

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

## 2022 Corn Grain Top 30 Harvest Report

Iowa North Central [IANC] WATERLOO, IA  
Rottinghaus Farms, Rottinghaus Farms, Black Hawk County, IA 50703

|                               |  |
|-------------------------------|--|
| <b>Early-Season Test</b>      | <b>101 - 106</b> Day CRM<br>B2022IANC06a                             |
| <b>Top 30 of 72</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications |
| <b>PREV. CROP/HERB:</b>       | Soybeans, Rye Cover Crop /<br>Zidua Pro, Roundup, Flexstar           |
| <b>SOIL DESCRIPTION:</b>      | Marquis loam, well drained, non-<br>irrigated                        |
| <b>SOIL CONDITION:</b>        | No-Till, very high P, high K, 5.6<br>pH, 3.3% OM, 16.9 CEC           |
| <b>PEST MANAGEMENT:</b>       | Triple Flex, Roudup, Halex,<br>Atrazine                              |
| <b>FERTILITY - Applied N:</b> | 32 Spring, 170 Sidedress, 4<br>Foliar Rescue                         |
| <b>Applied N-P-K (units):</b> | 206-92-120   |
| <b>SEEDED - RATE - ROW:</b>   | May 11 38.0 /A 30" spacing   |
| <b>HARVESTED - STAND:</b>     | Oct 20 37.1 /A   |

### TEST COMMENTS:

The weather pattern for Black Hawk county was favorable for crop development compared to most other parts of the state that battled a prolonged drought through much of the growing season. A couple of storms on June 25 (3.1") and again on Aug 7 (2.8") were responsible for the largest contributors of accumulated rainfall, and it is possible not all of that moisture soaked into the soil profile. The early test (101-106 RM) averaged 5 bu/acre higher than 2021. The full test (107-111 RM) averaged 17 bu/acre lower than 2021. The May 11 planting date here was 10 days behind the 2021 season due to cool and wet soil conditions during the first week of May.

