | 255.2        |
| DEKALB                            | DKC54-74RIB   | VT2P-RIB  | RR2       | 236.2          | 221.4    | 242.1    | 19.8        | 699        |                          | 217.3        | 225.6        | 253.3        | 247.5        |
| Miller Hybrids                    | M10-01BGV     | V3110     | GT, LL    | 236.2          | 216.0    | 241.8    | 21.3        | 675        |                          | 220.1        | 212.0        | 248.3        | 265.0        |
| Mycogen                           | MY05U06       | PC        | RR2       | 235.6          | 220.7    | 244.9    | 20.3        | 689        |                          | 209.6        | 231.7        | 245.1        | 257.9        |
| Viking                            | 48-08         | None      | None      | 235.4          | 221.0    | 236.7    | 22.2        | 659        | This test was discarded. | 228.9        | 213.0        | 250.4        | 246.9        |
| MorCorn                           | MC 3617       | VT2P-RIB  | RR2       | 235.3          | 218.6    | 242.4    | 19.8        | 696        |                          | 213.7        | 223.5        | 248.1        | 255.7        |
| Prairie Hybrids                   | 5447          | None      | None      | 235.2          | 220.1    | 235.7    | 20.7        | 682        |                          | 233.6        | 206.5        | 238.7        | 262.0        |
| Cornelius                         | C573DP        | VT2P      | RR2       | 235.1          | 216.4    | 243.7    | 19.9        | 695        |                          | 209.8        | 223.0        | 249.1        | 259.0        |
| Viking                            | 42-05         | None      | None      | 235.1          | 220.2    | 235.1    | 20.3        | 689        |                          | 232.9        | 207.6        | 251.2        | 246.5        |
| Titan Pro                         | TP 77-06 SS   | SSX-RIB   | LL,RR2    | 234.8          | 221.4    | 235.3    | 19.6        | 699        |                          | 232.0        | 210.9        | 243.5        | 251.6        |
| Titan Pro                         | TP 40-09      | None      | None      | 233.6          | 219.1    | 233.9    | 19.9        | 690        |                          | 232.2        | 206.0        | 243.4        | 252.4        |
| Mycogen                           | MY08T21       | None      | RR2       | 233.3          | 219.5    | 234.1    | 20.7        | 677        |                          | 229.9        | 209.0        | 237.8        | 255.4        |
| DEKALB                            | DKC55-53RIB   | SSX-RIB   | LL,RR2    | 233.1          | 214.2    | 237.1    | 19.5        | 695        |                          | 221.3        | 207.0        | 244.6        | 259.6        |
| Epley                             | E1803VIP3110  | V3110     | LL,RR2    | 232.7          | 220.4    | 234.3    | 20.3        | 682        |                          | 227.3        | 213.6        | 230.8        | 258.6        |
| Mycogen                           | 2G685         | GT3K      | GT, LL    | 232.6          | 213.7    | 241.4    | 21.3        | 665        |                          | 208.5        | 218.9        | 243.8        | 261.4        |
| Prairie Hybrids                   | 5787          | None      | None      | 232.5          | 210.9    | 237.0    | 22.3        | 648        |                          | 218.7        | 203.2        | 254.8        | 253.0        |
| Titan Pro                         | TP 70-06      | None      | None      | 232.1          | 214.8    | 233.4    | 19.9        | 685        |                          | 228.4        | 201.1        | 245.4        | 253.9        |
| Renk                              | RK763VT2P     | VT2P-RIB  | RR2       | 231.9          | 213.6    | 241.8    | 19.8        | 687        |                          | 202.9        | 224.4        | 241.1        | 259.9        |
| Renk                              | RK737VT2P     | VT2P      | RR2       | 231.6          | 222.7    | 231.4    | 20.0        | 683        |                          | 232.9        | 212.5        | 239.6        | 242.0        |
| Renk                              | RK717SSTX     | SSX-RIB   | RR2       | 231.1          | 214.1    | 235.6    | 19.5        | 688        |                          | 218.0        | 210.2        | 249.5        | 247.0        |
| LG Seeds                          | LG57C28VT2PRO | VT2P      | RR2       | 231.1          | 211.6    | 235.2    | 20.0        | 682        |                          | 220.5        | 202.7        | 239.7        | 263.3        |
| Roeschley                         | RX08-97VT2P   | VT2P      | RR2       | 230.2          | 211.1    | 239.3    | 20.0        | 678        |                          | 204.3        | 217.9        | 245.4        | 254.7        |
| Pioneer                           | P0574AM       | AM-RIB    | LL,RR2    | 229.5          | 216.2    | 232.0    | 20.0        | 676        |                          | 221.6        | 210.8        | 238.4        | 246.9        |
| Titan Pro                         | 82-09 2P      | VT2P-RIB  | RR2       | 229.1          | 213.1    | 232.6    | 20.9        | 661        |                          | 220.1        | 206.0        | 244.9        | 247.0        |
| Renk                              | RK779SSTX     | SSX       | RR2       | 228.9          | 212.5    | 232.3    | 21.8        | 647        |                          | 217.9        | 207.2        | 246.4        | 243.2        |
| Miller Hybrids                    | M09-01        | None      | None      | 227.8          | 197.3    | 239.2    | 20.9        | 657        |                          | 193.8        | 200.8        | 251.5        | 265.4        |
| Prairie Hybrids                   | 6903          | None      | None      | 227.7          | 203.9    | 235.9    | 20.5        | 663        |                          | 203.6        | 204.3        | 243.6        | 259.7        |
| DEKALB                            | DKC59-50RIB   | VT2P-RIB  | RR2       | 227.7          | 210.4    | 233.9    | 20.9        | 658        |                          | 207.8        | 213.0        | 242.2        | 246.5        |
| Miller Hybrids                    | M08-06BGV     | V3110     | GT, LL    | 227.4          | 203.6    | 238.4    | 21.6        | 646        |                          | 192.0        | 215.1        | 239.0        | 261.1        |
| Prairie Hybrids                   | 4718          | None      | None      | 220.3          | 206.3    | 220.9    | 20.7        | 639        |                          | 220.0        | 192.7        | 232.1        | 237.9        |
| Mycogen                           | MY04Y97RA     | SSX-RIB   | RR2       | 216.4          | 200.4    | 222.8    | 19.4        | 647        |                          | 198.4        | 202.3        | 231.6        | 234.5        |
| Epley                             | E1312SS       | SSX       | LL,RR2    | 213.5          | 203.7    | 215.2    | 19.9        | 631        |                          | 206.7        | 200.7        | 212.2        | 232.8        |
| <b>Experiment Mean</b>            |               |           |           | <b>234.7</b>   |          |          | <b>20.4</b> | <b>686</b> |                          | <b>221.6</b> | <b>214.9</b> | <b>246.1</b> | <b>256.4</b> |
| <b>Minimum Mean</b>               |               |           |           | <b>213.5</b>   |          |          | <b>19.4</b> | <b>631</b> |                          | <b>192.0</b> | <b>192.7</b> | <b>212.2</b> | <b>232.8</b> |
| <b>Maximum Mean</b>               |               |           |           | <b>250.2</b>   |          |          | <b>22.3</b> | <b>735</b> |                          | <b>244.2</b> | <b>232.4</b> | <b>266.8</b> | <b>285.4</b> |
| <b>LSD(0.25)</b>                  |               |           |           | <b>7.1</b>     |          |          | <b>0.3</b>  |            |                          | <b>8.8</b>   | <b>8.3</b>   | <b>8.3</b>   | <b>7.8</b>   |
| <b>Coefficient of Variability</b> |               |           |           | <b>4.0</b>     |          |          |             |            |                          | <b>4.8</b>   | <b>4.7</b>   | <b>4.1</b>   | <b>3.7</b>   |