| Company/Brand                                      | Product/Brand      | Technol.† | RM         | Yield Bu/A ↓                          | Moisture %   | Lodging %   | Stand (x 1000) | Gross Income \$/Acre | Rank        |
|--|--------------------|-----------|------------|---------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Titan Pro  | 24-05 PCE ↗        | PC,E      | 105        | <b>275.4</b>                          | 23.1         | 0           | 38.0           | 1817                 | 1           |
| Federal  | 5610 PCE ↗         | PC,E      | 106        | <b>269.9</b>                          | 23.0         | 0           | 33.2           | 1781                 | 3           |
| Augusta  | A1956 ↗            | PC,E      | 106        | <b>268.9</b>                          | 23.0         | 0           | 36.8           | 1775                 | 4           |
| Dyna-Gro   | D44DC73RIB ↗       | VT2PDG    | 104        | <b>268.7</b>                          | 20.8         | 0           | 38.0           | 1788                 | 2           |
| DeKalb   | DKC52-99RIB GC ↗   | TRE       | 102        | <b>266.7</b>                          | 21.7         | 0           | 37.0           | 1769                 | 5           |
| Prairie Hybrids                                    | 4470 ↗             | CONV      | 106        | <b>265.7</b>                          | 22.7         | 0           | 36.1           | 1755                 | 6           |
| Integra  | 5443 DGVT2PRIB ↗   | VT2PDG    | 104        | <b>263.8</b>                          | 21.4         | 0           | 38.0           | 1752                 | 7           |
| Hi Fidelity Genetics                               | HFG1051 ↗          | CONV      | 105        | <b>262.8</b>                          | 22.9         | 0           | 37.7           | 1735                 | 9           |
| Integra  | 5533 STXRIB ↗      | STX       | 105        | <b>262.3</b>                          | 22.8         | 0           | 38.0           | 1732                 | 11          |
| FS InVision  | FS 5525VDG RIB ↗   | VT2P      | 105        | <b>261.6</b>                          | 20.8         | 0           | 38.0           | 1741                 | 8           |
| Viking   | 72-06 ↗            | CONV      | 106        | <b>261.5</b>                          | 22.6         | 0           | 34.7           | 1729                 | 12          |
| Federal  | 5430 DGVT2P ↗      | VT2PDG    | 104        | <b>260.6</b>                          | 21.0         | 0           | 38.0           | 1733                 | 10          |
| Epley  | E1530 ↗            | CONV      | 105        | <b>259.6</b>                          | 22.8         | 0           | 34.9           | 1714                 | 14          |
| Wyffels  | W3576 ↗            | VT2P      | 103        | <b>258.4</b>                          | 21.4         | 0           | 35.2           | 1716                 | 13          |
| Hefty  | H5655 ↗            | TRE       | 106        | <b>257.3</b>                          | 22.7         | 0           | 34.8           | 1700                 | 16          |
| Titan Pro  | 24-04 ↗            | CONV      | 104        | <b>256.3</b>                          | 22.7         | 0           | 36.4           | 1693                 | 17          |
| NuTech   | 66C2Q ↗            | QR        | 106        | 255.3                                 | 23.4         | 0           | 38.0           | 1682                 | 18          |
| Renk   | RK625DGVT2P ↗      | VT2PDG    | 104        | 253.5                                 | 21.7         | 0           | 37.5           | 1681                 | 19          |
| Latham   | LH 5487 VT2P RIB ↗ | VT2P      | 104        | 252.9                                 | 21.7         | 0           | 37.7           | 1677                 | 20          |
| Viking   | 84-05 ↗            | CONV      | 105        | 252.0                                 | 22.2         | 1           | 37.2           | 1668                 | 21          |
| Cornelius  | C6552PC ↗          | PC,E      | 105        | 251.8                                 | 24.1         | 0           | 36.0           | 1655                 | 26          |
| Integra  | 5529 VT2PRIB ↗     | VT2P      | 105        | 251.3                                 | 22.1         | 0           | 37.6           | 1664                 | 22          |
| Kruger   | K0355DP ↗          | VT2P      | 103        | 251.1                                 | 22.0         | 0           | 38.0           | 1663                 | 23          |
| AgVenture  | AV9506 ↗           | QR        | 106        | 250.9                                 | 23.3         | 0           | 37.1           | 1654                 | 28          |
| Hefty  | H5432 ↗            | VT2P      | 104        | 250.1                                 | 21.8         | 0           | 37.5           | 1658                 | 25          |
| Titan Pro  | 26-02 PCE ↗        | PC,E      | 102        | 250.0                                 | 22.1         | 0           | 36.8           | 1655                 | 27          |
| Federal  | 5300 VT2PRIB GC ↗  | VT2P      | 103        | 250.0                                 | 21.4         | 2           | 36.3           | 1660                 | 24          |
| Hefty  | H5666 ↗            | PC,E      | 106        | 249.9                                 | 23.7         | 0           | 37.9           | 1645                 | 30          |
| DeKalb   | DKC56-65RIB GC ↗   | STX       | 106        | 249.8                                 | 23.7         | 0           | 38.0           | 1645                 | 31          |
| Renk   | RK720TRE ↗         | TRE       | 106        | 249.6                                 | 22.1         | 3           | 36.9           | 1653                 | 29          |
| <b>PIONEER</b>                                     | <b>P0622Q CK</b>   | <b>QR</b> | <b>106</b> | <b>258.5</b>                          | <b>23.5</b>  | <b>0</b>    | <b>38.0</b>    | <b>1703</b>          | <b>15</b>   |
|  |                    |           |            | <b>Averages =</b>                     | <b>247.4</b> | <b>22.4</b> | <b>0</b>       | <b>37.1</b>          | <b>1637</b> |
|  |                    |           |            | LSD (0.10) =                          | 8.4          | 0.5         | 1              |                      |             |
|  |                    |           |            | LSD (0.25) =                          | 4.4          | 0.3         | 1              |                      |             |
|  |                    |           |            | C.V. =                                | 3.2          |             |                |                      |             |
| Corey Rozenboom                                    |                    |           |            | Historic yield: 215.86 bu/a, 13 yr(s) |              |             |                |                      |             |
| corey.rozenboom@firstseedtests.com, (319) 830-8886 |                    |           |            |                                       |              |             |                |                      |             |