**Table 9. Central district, 2018 district and single-location means. Full-season test, RM > 109.**

| Company                           | Hybrid        | Trait Pkg  | Herb Tech | District Means |          |          |             |            | Single Location Yield    |              |              |              |              |
|-----------------------------------|---------------|------------|-----------|----------------|----------|----------|-------------|------------|--------------------------|--------------|--------------|--------------|--------------|
|                                   |               |            |           | Yield Bu/A     | CW Yield | CE Yield | Moist %     | AGV \$     | Missouri Valley          | Glidden      | Ames         | Keystone     | Clarence     |
| DuraCrop                          | XT-1138 VT2P  | VT2P       | RR2       | 247.4          | 224.7    | 254.2    | 21.6        | 702        |                          | 227.9        | 221.5        | 265.6        | 275.5        |
| DuraCrop                          | 3126 GT3      | GT3K       | GT, LL    | 242.0          | 212.6    | 253.1    | 22.1        | 679        |                          | 208.6        | 216.7        | 263.3        | 279.4        |
| NuTech/G2 Genetics                | E5FN-A213     | AM         | LL,RR2    | 241.4          | 221.9    | 241.9    | 22.2        | 676        |                          | 241.0        | 202.9        | 243.4        | 279.4        |
| Viking                            | 53-12         | None       | None      | 240.9          | 214.4    | 247.8    | 21.3        | 689        |                          | 220.9        | 207.9        | 263.3        | 272.2        |
| Pioneer                           | P1197AM       | AM-RIB     | LL,RR2    | 240.8          | 220.6    | 243.5    | 21.8        | 681        |                          | 233.2        | 208.0        | 249.7        | 272.9        |
| LG Seeds                          | LG62C02VT2PRO | VT2P       | RR2       | 240.6          | 215.7    | 246.1    | 21.3        | 688        |                          | 224.3        | 207.2        | 248.3        | 282.8        |
| DuraCrop                          | 3124 DG2P     | DG         | RR2       | 238.5          | 217.1    | 243.3    | 22.0        | 669        |                          | 224.9        | 209.2        | 250.5        | 270.1        |
| Titan Pro                         | TP 71-12 DG2P | DGVT2P-RIB | RR2       | 238.3          | 216.6    | 242.8    | 21.8        | 672        |                          | 226.6        | 206.6        | 245.3        | 276.6        |
| DEKALB                            | DKC64-34RIB   | SSX-RIB    | LL,RR2    | 237.4          | 220.6    | 239.5    | 23.3        | 644        |                          | 230.3        | 210.9        | 247.0        | 260.7        |
| DEKALB                            | DKC62-52RIB   | SSX-RIB    | LL,RR2    | 237.0          | 217.1    | 238.3    | 21.6        | 673        |                          | 232.5        | 201.6        | 250.3        | 263.0        |
| Epley                             | E2220         | None       | None      | 236.1          | 216.6    | 241.3    | 22.9        | 648        |                          | 221.3        | 211.9        | 249.5        | 262.4        |
| NuTech/G2 Genetics                | 5FB-1010      | AM-RIB     | LL,RR2    | 235.2          | 207.8    | 242.7    | 21.9        | 663        |                          | 211.5        | 204.1        | 266.5        | 257.5        |
| Prairie Hybrids                   | 6878          | None       | None      | 234.3          | 209.4    | 236.9    | 22.1        | 656        |                          | 226.4        | 192.4        | 259.6        | 258.9        |
| Roeschley                         | RX10-36VT2P   | VT2P       | RR2       | 234.1          | 219.8    | 236.9    | 21.1        | 673        |                          | 227.4        | 212.1        | 244.6        | 254.0        |
| DEKALB                            | DKC63-21RIB   | SSX-RIB    | LL,RR2    | 233.4          | 213.2    | 232.1    | 21.8        | 659        |                          | 236.9        | 189.4        | 240.3        | 266.7        |
| Renk                              | RK859DGV2P    | DGVT2P-RIB | RR2       | 233.3          | 207.9    | 240.3    | 21.7        | 660        |                          | 211.6        | 204.3        | 247.7        | 268.9        |
| NuTech/G2 Genetics                | 5FB-6313      | AM-RIB     | LL,RR2    | 233.3          | 210.6    | 236.1    | 21.9        | 657        |                          | 224.9        | 196.2        | 258.5        | 253.4        |
| DEKALB                            | DKC61-98RIB   | VT2P-RIB   | RR2       | 233.2          | 213.5    | 237.7    | 20.9        | 672        |                          | 220.9        | 206.0        | 246.4        | 260.6        |
| Mycogen                           | MY14H95RA     | PC         | RR2       | 233.2          | 201.1    | 243.4    | 23.4        | 632        |                          | 200.4        | 201.8        | 258.4        | 269.8        |
| Cornelius                         | C633DP        | VT2P       | RR2       | 233.1          | 223.1    | 237.0    | 20.9        | 672        |                          | 220.8        | 225.3        | 236.4        | 249.5        |
| Four Star                         | 6D55          | VT2P-RIB   | RR2       | 233.0          | 212.6    | 238.7    | 20.9        | 673        |                          | 214.8        | 210.5        | 246.8        | 258.9        |
| Pioneer                           | P1138AM       | AM-RIB     | LL,RR2    | 233.0          | 207.9    | 238.0    | 21.0        | 672        |                          | 217.0        | 198.9        | 247.0        | 268.0        |
| Cornelius                         | C765SS        | SSX        | RR2       | 232.5          | 217.1    | 233.5    | 22.9        | 638        |                          | 229.3        | 205.0        | 244.5        | 251.0        |
| Titan Pro                         | TP 74-12 SS   | SSX-RIB    | LL,RR2    | 232.3          | 213.8    | 235.4    | 22.3        | 647        |                          | 223.5        | 204.0        | 252.6        | 249.5        |
| Miller Hybrids                    | M14-28BRG     | GT3K       | GT, LL    | 230.9          | 206.2    | 241.3    | 23.9        | 618        | This test was discarded. | 200.1        | 212.4        | 252.6        | 258.9        |
| Prairie Hybrids                   | 8759          | None       | None      | 230.7          | 203.1    | 240.4    | 22.4        | 641        |                          | 200.9        | 205.4        | 256.4        | 259.5        |
| LG Seeds                          | LG5606STXRIB  | SSX-RIB    | LL,RR2    | 230.4          | 212.1    | 230.6    | 22.4        | 640        |                          | 229.3        | 195.0        | 244.0        | 252.9        |