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$6.80

Report Date: 10/20/2022

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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Iowa North Central [IANC] WATERLOO, IA  
Rottinghaus Farms, Rottinghaus Farms, Black Hawk County,  
IA 50703

|                               |  |
|-------------------------------|--|
| <b>Full-Season Test</b>       | 107 - 111 Day CRM<br>B2022IANC06b                                    |
| <b>Top 30 of 78</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications |
| <b>PREV. CROP/HERB:</b>       | Soybeans, Rye Cover Crop /<br>Zidua Pro, Roundup, Flexstar           |
| <b>SOIL DESCRIPTION:</b>      | Marquis loam, well drained, non-<br>irrigated                        |
| <b>SOIL CONDITION:</b>        | No-Till, very high P, high K, 5.6<br>pH, 3.3% OM, 16.9 CEC           |
| <b>PEST MANAGEMENT:</b>       | Triple Flex, Roudup, Halex,<br>Atrazine                              |
| <b>FERTILITY - Applied N:</b> | 32 Spring, 170 Sidedress, 4<br>Foliar Rescue                         |
| <b>Applied N-P-K (units):</b> | 206-92-120   |
| <b>SEEDED - RATE - ROW:</b>   | May 11 38.0 /A 30" spacing   |
| <b>HARVESTED - STAND:</b>     | Oct 20 36.4 /A   |

### TEST COMMENTS:

The weather pattern for Black Hawk county was favorable for crop development compared to most other parts of the state that battled a prolonged drought through much of the growing season. A couple of storms on June 25 (3.1") and again on Aug 7 (2.8") were responsible for the largest contributors of accumulated rainfall, and it is possible not all of that moisture soaked into the soil profile. The early test (101-106 RM) averaged 5 bu/acre higher than 2021. The full test (107-111 RM) averaged 17 bu/acre lower than 2021. The May 11 planting date here was 10 days behind the 2021 season due to cool and wet soil conditions during the first week of May.