| Roeschley                         | RX14-14SS     | SSX        | GT, LL    | 229.8          | 213.2    | 235.7    | 22.4        | 640        |                          | 210.9        | 215.6        | 235.7        | 255.9        |
| LG Seeds                          | LG59C41STX    | SSX        | LL,RR2    | 229.4          | 205.1    | 236.5    | 21.4        | 655        |                          | 208.2        | 202.0        | 250.8        | 256.6        |
| NuTech                            | 5NN-8812      | GT3K       | GT, LL    | 228.2          | 196.7    | 238.4    | 22.4        | 634        |                          | 198.3        | 195.1        | 245.1        | 275.1        |
| Cornelius                         | C667DP        | VT2P       | RR2       | 227.9          | 202.4    | 233.5    | 22.2        | 637        |                          | 210.8        | 193.9        | 253.1        | 253.5        |
| Titan Pro                         | TP 66-10 2P   | VT2P-RIB   | RR2       | 227.6          | 206.1    | 234.0    | 21.1        | 653        |                          | 208.8        | 203.4        | 244.7        | 253.9        |
| Mycogen                           | MY12G35RA     | PC-RIB     | RR2       | 227.6          | 206.2    | 234.2    | 21.8        | 642        |                          | 208.8        | 203.5        | 245.3        | 253.8        |
| Epley                             | E2001GTCBLL   | CB         | LL,RR2    | 227.1          | 201.7    | 233.1    | 21.7        | 644        |                          | 210.3        | 193.2        | 249.5        | 256.7        |
| Renk                              | RK937SSTX     | SSX-RIB    | RR2       | 226.9          | 206.6    | 226.8    | 21.5        | 645        |                          | 227.5        | 185.7        | 238.0        | 256.6        |
| Prairie Hybrids                   | 7355          | None       | None      | 225.6          | 185.3    | 240.8    | 22.1        | 633        |                          | 182.9        | 187.7        | 256.1        | 278.7        |
| Epley                             | E2310         | None       | None      | 225.0          | 200.5    | 228.7    | 21.5        | 641        |                          | 214.5        | 186.6        | 243.1        | 256.5        |
| Four Star                         | 6D63          | VT2P-RIB   | RR2       | 224.5          | 210.3    | 227.3    | 22.3        | 626        |                          | 213.6        | 206.9        | 240.8        | 234.3        |
| Four Star                         | 6D75          | VT2P-RIB   | RR2       | 223.0          | 204.1    | 224.7    | 23.4        | 604        |                          | 217.7        | 190.5        | 238.5        | 245.1        |
| Roeschley                         | RX12-70VT2P   | VT2P       | RR2       | 222.5          | 205.4    | 225.0    | 22.2        | 622        |                          | 215.5        | 195.3        | 240.2        | 239.4        |
| Prairie Hybrids                   | 8904          | None       | None      | 222.2          | 194.7    | 232.8    | 22.4        | 619        |                          | 191.3        | 198.1        | 245.4        | 254.8        |
| LG Seeds                          | LG5643STXRIB  | SSX-RIB    | LL,RR2    | 222.0          | 197.8    | 226.0    | 22.6        | 614        |                          | 209.6        | 186.0        | 238.9        | 253.1        |
| Renk                              | RK842SSTX     | SSX        | RR2       | 221.0          | 192.8    | 223.2    | 22.7        | 609        |                          | 215.3        | 170.3        | 244.2        | 255.3        |
| Four Star                         | EX8502        | VT2P       | RR2       | 221.0          | 196.5    | 223.3    | 24.8        | 575        |                          | 214.1        | 178.9        | 233.7        | 257.2        |
| Mycogen                           | MY10Y47RA     | SSX-RIB    | RR2       | 220.8          | 198.5    | 224.6    | 21.6        | 626        |                          | 209.0        | 187.9        | 232.0        | 253.7        |
| Epley                             | E2210         | None       | None      | 219.4          | 196.5    | 227.1    | 22.3        | 612        |                          | 198.2        | 194.8        | 239.2        | 247.5        |
| Renk                              | RK877DGV2P    | DGVT2P-RIB | RR2       | 216.3          | 204.5    | 214.6    | 21.4        | 617        |                          | 220.9        | 188.2        | 220.7        | 234.9        |
| Mycogen                           | MY12H25RA     | PC-RIB     | RR2       | 215.6          | 184.1    | 226.4    | 23.7        | 580        |                          | 183.0        | 185.1        | 238.4        | 255.7        |
| Miller Hybrids                    | M11-52        | None       | None      | 215.5          | 188.1    | 222.5    | 23.8        | 578        |                          | 194.5        | 181.7        | 247.2        | 238.7        |
| DuraCrop                          | 3110 GT3      | GT3K       | GT, LL    | 214.9          | 182.3    | 229.6    | 23.1        | 587        |                          | 170.9        | 193.8        | 242.1        | 252.9        |
| Prairie Hybrids                   | 6407          | None       | None      | 207.2          | 183.8    | 214.2    | 21.4        | 591        |                          | 186.3        | 181.3        | 219.9        | 241.5        |
| Mycogen                           | MY13C17RA     | SSX-RIB    | RR2       | 204.3          | 181.6    | 212.6    | 22.8        | 563        |                          | 180.1        | 183.1        | 222.6        | 232.2        |
| <b>Experiment Mean</b>            |               |            |           | <b>229.1</b>   |          |          | <b>22.2</b> | <b>641</b> |                          | <b>213.2</b> | <b>199.1</b> | <b>245.8</b> | <b>258.2</b> |
| <b>Minimum Mean</b>               |               |            |           | <b>204.3</b>   |          |          | <b>20.9</b> | <b>563</b> |                          | <b>170.9</b> | <b>170.3</b> | <b>219.9</b> | <b>232.2</b> |
| <b>Maximum Mean</b>               |               |            |           | <b>247.4</b>   |          |          | <b>24.8</b> | <b>702</b> |                          | <b>241.0</b> | <b>225.3</b> | <b>266.5</b> | <b>282.8</b> |
| <b>LSD(0.25)</b>                  |               |            |           | <b>8.3</b>     |          |          | <b>0.4</b>  |            |                          | <b>9.8</b>   | <b>10.6</b>  | <b>8.5</b>   | <b>8.9</b>   |
| <b>Coefficient of Variability</b> |               |            |           | <b>4.7</b>     |          |          |             |            |                          | <b>5.6</b>   | <b>6.5</b>   | <b>4.2</b>   | <b>4.2</b>   |

**Table 10. South district, 2018 district and single-location means. Early-season test, RM ≤ 112.**

| Company                           | Hybrid        | Trait Pkg  | Herb Tech | District Means |          |          |             |            | Single Location Yield    |              |              |              |                |
|-----------------------------------|---------------|------------|-----------|----------------|----------|----------|-------------|------------|--------------------------|--------------|--------------|--------------|----------------|
|                                   |               |            |           | Yield Bu/A     | SW Yield | SE Yield | Moist %     | AGV \$     | Lewis                    | Corning      | Milo         | Batavia      | Crawfordsville |
| Epley                             | E2220         | None       | None      | 224.1          | 212.5    | 228.0    | 19.7        | 666        |                          | 214.5        | 210.5        | 252.5        | 221.0          |
| DEKALB                            | DKC61-98RIB   | VT2P-RIB   | RR2       | 221.5          | 199.7    | 227.1    | 18.3        | 678        |                          | 202.6        | 196.8        | 259.9        | 224.4          |
| Hoegemeyer                        | HPT 7886 AM   | AM         | LL,RR2    | 220.6          | 213.2    | 216.2    | 18.3        | 674        |                          | 232.2        | 194.2        | 243.1        | 211.2          |
| LG Seeds                          | LG5606STXRIB  | SSX-RIB    | LL,RR2    | 220.0          | 206.5    | 217.5    | 18.4        | 671        |                          | 224.9        | 188.1        | 228.2        | 236.0          |
| Cornelius                         | C633DP        | VT2P       | RR2       | 219.2          | 215.7    | 217.5    | 18.5        | 668        |                          | 224.0        | 207.5        | 228.5        | 216.5          |
| LG Seeds                          | LG62C02VT2PRO | VT2P       | RR2       | 218.3          | 208.1    | 217.7    | 18.7        | 663        |                          | 226.0        | 190.2        | 250.4        | 212.5          |
| LG Seeds                          | LG59C66VT2PRO | VT2P       | RR2       | 216.2          | 200.0    | 217.5    | 18.6        | 658        |                          | 210.0        | 189.9        | 238.9        | 223.8          |
| Hoegemeyer                        | HPT 8217 AM   | AM-RIB     | LL,RR2    | 214.0          | 195.5    | 213.7    | 18.6        | 650        |                          | 211.8        | 179.2        | 232.8        | 229.1          |
| Epley                             | E2001GTCBLL   | CB         | LL,RR2    | 213.8          | 198.6    | 212.7    | 18.4        | 652        |                          | 220.5        | 176.7        | 231.6        | 229.7          |
| Cornelius                         | C577SS        | SSX        | LL,RR2    | 213.2          | 201.2    | 210.4    | 18.4        | 650        |                          | 220.1        | 182.3        | 230.5        | 218.4          |
| Mycogen                           | MY12G35RA     | PC-RIB     | RR2       | 213.2          | 190.4    | 216.4    | 19.0        | 642        |                          | 203.0        | 177.8        | 234.1        | 237.4          |
| Four Star                         | 6D55          | VT2P-RIB   | RR2       | 212.7          | 198.8    | 212.0    | 18.2        | 652        |                          | 215.2        | 182.5        | 230.5        | 223.2          |
| DEKALB                            | DKC60-87RIB   | SSX-RIB    | LL,RR2    | 212.7          | 201.1    | 213.9    | 18.6        | 647        |                          | 208.9        | 193.3        | 218.6        | 229.8          |
| Pioneer                           | P1197AM       | AM-RIB     | LL,RR2    | 212.4          | 207.4    | 210.4    | 18.7        | 645        |                          | 215.5        | 199.3        | 219.1        | 212.9          |
| Miller Hybrids                    | MEX11-71      | None       | None      | 212.1          | 199.0    | 217.4    | 18.8        | 643        |                          | 200.7        | 197.2        | 230.1        | 224.8          |
| NuTech/G2 Genetics                | 5FB-1010      | AM-RIB     | LL,RR2    | 211.5          | 203.8    | 211.6    | 18.5        | 644        |                          | 208.4        | 199.2        | 222.6        | 213.1          |
| Roeschley                         | RX10-36SS     | SSX        | LL,RR2    | 210.4          | 189.7    | 210.4    | 18.7        | 638        |                          | 203.6        | 175.8        | 236.4        | 218.8          |
| Pioneer                           | P1138AM       | AM-RIB     | LL,RR2    | 210.4          | 195.9    | 209.2    | 18.9        | 635        |                          | 214.5        | 177.3        | 234.1        | 216.0          |
| Hoegemeyer                        | HPT 7946 AM   | AM-RIB     | LL,RR2    | 210.2          | 197.4    | 212.8    | 18.7        | 638        |                          | 206.1        | 188.8        | 226.1        | 223.6          |
| Four Star                         | 6D63          | VT2P-RIB   | RR2       | 210.0          | 182.2    | 211.3    | 19.1        | 632        |                          | 204.0        | 160.4        | 241.0        | 232.3          |
| Roeschley                         | RX12-70SS     | SSX        | LL,RR2    | 209.8          | 196.3    | 207.2    | 19.0        | 632        | This test was discarded. | 217.2        | 175.4        | 225.9        | 220.2          |
| LG Seeds                          | LG59C41STX    | SSX        | LL,RR2    | 209.3          | 180.8    | 212.3    | 18.4        | 639        |                          | 201.1        | 160.5        | 246.4        | 230.1          |
| DEKALB                            | DKC62-52RIB   | SSX-RIB    | LL,RR2    | 208.0          | 190.7    | 206.0    | 18.7        | 631        |                          | 217.2        | 164.2        | 228.6        | 225.3          |
| Titan Pro                         | TP 66-10 2P   | VT2P-RIB   | RR2       | 206.8          | 188.4    | 210.0    | 18.3        | 633        |                          | 199.0        | 177.9        | 219.7        | 232.3          |
| Cornelius                         | C667DP        | VT2P       | RR2       | 206.7          | 184.4    | 206.7    | 18.7        | 626        |                          | 210.6        | 158.3        | 227.6        | 234.1          |
| Renk                              | RK842SSTX     | SSX        | RR2       | 205.9          | 187.3    | 200.8    | 18.9        | 622        |                          | 217.4        | 157.2        | 225.9        | 219.3          |
| NuTech                            | 5NN-8812      | GT3K       | GT, LL    | 205.7          | 188.2    | 210.8    | 19.2        | 618        |                          | 194.3        | 182.2        | 236.9        | 213.3          |
| Prairie Hybrids                   | 6878          | None       | None      | 205.6          | 195.8    | 202.9    | 18.7        | 623        |                          | 210.7        | 180.9        | 231.6        | 196.3          |
| MorCorn                           | MC 4255       | VT2P-RIB   | RR2       | 204.9          | 182.2    | 209.0    | 18.6        | 624        |                          | 194.3        | 170.0        | 231.3        | 225.6          |
| Epley                             | E2210         | None       | None      | 204.6          | 180.3    | 210.4    | 18.5        | 623        |                          | 189.7        | 170.8        | 236.0        | 224.4          |
| Titan Pro                         | TP 74-12 SS   | SSX-RIB    | LL,RR2    | 204.3          | 191.9    | 198.5    | 18.6        | 621        |                          | 218.8        | 165.0        | 213.8        | 216.5          |
| DuraCrop                          | 3087 VT2P     | VT2P       | RR2       | 203.7          | 194.7    | 204.4    | 18.4        | 623        |                          | 203.5        | 185.9        | 219.1        | 208.1          |
| Titan Pro                         | TP 71-12 DG2P | DGVT2P-RIB | RR2       | 203.7          | 185.1    | 201.8    | 18.7        | 618        |                          | 210.4        | 159.9        | 225.6        | 219.9          |
| NuTech/G2 Genetics                | 5FB-9909      | AM-RIB     | LL,RR2    | 202.8          | 178.4    | 211.4    | 18.1        | 623        |                          | 178.9        | 177.9        | 230.4        | 225.8          |
| DuraCrop                          | 3127 VT2P     | VT2P       | RR2       | 202.8          | 175.4    | 203.5    | 18.6        | 616        |                          | 199.8        | 151.0        | 246.0        | 213.4          |
| Renk                              | RK877DGV2P    | DGVT2P-RIB | RR2       | 202.1          | 179.1    | 202.4    | 18.4        | 617        |                          | 200.6        | 157.7        | 224.0        | 225.6          |
| DuraCrop                          | 3124 DG2P     | DG         | RR2       | 202.0          | 185.8    | 202.5    | 18.5        | 615        |                          | 200.7        | 170.9        | 217.2        | 219.3          |
| Prairie Hybrids                   | 7387          | None       | None      | 200.2          | 172.1    | 206.2    | 18.5        | 610        |                          | 164.8        | 179.4        | 226.5        | 212.5          |
| Mycogen                           | MY10Y47RA     | SSX-RIB    | RR2       | 198.2          | 173.4    | 198.1    | 18.7        | 602        |                          | 200.6        | 146.1        | 231.2        | 217.1          |
| Mycogen                           | MY12H25RA     | PC-RIB     | RR2       | 197.0          | 173.6    | 195.9    | 19.2        | 592        |                          | 195.4        | 151.9        | 218.5        | 217.2          |
| DuraCrop                          | XG-1098 GT2   | V3010      | GT, LL    | 196.6          | 188.1    | 195.0    | 18.5        | 599        |                          | 198.4        | 177.9        | 203.9        | 203.1          |
| Renk                              | RK859DGV2P    | DGVT2P-RIB | RR2       | 196.1          | 172.0    | 200.0    | 18.7        | 595        |                          | 187.0        | 157.1        | 207.4        | 235.5          |
| DuraCrop                          | 3110 GT3      | GT3K       | GT, LL    | 195.8          | 170.5    | 195.3    | 19.0        | 590        |                          | 200.0        | 141.1        | 218.5        | 226.5          |
| Mycogen                           | 2G685         | GT3K       | GT, LL    | 195.5          | 170.4    | 197.2    | 18.5        | 595        |                          | 191.2        | 149.6        | 232.2        | 209.8          |
| <b>Experiment Mean</b>            |               |            |           | <b>208.3</b>   |          |          | <b>18.6</b> | <b>633</b> |                          | <b>206.1</b> | <b>175.8</b> | <b>229.8</b> | <b>221.0</b>   |
| <b>Minimum Mean</b>               |               |            |           | <b>195.5</b>   |          |          | <b>18.1</b> | <b>590</b> |                          | <b>164.8</b> | <b>141.1</b> | <b>203.9</b> | <b>196.3</b>   |
| <b>Maximum Mean</b>               |               |            |           | <b>224.1</b>   |          |          | <b>19.7</b> | <b>678</b> |                          | <b>232.2</b> | <b>210.5</b> | <b>259.9</b> | <b>237.4</b>   |
| <b>LSD(0.25)</b>                  |               |            |           | <b>9.4</b>     |          |          | <b>0.3</b>  |            |                          | <b>11.2</b>  | <b>10.6</b>  | <b>12.4</b>  | <b>11.5</b>    |
| <b>Coefficient of Variability</b> |               |            |           | <b>6.1</b>     |          |          |             |            |                          | <b>6.6</b>   | <b>7.3</b>   | <b>6.6</b>   | <b>6.4</b>     |