| Company/Brand                                      | Product/Brand    | Technol.† | RM         | Yield<br>Bu/A ↓                       | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank        |
|--|------------------|-----------|------------|---------------------------------------|---------------|--------------|-------------------|-------------------------|-------------|
| Kruger   | K0915DD ↗        | VT2PDG    | 109        | <b>276.2</b>                          | 23.4          | 0            | 36.5              | 1820                    | 1           |
| Augusta  | A1359 VT2P ↗     | VT2P      | 108        | <b>274.7</b>                          | 23.3          | 0            | 37.6              | 1811                    | 2           |
| NuTech   | 70A8AM ↗         | AM        | 110        | <b>273.4</b>                          | 23.4          | 0            | 37.6              | 1802                    | 3           |
| Pioneer  | P0953AM GC ↗     | AM        | 109        | <b>272.1</b>                          | 24.1          | 0            | 37.2              | 1788                    | 4           |
| Cornelius  | C6847TRE ↗       | TRE       | 108        | <b>269.5</b>                          | 23.2          | 0            | 37.8              | 1777                    | 6           |
| Kruger   | K0783DP ↗        | VT2P      | 107        | <b>269.3</b>                          | 22.9          | 0            | 37.3              | 1778                    | 5           |
| Hefty  | H5862 ↗          | VT2P      | 108        | <b>268.4</b>                          | 23.5          | 0            | 36.6              | 1768                    | 7           |
| AgVenture  | AV9209 ↗         | QR        | 109        | <b>267.1</b>                          | 24.8          | 0            | 35.9              | 1751                    | 8           |
| Pioneer  | P1185AM GC ↗     | AM        | 111        | <b>266.6</b>                          | 25.9          | 0            | 34.5              | 1740                    | 10          |
| NK Brand   | NK1188-D ↗       | D         | 111        | <b>265.7</b>                          | 24.9          | 0            | 37.2              | 1741                    | 9           |
| AgVenture  | AV9610 ↗         | AM        | 110        | <b>264.9</b>                          | 24.8          | 0            | 35.6              | 1736                    | 11          |
| Titan Pro  | 11-11 ↗          | CONV      | 111        | <b>263.7</b>                          | 24.3          | 0            | 37.1              | 1732                    | 13          |
| Hefty  | H5952 ↗          | VT2P      | 109        | <b>262.8</b>                          | 23.3          | 0            | 37.9              | 1733                    | 12          |
| DeKalb   | DKC58-35RIB GC ↗ | VT2P      | 108        | <b>262.4</b>                          | 22.9          | 0            | 37.2              | 1732                    | 14          |
| NuTech   | 68A9AM ↗         | AM        | 108        | <b>262.2</b>                          | 23.3          | 0            | 35.6              | 1728                    | 15          |
| Federal  | 58T- C2 ↗        | CONV      | 108        | <b>261.4</b>                          | 23.2          | 0            | 32.8              | 1724                    | 16          |
| FS InVision  | FS 6017V RIB ↗   | VT2P      | 110        | <b>261.3</b>                          | 23.1          | 0            | 34.6              | 1724                    | 17          |
| Wyffels  | W6826RIB ↗       | VT2P      | 111        | <b>261.1</b>                          | 23.5          | 0            | 35.3              | 1720                    | 18          |
| Renk   | RK805VT2P ↗      | VT2P      | 110        | <b>261.0</b>                          | 23.3          | 0            | 37.1              | 1720                    | 19          |
| NuTech   | 70B4AM ↗         | AM        | 110        | 260.6                                 | 25.3          | 0            | 35.0              | 1705                    | 24          |
| FS InVision  | FS 6025X RIB ↗   | STX       | 110        | 259.9                                 | 26.7          | 0            | 36.4              | 1691                    | 29          |
| Wyffels  | W6935 ↗          | TRE       | 111        | 259.9                                 | 24.5          | 0            | 35.7              | 1705                    | 25          |
| Cornelius  | C7021DP ↗        | VT2P      | 110        | 259.7                                 | 23.6          | 0            | 37.5              | 1710                    | 20          |
| NuTech   | 70F6Q ↗          | QR        | 110        | 259.3                                 | 23.5          | 0            | 37.9              | 1708                    | 22          |
| Integra  | 5802 VT2PRIB ↗   | VT2P      | 108        | 258.9                                 | 22.8          | 0            | 34.7              | 1710                    | 21          |
| Hefty  | H5944 ↗          | STX       | 109        | 258.7                                 | 23.7          | 0            | 37.0              | 1703                    | 27          |
| Dyna-Gro   | D49VC53 ↗        | VT2P      | 109        | 258.5                                 | 23.1          | 0            | 34.4              | 1705                    | 26          |
| DeKalb   | DKC59-81RIB GC ↗ | STX       | 109        | 258.2                                 | 23.4          | 0            | 34.8              | 1702                    | 28          |
| ProHarvest   | 79P87 SSRIB ↗    | STX       | 109        | 257.7                                 | 24.8          | 0            | 36.8              | 1689                    | 30          |
| AgVenture  | AV8507 ↗         | AM        | 107        | 256.0                                 | 23.0          | 0            | 37.7              | 1689                    | 31          |
| <b>PIONEER</b>                                     | <b>P0622Q CK</b> | <b>QR</b> | <b>106</b> | <b>258.7</b>                          | <b>23.3</b>   | <b>0</b>     | <b>37.0</b>       | <b>1706</b>             | <b>23</b>   |
|  |                  |           |            | <b>Averages =</b>                     | <b>253.1</b>  | <b>24.2</b>  | <b>1</b>          | <b>36.4</b>             | <b>1663</b> |
|  |                  |           |            | LSD (0.10) =                          | 7.6           | 0.9          | 3                 |                         |             |
|  |                  |           |            | LSD (0.25) =                          | 4.0           | 0.5          | 1                 |                         |             |
|  |                  |           |            | C.V. =                                | 2.8           |              |                   |                         |             |
| Corey Rozenboom                                    |                  |           |            | Historic yield: 215.86 bu/a, 13 yr(s) |               |              |                   |                         |             |
| corey.rozenboom@firstseedtests.com, (319) 830-8886 |                  |           |            |                                       |               |              |                   |                         |             |