**Table 11. South district, 2018 district and single-location means. Full-season test, RM > 112.**

| Company                           | Hybrid        | Trait Pkg | Herb Tech | District Means |          |          |             |            | Single Location Yield    |              |              |              |                |
|-----------------------------------|---------------|-----------|-----------|----------------|----------|----------|-------------|------------|--------------------------|--------------|--------------|--------------|----------------|
|                                   |               |           |           | Yield Bu/A     | SW Yield | SE Yield | Moist %     | AGV \$     | Lewis                    | Corning      | Milo         | Batavia      | Crawfordsville |
| NuTech/G2 Genetics                | E5FN-A714     | AM        | LL,RR2    | 223.8          | 212.9    | 226.2    | 19.7        | 664        |                          | 216.4        | 209.4        | 258.3        | 211.0          |
| Prairie Hybrids                   | 8759          | None      | None      | 222.8          | 210.5    | 222.1    | 19.6        | 662        |                          | 225.2        | 195.8        | 254.7        | 215.9          |
| DEKALB                            | DKC63-57RIB   | SSX-RIB   | LL,RR2    | 222.3          | 208.0    | 225.5    | 18.8        | 673        |                          | 218.3        | 197.6        | 252.0        | 226.9          |
| Hoegemeyer                        | HPT 8382 AM   | AM        | LL,RR2    | 220.3          | 203.0    | 230.0    | 18.8        | 668        |                          | 195.5        | 210.6        | 240.4        | 239.1          |
| DuraCrop                          | 3147 GT3      | GT3K      | GT, LL    | 218.4          | 193.6    | 230.5    | 19.4        | 652        |                          | 183.4        | 203.9        | 259.4        | 228.2          |
| NuTech/G2 Genetics                | E5FN-A213     | AM        | LL,RR2    | 217.1          | 199.3    | 224.2    | 19.0        | 654        |                          | 191.2        | 207.3        | 243.4        | 221.9          |
| LG Seeds                          | LG5643STXRIB  | SSX-RIB   | LL,RR2    | 217.1          | 199.4    | 215.0    | 19.3        | 650        |                          | 221.5        | 177.3        | 245.6        | 222.2          |
| DEKALB                            | DKC63-21RIB   | SSX-RIB   | LL,RR2    | 215.1          | 200.4    | 216.7    | 18.5        | 655        |                          | 211.2        | 189.5        | 233.1        | 227.4          |
| Mycogen                           | MY14H95RA     | PC        | RR2       | 214.8          | 205.1    | 216.2    | 19.9        | 635        |                          | 214.5        | 195.6        | 238.1        | 215.0          |
| Cornelius                         | C765SS        | SSX       | RR2       | 214.2          | 205.1    | 214.8    | 19.2        | 643        |                          | 212.4        | 197.8        | 237.8        | 208.7          |
| MorCorn                           | MC 4750       | SSX       | LL,RR2    | 213.6          | 188.9    | 221.2    | 19.8        | 632        |                          | 193.7        | 184.0        | 252.0        | 227.7          |
| NuTech/G2 Genetics                | 5FB-4516      | AM-RIB    | LL,RR2    | 212.7          | 191.4    | 211.4    | 19.4        | 636        |                          | 216.0        | 166.8        | 266.2        | 201.2          |
| DuraCrop                          | XT-1138 VT2P  | VT2P      | RR2       | 211.4          | 196.7    | 213.0    | 18.7        | 641        |                          | 209.1        | 184.3        | 229.7        | 224.8          |
| NuTech/G2 Genetics                | 5FB-6313      | AM-RIB    | LL,RR2    | 210.8          | 197.7    | 218.0    | 18.7        | 639        |                          | 187.9        | 207.5        | 224.1        | 222.3          |
| DEKALB                            | DKC66-74RIB   | SSX-RIB   | LL,RR2    | 210.5          | 192.2    | 215.4    | 19.2        | 632        |                          | 192.2        | 192.3        | 234.9        | 219.1          |
| Titan Pro                         | 82-14 2P      | VT2P      | RR2       | 209.6          | 189.5    | 216.0    | 18.7        | 636        | This test was discarded. | 188.0        | 191.1        | 228.0        | 229.0          |
| Miller Hybrids                    | M15-28        | None      | None      | 209.3          | 192.6    | 216.0    | 19.3        | 627        |                          | 188.3        | 196.9        | 233.5        | 217.7          |
| Pioneer                           | P1366AM       | AM-RIB    | LL,RR2    | 208.8          | 180.0    | 218.7    | 18.8        | 633        |                          | 180.4        | 179.5        | 243.5        | 233.2          |
| Hoegemeyer                        | HPT 8414 AM   | AM-RIB    | LL,RR2    | 208.7          | 195.0    | 213.7    | 18.9        | 631        |                          | 194.4        | 195.6        | 228.2        | 217.2          |
| MorCorn                           | MC 4319       | VT2P-RIB  | RR2       | 206.2          | 176.4    | 213.6    | 19.8        | 610        |                          | 186.2        | 166.7        | 250.5        | 223.6          |
| DuraCrop                          | 3139 GT2X     | V3120     | GT, LL    | 204.6          | 184.3    | 217.5    | 19.4        | 611        |                          | 161.3        | 207.4        | 231.7        | 213.4          |
| LG Seeds                          | LG5650VT2RIB  | VT2P-RIB  | RR2       | 204.0          | 181.7    | 216.1    | 19.1        | 613        |                          | 169.5        | 193.9        | 247.8        | 206.6          |
| LG Seeds                          | LG66C32STXRIB | SSX-RIB   | LL,RR2    | 203.9          | 181.6    | 206.2    | 19.7        | 605        |                          | 197.2        | 166.1        | 226.2        | 226.3          |
| MorCorn                           | MC 4457       | VT2P      | RR2       | 203.5          | 191.4    | 202.9    | 19.2        | 611        |                          | 203.3        | 179.5        | 231.5        | 197.9          |
| DEKALB                            | DKC64-34RIB   | SSX-RIB   | LL,RR2    | 203.0          | 189.0    | 207.8    | 19.3        | 608        |                          | 188.8        | 189.2        | 233.9        | 200.3          |
| MorCorn                           | MC 4725       | VT2P-RIB  | RR2       | 201.3          | 183.7    | 204.8    | 19.9        | 594        |                          | 189.2        | 178.2        | 216.6        | 219.5          |
| Epley                             | E2310         | None      | None      | 199.6          | 171.0    | 207.9    | 18.7        | 605        |                          | 155.8        | 186.3        | 217.9        | 219.5          |
| Four Star                         | 6D75          | VT2P-RIB  | RR2       | 199.5          | 172.7    | 204.5    | 19.9        | 590        |                          | 185.9        | 159.4        | 228.0        | 226.2          |
| Hoegemeyer                        | HPT 8572 AM   | AM-RIB    | LL,RR2    | 198.8          | 169.6    | 207.0    | 19.6        | 591        |                          | 171.5        | 167.7        | 226.7        | 226.5          |
| LG Seeds                          | LG5618STXRIB  | SSX-RIB   | LL,RR2    | 197.8          | 173.8    | 206.4    | 19.5        | 590        |                          | 171.5        | 176.1        | 222.8        | 220.4          |
| NuTech/G2 Genetics                | 5LB-7215      | AM-RIB    | LL,RR2    | 197.6          | 171.3    | 210.3    | 19.5        | 589        |                          | 166.2        | 176.5        | 231.4        | 223.2          |
| Four Star                         | EX8502        | VT2P      | RR2       | 197.4          | 169.3    | 200.1    | 20.2        | 579        |                          | 184.4        | 154.3        | 227.4        | 218.4          |
| Mycogen                           | MY13C17RA     | SSX-RIB   | RR2       | 196.7          | 164.0    | 202.9    | 19.3        | 589        |                          | 183.3        | 144.8        | 235.9        | 228.1          |
| Roeschley                         | RX14-70SS     | SSX       | LL,RR2    | 189.3          | 156.8    | 202.5    | 20.1        | 556        |                          | 143.9        | 169.6        | 218.8        | 219.1          |
| Pioneer                           | P1555CHR      | HX1       | LL,RR2    | 186.2          | 154.0    | 200.9    | 19.7        | 553        |                          | 141.8        | 166.3        | 234.7        | 201.8          |
| Prairie Hybrids                   | 8904          | None      | None      | 184.3          | 157.7    | 191.9    | 19.2        | 553        |                          | 160.3        | 155.0        | 195.7        | 225.0          |
| <b>Experiment Mean</b>            |               |           |           | <b>207.1</b>   |          |          | <b>19.3</b> | <b>620</b> |                          | <b>188.9</b> | <b>183.9</b> | <b>235.6</b> | <b>219.6</b>   |
| <b>Minimum Mean</b>               |               |           |           | <b>184.3</b>   |          |          | <b>18.5</b> | <b>553</b> |                          | <b>141.8</b> | <b>144.8</b> | <b>195.7</b> | <b>197.9</b>   |
| <b>Maximum Mean</b>               |               |           |           | <b>223.8</b>   |          |          | <b>20.2</b> | <b>673</b> |                          | <b>225.2</b> | <b>210.6</b> | <b>266.2</b> | <b>239.1</b>   |
| <b>LSD(0.25)</b>                  |               |           |           | <b>11.7</b>    |          |          | <b>0.5</b>  |            |                          | <b>10.5</b>  | <b>12.4</b>  | <b>10.6</b>  | <b>11.0</b>    |
| <b>Coefficient of Variability</b> |               |           |           | <b>5.7</b>     |          |          |             |            |                          | <b>6.8</b>   | <b>8.2</b>   | <b>5.5</b>   | <b>6.1</b>     |



**Table 12. Entrant Information.**
**Blue River: Blue River Organic Seeds, Ames, IA**
[www.blueriverorgseed.com](http://www.blueriverorgseed.com)
**(800) 370-7979**

| Hybrid | RM  | GMO Technology |           |      | North | North | Central | Central | South | South |
|--------|-----|----------------|-----------|------|-------|-------|---------|---------|-------|-------|
|        |     | Trait Pkg      | Herb Tech | IST  | Early | Full  | Early   | Full    | Early | Full  |
| 38G54  | 96  | None           | None      | C250 | X     |       |         |         |       |       |
| 48G35  | 102 | None           | None      | C250 | X     |       |         |         |       |       |
| 51T59  | 103 | None           | None      | C250 | X     |       |         |         |       |       |

**Cornelius: Cornelius Seed, Bellevue, IA**
[www.corneliusseed.com](http://www.corneliusseed.com)
**(800) 218-1862**

| Hybrid    | RM  | GMO Technology |           |        | North | North | Central | Central | South | South |
|-----------|-----|----------------|-----------|--------|-------|-------|---------|---------|-------|-------|
|           |     | Trait Pkg      | Herb Tech | IST    | Early | Full  | Early   | Full    | Early | Full  |
| C336DP    | 101 | VT2P           | RR2       | A500PV | X     |       |         |         |       |       |
| C3338DGDP | 103 | DG             | RR2       | C250   | X     |       |         |         |       |       |
| C385DP    | 103 | VT2P           | RR2       | A500PV | X     |       |         |         |       |       |
| C478DP    | 105 | VT2P           | RR2       | A500PV |       | X     |         |         |       |       |
| C461SS    | 106 | SSX            | RR2       | A500PV |       | X     | X       |         |       |       |
| C573DP    | 108 | VT2P           | RR2       | C250   |       | X     | X       |         |       |       |
| C577SS    | 109 | SSX            | LL,RR2    | A500PV |       |       | X       |         | X     |       |
| C633DP    | 110 | VT2P           | RR2       | C250   |       |       |         | X       | X     |       |
| C667DP    | 112 | VT2P           | RR2       | A500PV |       |       |         | X       | X     |       |
| C765SS    | 114 | SSX            | RR2       | A500PV |       |       |         | X       |       | X     |