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$6.80

Report Date: 10/20/2022

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

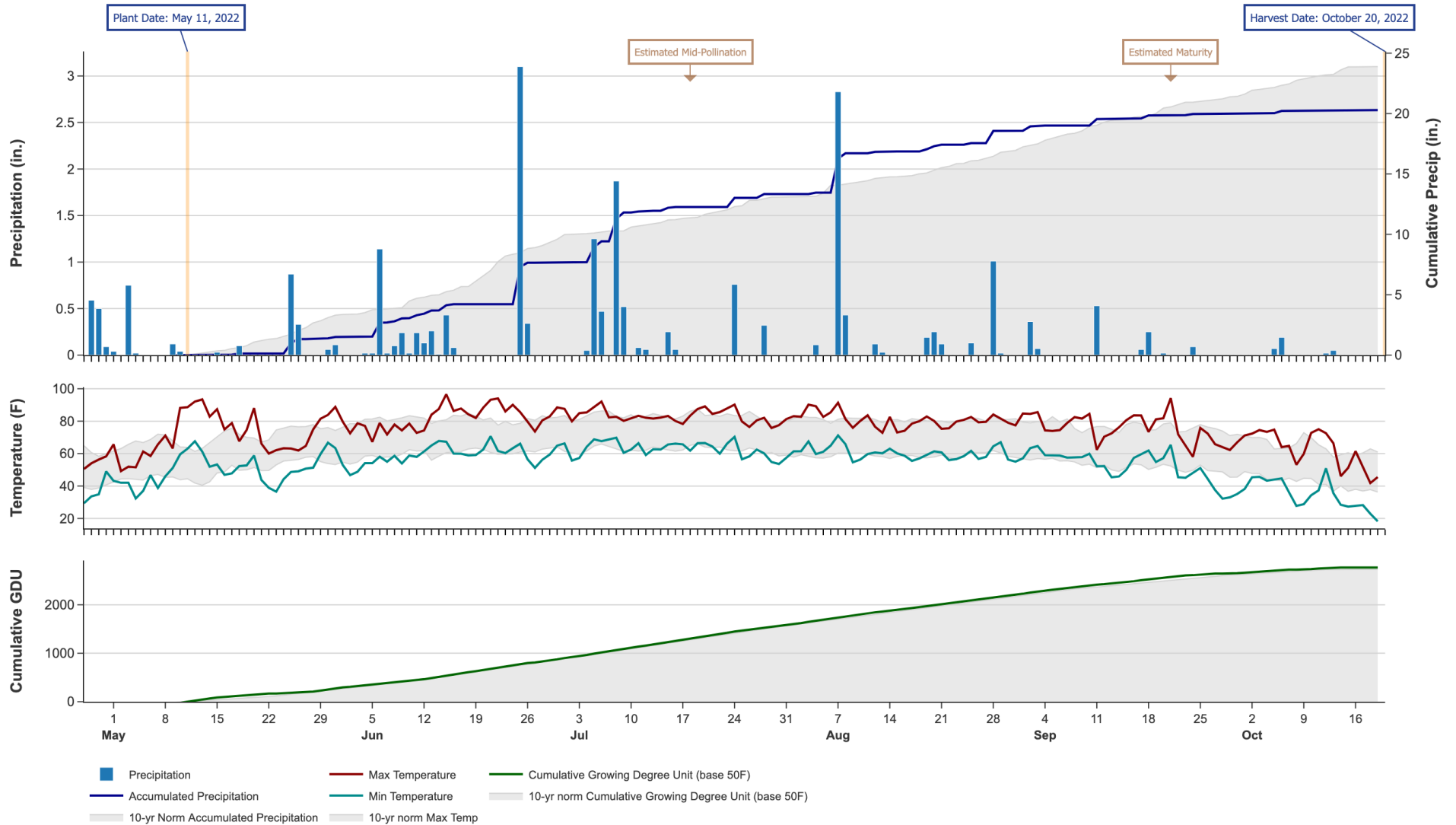
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# 2022 Corn - Iowa North Central [ IANC ]