**DEKALB: Monsanto, St. Louis, MO**
[www.asgrowanddekab.com](http://www.asgrowanddekab.com)
**(800) 768-6387**

| Hybrid      | RM  | GMO Technology |           |        | North | North | Central | Central | South | South |
|-------------|-----|----------------|-----------|--------|-------|-------|---------|---------|-------|-------|
|             |     | Trait Pkg      | Herb Tech | IST    | Early | Full  | Early   | Full    | Early | Full  |
| DKC50-08RIB | 100 | SSX-RIB        | LL,RR2    | A500PV | X     |       |         |         |       |       |
| DKC51-38RIB | 101 | SSX-RIB        | LL,RR2    | A500PV | X     |       |         |         |       |       |
| DKC52-68RIB | 102 | VT2P-RIB       | RR2       | ACL250 | X     |       |         |         |       |       |
| DKC53-56RIB | 103 | SSX-RIB        | LL,RR2    | A500PV | X     |       |         |         |       |       |
| DKC54-74RIB | 104 | VT2P-RIB       | RR2       | ACL250 |       |       | X       |         |       |       |
| DKC55-53RIB | 105 | SSX-RIB        | LL,RR2    | A500PV |       | X     | X       |         |       |       |
| DKC57-97RIB | 107 | SSX-RIB        | LL,RR2    | A500PV |       | X     |         |         |       |       |
| DKC58-34RIB | 108 | SSX-RIB        | LL,RR2    | A500PV |       | X     | X       |         |       |       |
| DKC59-50RIB | 109 | VT2P-RIB       | RR2       | ACL250 |       |       | X       |         |       |       |
| DKC60-87RIB | 110 | SSX-RIB        | LL,RR2    | A500PV |       |       |         |         | X     |       |
| DKC61-98RIB | 111 | VT2P-RIB       | RR2       | ACL250 |       |       |         | X       | X     |       |
| DKC62-52RIB | 112 | SSX-RIB        | LL,RR2    | A500PV |       |       |         | X       | X     |       |
| DKC63-21RIB | 113 | SSX-RIB        | LL,RR2    | A500PV |       |       |         | X       |       | X     |
| DKC63-57RIB | 113 | SSX-RIB        | LL,RR2    | A500PV |       |       |         |         |       | X     |
| DKC64-34RIB | 114 | SSX-RIB        | LL,RR2    | A500PV |       |       |         | X       |       | X     |
| DKC66-74RIB | 116 | SSX-RIB        | LL,RR2    | A500PV |       |       |         |         |       | X     |

**DuraCrop: DuraCrop Hybrids, Oskaloosa, IA**
[www.myduracrop.com](http://www.myduracrop.com)
**(800) 373-9401**

| Hybrid       | RM  | GMO Technology |           |     | North | North | Central | Central | South | South |
|--------------|-----|----------------|-----------|-----|-------|-------|---------|---------|-------|-------|
|              |     | Trait Pkg      | Herb Tech | IST | Early | Full  | Early   | Full    | Early | Full  |
| 3087 VT2P    | 108 | VT2P           | RR2       | CEP |       |       | X       |         | X     |       |
| XG-1098 GT2  | 109 | V3010          | GT, LL    | CEP |       |       | X       |         | X     |       |
| 3110 GT3     | 111 | GT3K           | GT, LL    | CEP |       |       |         | X       | X     |       |
| 3124 DG2P    | 112 | DG             | RR2       | CEP |       |       |         | X       | X     |       |
| 3126 GT3     | 112 | GT3K           | GT, LL    | CEP |       |       |         | X       |       |       |
| 3127 VT2P    | 112 | VT2P           | RR2       | CEP |       |       |         |         | X     |       |
| 3139 GT2X    | 113 | V3120          | GT, LL    | CEP |       |       |         |         |       | X     |
| XT-1138 VT2P | 113 | VT2P           | RR2       | CEP |       |       |         | X       |       | X     |
| 3147 GT3     | 115 | GT3K           | GT, LL    | CEP |       |       |         |         |       | X     |

**Table 12. Entrant Information.** *Continued***Epley: Epley Bros. Hybrids, Inc., Shell Rock, IA****(319) 885-6293**

| Hybrid       | RM  | GMO Technology |           |       | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|--------------|-----|----------------|-----------|-------|----------------|---------------|------------------|-----------------|----------------|---------------|
|              |     | Trait Pkg      | Herb Tech | IST   |                |               |                  |                 |                |               |
| E9520        | 95  | None           | None      | MX-QT | X              |               |                  |                 |                |               |
| E9840        | 98  | None           | None      | MX-QT | X              |               |                  |                 |                |               |
| E1020        | 100 | None           | None      | MX-QT | X              |               |                  |                 |                |               |
| E1312SS      | 103 | SSX            | LL,RR2    | P500V |                | X             | X                |                 |                |               |
| E1712SS      | 107 | SSX            | LL,RR2    | P500V |                | X             | X                |                 |                |               |
| E1803VIP3110 | 108 | V3110          | LL,RR2    | MX-QT |                | X             | X                |                 |                |               |
| E2001GTCBLL  | 110 | CB             | LL,RR2    | MX-QT |                |               |                  | X               | X              |               |
| E2210        | 112 | None           | None      | MX-QT |                |               |                  | X               | X              |               |
| E2220        | 112 | None           | None      | MX-QT |                |               |                  | X               | X              |               |
| E2310        | 113 | None           | None      | MX-QT |                |               |                  | X               |                | X             |

**Four Star: Four Star Seed Co., Logan, IA****www.4starseed.com****(712) 644-1400**

| Hybrid | RM  | GMO Technology |           |        | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|--------|-----|----------------|-----------|--------|----------------|---------------|------------------|-----------------|----------------|---------------|
|        |     | Trait Pkg      | Herb Tech | IST    |                |               |                  |                 |                |               |
| EX8526 | 100 | VT2P           | RR2       | ACL250 | X              |               |                  |                 |                |               |
| EX8516 | 102 | VT2P-RIB       | RR2       | ACL250 | X              |               |                  |                 |                |               |
| EX8550 | 103 | VT2P           | RR2       | ACL250 | X              |               |                  |                 |                |               |
| 6D41   | 107 | VT2P-RIB       | RR2       | ACL250 |                | X             | X                |                 |                |               |
| EX8505 | 107 | VT2P           | RR2       | ACL250 |                | X             | X                |                 |                |               |
| 6D47   | 109 | VT2P-RIB       | RR2       | ACL250 |                | X             | X                |                 |                |               |
| 6D55   | 110 | VT2P-RIB       | RR2       | ACL250 |                |               |                  | X               | X              |               |
| 6D63   | 112 | VT2P-RIB       | RR2       | ACL250 |                |               |                  | X               | X              |               |
| 6D75   | 114 | VT2P-RIB       | RR2       | ACL250 |                |               |                  | X               |                | X             |
| EX8502 | 114 | VT2P           | RR2       | ACL250 |                |               |                  | X               |                | X             |





**Table 12. Entrant Information.** *Continued*
**Hoegemeyer: Hoegemeyer Hybrids, Hooper, NE**
[www.therightseed.com](http://www.therightseed.com)
**(800) 245-4631**

| Hybrid      | RM  | GMO Technology |           |        | North | North | Central | Central | South | South |
|-------------|-----|----------------|-----------|--------|-------|-------|---------|---------|-------|-------|
|             |     | Trait Pkg      | Herb Tech | IST    | Early | Full  | Early   | Full    | Early | Full  |
| HPT 7886 AM | 108 | AM             | LL,RR2    | P1250V |       |       |         |         | X     |       |
| HPT 7946 AM | 109 | AM-RIB         | LL,RR2    | P500V  |       |       |         |         | X     |       |
| HPT 8217 AM | 112 | AM-RIB         | LL,RR2    | C250   |       |       |         |         | X     |       |
| HPT 8382 AM | 113 | AM             | LL,RR2    | P1250V |       |       |         |         |       | X     |
| HPT 8414 AM | 114 | AM-RIB         | LL,RR2    | C250   |       |       |         |         |       | X     |
| HPT 8572 AM | 115 | AM-RIB         | LL,RR2    | C250   |       |       |         |         |       | X     |

**LG Seeds: LG Seeds, Westfield, IN**
[www.lgseeds.com](http://www.lgseeds.com)
**(888) 675-3190**

| Hybrid        | RM  | GMO Technology |           |       | North | North | Central | Central | South | South |
|---------------|-----|----------------|-----------|-------|-------|-------|---------|---------|-------|-------|
|               |     | Trait Pkg      | Herb Tech | IST   | Early | Full  | Early   | Full    | Early | Full  |
| LG5494VT2RIB  | 99  | VT2P-RIB       | RR2       | P500V | X     |       |         |         |       |       |
| LG5505STXRIB  | 100 | SSX-RIB        | LL,RR2    | P500V | X     |       |         |         |       |       |
| LG53C50STX    | 103 | SSX            | LL,RR2    | P500V | X     |       |         |         |       |       |
| LG5525VT2RIB  | 105 | VT2P-RIB       | RR2       | P500V |       | X     | X       |         |       |       |
| LG57C28VT2PRO | 107 | VT2P           | RR2       | P500V |       | X     | X       |         |       |       |
| LG58C77VT2PRO | 108 | VT2P           | RR2       | P500V |       | X     | X       |         |       |       |
| LG59C41STX    | 109 | SSX            | LL,RR2    | P500V |       |       |         | X       | X     |       |
| LG59C66VT2PRO | 109 | VT2P           | RR2       | P500V |       | X     | X       |         | X     |       |
| LG5606STXRIB  | 111 | SSX-RIB        | LL,RR2    | P500V |       |       |         | X       | X     |       |
| LG5618STXRIB  | 112 | SSX-RIB        | LL,RR2    | P500V |       |       |         |         |       | X     |
| LG62C02VT2PRO | 112 | VT2P           | RR2       | P500V |       |       |         | X       | X     |       |
| LG5643STXRIB  | 114 | SSX-RIB        | LL,RR2    | P500V |       |       |         | X       |       | X     |
| LG5650VT2RIB  | 115 | VT2P-RIB       | RR2       | P500V |       |       |         |         |       | X     |
| LG66C32STXRIB | 116 | SSX-RIB        | LL,RR2    | P500V |       |       |         |         |       | X     |