## Weather Conditions Summary at WATERLOO, IA

| Monthly Total               | Apr*             | May              | Jun              | Jul              | Aug              | Sep              | Oct*             | Total              |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in)   Normal (Diff) | 1.2   0.4 (+0.7) | 2.5   4.7 (-2.2) | 6.2   6.3 (-0.1) | 5.7   3.5 (+2.2) | 5.2   3.9 (+1.4) | 1.4   4.5 (-3.1) | 0.3   2.5 (-2.1) | 22.4   25.7 (-3.2) |
| GDU   Normal (Diff)         | 4   12 (-8)      | 364   338 (+25)  | 596   614 (-18)  | 703   705 (-2)   | 629   617 (+11)  | 445   438 (+6)   | 116   109 (+6)   | 2857   2835 (+21)  |



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2022 Corn - Iowa North Central [ IANC ]

### Early-Season Test Products (72 Total)

| Company/Brand        | Product/Brand   | Technology | RIB | RM  | Seed Treat.  |
|----------------------|-----------------|------------|-----|-----|--------------|
| AgVenture            | AV4104          | QR         | Y   | 104 | Treated      |
| AgVenture            | AV9506          | QR         | Y   | 106 | Treated      |
| Anderson             | 472SRC          | STX        | N   | 106 | AC,P5,B360   |
| Anderson             | 507SRC          | STX        | N   | 102 | AC,P5,B360   |
| Augusta              | A1954 GC        | CONV       | N   | 104 | AC,P5V       |
| Augusta              | A1956           | PC,E       | N   | 106 | AC,P5V       |
| Cornelius            | C6401SS         | STX        | N   | 104 | CM,C2,Vi     |
| Cornelius            | C6525SSP        | STXP       | N   | 105 | AC,P5V,EDC-B |
| Cornelius            | C6552PC         | PC,E       | N   | 105 | CM,C2,Vi     |
| DeKalb               | DKC52-18RIB GC  | STX        | Y   | 102 | AC,P5,EDC    |
| DeKalb               | DKC52-99RIB GC  | TRE        | Y   | 102 | AC,P5        |
| DeKalb               | DKC56-65RIB GC  | STX        | Y   | 106 | AC,P5,EDC    |
| Dyna-Gro             | D44DC73RIB      | VT2PDG     | Y   | 104 | AC,P5V       |
| Dyna-Gro             | D45TC55         | TRE        | Y*  | 105 | AC,P5V       |
| Epley                | E1530           | CONV       | N   | 105 | Vi5          |
| Federal              | 5120 TRE        | TRE        | Y   | 101 | AC,P2,MAG    |
| Federal              | 5200 VP3110 GC  | 3110       | Y   | 102 | AC,P2,MAG    |
| Federal              | 5300 VT2PRIB GC | VT2P       | Y   | 103 | AC,P2,MAG    |
| Federal              | 5430 DGVT2P     | VT2PDG     | Y   | 104 | AC,P2,MAG    |
| Federal              | 5610 PCE        | PC,E       | N   | 106 | AC,P2,MAG    |
| FS InVision          | FS 5115X RIB    | STX        | Y   | 101 | AC,P5V       |
| FS InVision          | FS 5125L1A EZR  | AA         | Y   | 101 | CM,C2,Vi     |
| FS InVision          | FS 5525VDG RIB  | VT2P       | Y   | 105 | AC,P2        |
| FS InVision          | FS 5594X RIB    | STX        | Y   | 105 | AC,P5V       |
| Golden Harvest       | G02K39-D        | D          | Y   | 102 | AVC,C2,Vi,Va |
| Golden Harvest       | G06A27-D        | D          | Y   | 106 | AVC,C2,Vi,Va |
| Hefty                | H5254           | STX        | N   | 102 | HC           |
| Hefty                | H5432           | VT2P       | N   | 104 | HC           |
| Hefty                | H5442           | VT2P       | N   | 104 | HC           |
| Hefty                | H5655           | TRE        | N   | 106 | HC           |
| Hefty                | H5666           | PC,E       | N   | 106 | HC           |
| Hi Fidelity Genetics | HFG1051         | CONV       | N   | 105 | AM,I2        |
| Hi Fidelity Genetics | HFG1071         | CONV       | N   | 105 | AM,I2        |
| Integra              | 5443 DGVT2PRIB  | VT2PDG     | N   | 104 | AC,P5V       |
| Integra              | 5529 VT2PRIB    | VT2P       | Y   | 105 | AC,P5V,SU+Zn |
| Integra              | 5533 STXRIB     | STX        | N   | 105 | Treated      |
| Integra              | 5653STXPRO      | STXP       | N   | 106 | AC,P5V       |
| Kruger               | K0149DP         | VT2P       | Y   | 101 | AC,P5V,EDC-B |
| Kruger               | K0151SP         | STXP       | Y   | 101 | AC,P5V,EDC-B |
| Kruger               | K0355DP         | VT2P       | Y   | 103 | AC,P5V,EDC-B |
| Kruger               | K0475SP         | STXP       | Y   | 104 | AC,P5V,EDC-B |
| Kruger               | K4R-9706        | STX        | Y   | 106 | AC,P5V,EDC-B |