**Table 12. Entrant Information.** *Continued*
**Miller: Miller Hybrids, Inc., Kalona, IA**
**www.millerhybrids.com**
**(319) 656-2532**

| Hybrid    | RM  | GMO Technology |           |       | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|-----------|-----|----------------|-----------|-------|----------------|---------------|------------------|-----------------|----------------|---------------|
|           |     | Trait Pkg      | Herb Tech | IST   |                |               |                  |                 |                |               |
| M08-06BGV | 109 | V3110          | GT, LL    | CEP   |                |               | X                |                 |                |               |
| M09-01    | 109 | None           | None      | CEP   |                |               | X                |                 |                |               |
| M10-01BGV | 109 | V3110          | GT, LL    | CEP   |                |               | X                |                 |                |               |
| MEX11-71  | 111 | None           | None      | AV500 |                |               |                  |                 | X              |               |
| M11-52    | 112 | None           | None      | CEP   |                |               |                  | X               |                |               |
| M14-28BRG | 114 | GT3K           | GT, LL    | CEP   |                |               |                  | X               |                |               |
| M15-28    | 114 | None           | None      | AV500 |                |               |                  |                 |                | X             |

**MorCorn: MFA Inc., Columbia, MO**
**www.morcorn.com**
**(573) 876-5490**

| Hybrid  | RM  | GMO Technology |           |        | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|---------|-----|----------------|-----------|--------|----------------|---------------|------------------|-----------------|----------------|---------------|
|         |     | Trait Pkg      | Herb Tech | IST    |                |               |                  |                 |                |               |
| MC 3617 | 106 | VT2P-RIB       | RR2       | ACL250 |                |               | X                |                 |                |               |
| MC 4255 | 112 | VT2P-RIB       | RR2       | ACL250 |                |               |                  |                 | X              |               |
| MC 4319 | 113 | VT2P-RIB       | RR2       | ACL250 |                |               |                  |                 |                | X             |
| MC 4457 | 114 | VT2P           | RR2       | ACL250 |                |               |                  |                 |                | X             |
| MC 4725 | 117 | VT2P-RIB       | RR2       | ACL250 |                |               |                  |                 |                | X             |
| MC 4750 | 117 | SSX            | LL,RR2    | ACL250 |                |               |                  |                 |                | X             |

**Mycogen: Mycogen Seeds, Indianapolis, IN**
**www.mycogen.com**
**(800) MYCOGEN**

| Hybrid    | RM  | GMO Technology |           |      | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|-----------|-----|----------------|-----------|------|----------------|---------------|------------------|-----------------|----------------|---------------|
|           |     | Trait Pkg      | Herb Tech | IST  |                |               |                  |                 |                |               |
| MY00B25RA | 100 | PC             | RR2       | C250 | X              |               |                  |                 |                |               |
| MY04G26   | 104 | PC             | RR2       | C250 |                | X             | X                |                 |                |               |
| MY04Y97RA | 104 | SSX-RIB        | RR2       | C250 |                | X             | X                |                 |                |               |
| MY05U06   | 105 | PC             | RR2       | C250 |                | X             | X                |                 |                |               |
| MY08T21   | 108 | None           | RR2       | C250 |                | X             | X                |                 |                |               |
| 2G685     | 109 | GT3K           | GT, LL    | C250 |                | X             | X                |                 | X              |               |
| MY10Y47RA | 110 | SSX-RIB        | RR2       | C250 |                |               |                  | X               | X              |               |
| MY12G35RA | 112 | PC-RIB         | RR2       | C250 |                |               |                  | X               | X              |               |
| MY12H25RA | 112 | PC-RIB         | RR2       | C250 |                |               |                  | X               | X              |               |
| MY13C17RA | 113 | SSX-RIB        | RR2       | C250 |                |               |                  | X               |                | X             |
| MY14H95RA | 114 | PC             | RR2       | C250 |                |               |                  | X               |                | X             |

**NuTech: NuTech Seed, LLC, Ames, IA**
**www.yieldleader.com**
**(800) 942-6748**

| Hybrid   | RM  | GMO Technology |           |       | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|----------|-----|----------------|-----------|-------|----------------|---------------|------------------|-----------------|----------------|---------------|
|          |     | Trait Pkg      | Herb Tech | IST   |                |               |                  |                 |                |               |
| 5N-800   | 100 | GT3K           | GT, LL    | P500V | X              |               |                  |                 |                |               |
| 5NN-8812 | 112 | GT3K           | GT, LL    | CL250 |                |               |                  | X               | X              |               |

**Table 12. Entrant Information.** *Continued*
**NuTech / G2 Genetics: NuTech Seed, LLC, Ames, IA**
[www.nutechseed.com](http://www.nutechseed.com)
**(515) 233-1997**

| Hybrid    | RM  | GMO Technology |           |       | North | North | Central | Central | South | South |
|-----------|-----|----------------|-----------|-------|-------|-------|---------|---------|-------|-------|
|           |     | Trait Pkg      | Herb Tech | IST   | Early | Full  | Early   | Full    | Early | Full  |
| 5F-601    | 101 | AM-RIB         | LL,RR2    | P500V | X     |       |         |         |       |       |
| 5F-702    | 102 | AM-RIB         | LL,RR2    | P500V | X     |       |         |         |       |       |
| 5F-503    | 103 | AM-RIB         | LL,RR2    | P500V | X     |       |         |         |       |       |
| 5FB-3603  | 103 | AM-RIB         | LL,RR2    | CL250 | X     |       |         |         |       |       |
| 5F-504    | 104 | AM-RIB         | LL,RR2    | P500V |       | X     | X       |         |       |       |
| E5FN-A604 | 104 | AM             | LL,RR2    | CL250 |       | X     |         |         |       |       |
| 5F-308    | 108 | AM-RIB         | LL,RR2    | P500V |       | X     | X       |         |       |       |
| E5FN-A808 | 108 | AM             | LL,RR2    | CL250 |       | X     | X       |         |       |       |
| 5F-709    | 109 | AM-RIB         | LL,RR2    | P500V |       | X     | X       |         |       |       |
| 5FB-9909  | 109 | AM-RIB         | LL,RR2    | CL250 |       | X     | X       |         | X     |       |
| 5FB-1010  | 110 | AM-RIB         | LL,RR2    | P500V |       |       |         | X       | X     |       |
| 5FB-6313  | 113 | AM-RIB         | LL,RR2    | CL250 |       |       |         | X       |       | X     |
| E5FN-A213 | 113 | AM             | LL,RR2    | CL250 |       |       |         | X       |       | X     |
| E5FN-A714 | 114 | AM             | LL,RR2    | CL250 |       |       |         |         |       | X     |
| 5LB-7215  | 115 | AM-RIB         | LL,RR2    | CL250 |       |       |         |         |       | X     |
| 5FB-4516  | 116 | AM-RIB         | LL,RR2    | CL250 |       |       |         |         |       | X     |

**Pioneer: DuPont Pioneer, Johnston, IA**
[www.pioneer.com](http://www.pioneer.com)
**(800) 772-2721**

| Hybrid   | RM  | GMO Technology |           |      | North | North | Central | Central | South | South |
|----------|-----|----------------|-----------|------|-------|-------|---------|---------|-------|-------|
|          |     | Trait Pkg      | Herb Tech | IST  | Early | Full  | Early   | Full    | Early | Full  |
| P0157AM  | 101 | AM-RIB         | LL,RR2    | PPST | X     |       |         |         |       |       |
| P0306AM  | 103 | AM-RIB         | LL,RR2    | PPST | X     |       |         |         |       |       |
| P0574AM  | 105 | AM-RIB         | LL,RR2    | PPST |       | X     | X       |         |       |       |
| P0825AM  | 108 | AM-RIB         | LL,RR2    | PPST |       | X     | X       |         |       |       |
| P1138AM  | 111 | AM-RIB         | LL,RR2    | PPST |       |       |         | X       | X     |       |
| P1197AM  | 111 | AM-RIB         | LL,RR2    | PPST |       |       |         | X       | X     |       |
| P1366AM  | 113 | AM-RIB         | LL,RR2    | PPST |       |       |         |         |       | X     |
| P1555CHR | 115 | HX1            | LL,RR2    | PPST |       |       |         |         |       | X     |