| Company/Brand   | Brand/Product    | Technology | RIB | RM  | Seed Treat.  |
|-----------------|------------------|------------|-----|-----|--------------|
| Latham          | LH 5209 DV       | DV         | Y   | 102 | AVC,C2,Vi,Va |
| Latham          | LH 5245 VT2P RIB | VT2P       | Y   | 102 | AC,P2        |
| Latham          | LH 5377 VT2P RIB | VT2P       | Y   | 103 | AC,P2        |
| Latham          | LH 5487 VT2P RIB | VT2P       | Y*  | 104 | AC,P2        |
| Latham          | LH 5559 SS RIB   | STX        | Y   | 105 | AC,P5        |
| NK Brand        | NK0243-D         | D          | Y   | 102 | AVC,C2,Vi,Va |
| NK Brand        | NK0696-D         | D          | Y   | 106 | AVC,C2,Vi,Va |
| NuTech          | 64B5Q            | QR         | Y   | 104 | Lum, L1      |
| NuTech          | 64D1AM           | AM,AQ      | Y   | 104 | Lum, L1      |
| NuTech          | 65B2Q            | QR         | Y   | 105 | Lum, L1      |
| NuTech          | 66C2Q            | QR         | Y   | 106 | Lum, L1      |
| Pioneer         | P0339Q GC        | QR         | Y   | 103 | Lum, L1      |
| Pioneer         | P0622Q CK        | QR         | Y   | 106 | Lum, L1      |
| Prairie Hybrids | 3259             | CONV       | N   | 105 | MQ,In        |
| Prairie Hybrids | 4470             | CONV       | N   | 106 | MQ,In        |
| Renk            | RK615SSTX        | STX        | Y   | 102 | AC,P5V       |
| Renk            | RK625DGVT2P      | VT2PDG     | N   | 104 | AC,P2        |
| Renk            | RK715SSTX        | STX        | Y   | 105 | AC,P5V       |
| Renk            | RK720TRE         | TRE        | N   | 106 | AC,P5V       |
| Titan Pro       | 24-04            | CONV       | N   | 104 | CM,C2        |
| Titan Pro       | 24-05 PCE        | PC,E       | N   | 105 | CM,C2        |
| Titan Pro       | 26-02 PCE        | PC,E       | N   | 102 | CM,C2        |
| Titan Pro       | 26-03 5222       | DV         | Y   | 103 | AC,P2        |
| Titan Pro       | 84-01            | CONV       | N   | 101 | CM,C2        |
| Viking          | 46-02            | CONV       | N   | 102 | CM,C2,Sb     |
| Viking          | 72-06            | CONV       | N   | 106 | CM,C2,Sb     |
| Viking          | 84-05            | CONV       | N   | 105 | CM,C2,Sb     |
| Wyffels         | W2656            | VT2P       | N   | 101 | AC,P2        |
| Wyffels         | W3576            | VT2P       | N   | 103 | AC,P2        |
| Wyffels         | W4025            | TRE        | N   | 105 | AC,P2        |