**Prairie Hybrids: Prairie Hybrids, Deer Grove, IL**
[www.prairiehybrids.com](http://www.prairiehybrids.com)
**(815) 438-7815**

| Hybrid | RM  | GMO Technology |           |        | North | North | Central | Central | South | South |
|--------|-----|----------------|-----------|--------|-------|-------|---------|---------|-------|-------|
|        |     | Trait Pkg      | Herb Tech | IST    | Early | Full  | Early   | Full    | Early | Full  |
| 418    | 97  | None           | None      | MX-D   | X     |       |         |         |       |       |
| 2749   | 102 | None           | None      | A500PV | X     |       |         |         |       |       |
| 2607   | 103 | None           | None      | MX-D   | X     |       |         |         |       |       |
| 3415   | 104 | None           | None      | MX-D   | X     |       |         |         |       |       |
| 4718   | 106 | None           | None      | MX-D   |       | X     | X       |         |       |       |
| 5787   | 108 | None           | None      | MX-D   |       | X     | X       |         |       |       |
| 5447   | 109 | None           | None      | MX-D   |       |       | X       |         |       |       |
| 6903   | 109 | None           | None      | MX-D   |       | X     | X       |         |       |       |
| 6407   | 111 | None           | None      | MX-D   |       |       |         | X       |       |       |
| 6878   | 112 | None           | None      | MX-D   |       |       |         | X       | X     |       |
| 7355   | 112 | None           | None      | MX-D   |       | X     |         | X       |       |       |
| 7387   | 112 | None           | None      | MX-D   |       |       |         |         | X     |       |
| 8759   | 114 | None           | None      | A500PV |       |       |         | X       |       | X     |
| 8904   | 114 | None           | None      | MX-D   |       |       |         | X       |       | X     |

**Table 12. Entrant Information.** *Continued*
**Renk: Renk Seed Co., Sun Prairie, WI**
[www.renkseed.com](http://www.renkseed.com)
**(800) BUY RENK**

| Hybrid     | RM  | GMO Technology |           |        | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|------------|-----|----------------|-----------|--------|----------------|---------------|------------------|-----------------|----------------|---------------|
|            |     | Trait Pkg      | Herb Tech | IST    |                |               |                  |                 |                |               |
| RK604SSTX  | 102 | SSX            | RR2       | A500PV | X              |               |                  |                 |                |               |
| RK642SSTX  | 103 | SSX            | RR2       | A500PV | X              |               |                  |                 |                |               |
| RK717SSTX  | 105 | SSX-RIB        | RR2       | A500PV |                | X             | X                |                 |                |               |
| RK710DGV2P | 106 | DGV2P          | RR2       | ACL250 |                | X             | X                |                 |                |               |
| RK737VT2P  | 106 | VT2P           | RR2       | A500PV |                | X             | X                |                 |                |               |
| RK763VT2P  | 108 | VT2P-RIB       | RR2       | ACL250 |                | X             | X                |                 |                |               |
| RK779SSTX  | 108 | SSX            | RR2       | A500PV |                | X             | X                |                 |                |               |
| RK877DGV2P | 111 | DGV2P-RIB      | RR2       | ACL250 |                |               |                  | X               | X              |               |
| RK842SSTX  | 112 | SSX            | RR2       | A500PV |                |               |                  | X               | X              |               |
| RK859DGV2P | 112 | DGV2P-RIB      | RR2       | A500PV |                |               |                  | X               | X              |               |
| RK937SSTX  | 113 | SSX-RIB        | RR2       | A500PV |                |               |                  | X               |                |               |

**Roeschley: Miller Hybrids, Inc., Kalona, IA**
[www.millerhybrids.com](http://www.millerhybrids.com)
**(319) 656-2532**

| Hybrid      | RM  | GMO Technology |           |        | North<br>Early | North<br>Full | Central<br>Early | Central<br>Full | South<br>Early | South<br>Full |
|-------------|-----|----------------|-----------|--------|----------------|---------------|------------------|-----------------|----------------|---------------|
|             |     | Trait Pkg      | Herb Tech | IST    |                |               |                  |                 |                |               |
| RX08-97VT2P | 108 | VT2P           | RR2       | ACL250 |                |               | X                |                 |                |               |
| RX10-36SS   | 110 | SSX            | LL,RR2    | ACL250 |                |               |                  |                 | X              |               |
| RX10-36VT2P | 110 | VT2P           | RR2       | ACL250 |                |               |                  | X               |                |               |
| RX12-70SS   | 112 | SSX            | LL,RR2    | ACL250 |                |               |                  |                 | X              |               |
| RX12-70VT2P | 113 | VT2P           | RR2       | ACL250 |                |               |                  | X               |                |               |
| RX14-14SS   | 113 | SSX            | GT,LL     | ACL250 |                |               |                  | X               |                |               |
| RX14-70SS   | 115 | SSX            | LL,RR2    | ACL250 |                |               |                  |                 |                | X             |





**Table 12. Entrant Information.** *Continued*
**Titan Pro: Titan Pro SCI, Inc., Clear Lake, IA**
**www.titanprosci.com**
**(641) 357-7283**

| Hybrid        | RM  | GMO Technology |           | IST    | North | North | Central | Central | South | South |
|---------------|-----|----------------|-----------|--------|-------|-------|---------|---------|-------|-------|
|               |     | Trait Pkg      | Herb Tech |        | Early | Full  | Early   | Full    | Early | Full  |
| 85-96         | 96  | None           | None      | ACL250 | X     |       |         |         |       |       |
| 86-96 2P      | 96  | VT2P-RIB       | RR2       | ACL250 | X     |       |         |         |       |       |
| TP 70-98      | 98  | None           | None      | C250   | X     |       |         |         |       |       |
| TP 65-00 2P   | 100 | VT2P-RIB       | RR2       | ACL250 | X     |       |         |         |       |       |
| EXP 84-01 SS  | 101 | SSX            | LL,RR2    | A500PV | X     |       |         |         |       |       |
| TP 58-01 2P   | 101 | VT2P-RIB       | RR2       | ACL250 | X     |       |         |         |       |       |
| TP 40-03      | 103 | None           | None      | C250   | X     |       |         |         |       |       |
| TP 53-03 2P   | 103 | VT2P-RIB       | RR2       | ACL250 | X     |       |         |         |       |       |
| 82-04 2P      | 104 | VT2P-RIB       | RR2       | ACL250 |       |       | X       |         |       |       |
| TP 70-06      | 106 | None           | None      | C250   |       | X     | X       |         |       |       |
| TP 77-06 SS   | 106 | SSX-RIB        | LL,RR2    | A500PV |       | X     | X       |         |       |       |
| 82-09 2P      | 109 | VT2P-RIB       | RR2       | ACL250 |       | X     | X       |         |       |       |
| TP 40-09      | 109 | None           | None      | C250   |       | X     | X       |         |       |       |
| TP 66-10 2P   | 110 | VT2P-RIB       | RR2       | ACL250 |       |       |         | X       | X     |       |
| TP 71-12 DG2P | 112 | DGVT2P-RIB     | RR2       | ACL250 |       |       |         | X       | X     |       |
| TP 74-12 SS   | 112 | SSX-RIB        | LL,RR2    | A500PV |       |       |         | X       | X     |       |
| 82-14 2P      | 114 | VT2P           | RR2       | ACL250 |       |       |         |         |       | X     |

**Viking: Albert Lea Seed House, Albert Lea, MN**
**www.alseed.com**
**(800) 352-5247**

| Hybrid | RM  | GMO Technology |           | IST  | North | North | Central | Central | South | South |
|--------|-----|----------------|-----------|------|-------|-------|---------|---------|-------|-------|
|        |     | Trait Pkg      | Herb Tech |      | Early | Full  | Early   | Full    | Early | Full  |
| 44-98  | 98  | None           | None      | C250 | X     |       |         |         |       |       |
| 57-01  | 101 | None           | None      | C250 | X     |       |         |         |       |       |
| 55-02  | 102 | None           | None      | C250 | X     |       |         |         |       |       |
| 42-05  | 105 | None           | None      | C250 |       | X     | X       |         |       |       |
| 13-07  | 107 | None           | None      | C250 |       | X     |         |         |       |       |
| 48-08  | 108 | None           | None      | C250 |       | X     | X       |         |       |       |
| 53-12  | 112 | None           | None      | C250 |       |       |         | X       |       |       |



# Do Your Homework



We provide Iowa corn and soybean growers the information they need to make the best seed choices for their farms. Look it up – it's FREE!

[croptesting.iastate.edu](http://croptesting.iastate.edu)



**IOWA STATE UNIVERSITY**  
**Department of Agronomy**

©2018 Iowa Crop Improvement Association. All Rights Reserved.





# IOWA STATE UNIVERSITY

## Department of Agronomy

*A summary of replicated research by Iowa Crop Improvement Association, Iowa's Official Variety Trials.*