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2022 Corn - Iowa North Central [ IANC ]

### Full-Season Test Products (78 Total)

| Company/Brand  | Product/Brand    | Technology | RIB | RM  | Seed Treat.        |
|----------------|------------------|------------|-----|-----|--------------------|
| AgVenture      | AV5508           | AM         | Y   | 108 | Treated            |
| AgVenture      | AV8507           | AM         | Y   | 107 | Treated            |
| AgVenture      | AV9209           | QR         | Y   | 109 | Treated            |
| AgVenture      | AV9610           | AM         | Y   | 110 | Treated            |
| AgVenture      | AV9711           | QR         | Y   | 111 | Treated            |
| Augusta        | A1359 VT2P       | VT2P       | N   | 108 | CM,C2              |
| Cornelius      | C6847TRE         | TRE        | N   | 108 | AC,P5              |
| Cornelius      | C6936SS          | STX        | N   | 109 | CM,C2,Vi           |
| Cornelius      | C7021DP          | VT2P       | N   | 110 | AC,P5V,EDC-B       |
| DeKalb         | DKC58-35RIB GC   | VT2P       | Y   | 108 | AC,P5              |
| DeKalb         | DKC59-81RIB GC   | STX        | Y   | 109 | AC,P5,EDC          |
| Dyna-Gro       | D48SS50RIB       | STX        | Y   | 108 | AC,P5V             |
| Dyna-Gro       | D48VC84          | VT2P       | N   | 108 | AC,P5V             |
| Dyna-Gro       | D49VC53          | VT2P       | N   | 109 | AC,P5V             |
| Dyna-Gro       | D51SS61          | STX        | N   | 111 | AC,P5V             |
| Epley          | E1920            | CONV       | N   | 109 | Vi5                |
| Epley          | E2120            | CONV       | N   | 111 | Vi5                |
| Federal        | 58T- C2          | CONV       | N   | 108 | AC,P5V,MAG         |
| Federal        | 5915 VT2P        | VT2P       | Y   | 109 | AC,P2,MAG          |
| FS InVision    | FS 5725X RIB     | STX        | Y   | 107 | AC,P5V             |
| FS InVision    | FS 6017V RIB     | VT2P       | Y   | 110 | AC,P5V             |
| FS InVision    | FS 6025X RIB     | STX        | Y   | 110 | AC,P5V,EDC-EL      |
| FS InVision    | FS 6106X RIB     | STX        | Y   | 111 | AC,P5V             |
| Golden Harvest | G07G73-D         | D          | Y   | 107 | AVC,C2,Vi,Va       |
| Golden Harvest | G10D21-VZ        | VZ         | Y   | 110 | AVC,C2,CM,C5,Vi,Va |
| Hefty          | H5764            | STXP       | N   | 107 | HC                 |
| Hefty          | H5862            | VT2P       | N   | 108 | HC                 |
| Hefty          | H5944            | STX        | N   | 109 | HC                 |
| Hefty          | H5952            | VT2P       | N   | 109 | HC                 |
| Hefty          | H6145 TRERIB     | TRE        | Y   | 111 | HC                 |
| Integra        | 5719 VT2PRIB     | VT2P       | Y   | 107 | AC,P5V,SU+Zn       |
| Integra        | 5802 VT2PRIB     | VT2P       | Y   | 108 | AC,P5V,SU+Zn       |
| Integra        | 6061 STXRIB      | STX        | Y   | 110 | AC,P5V,SU+Zn       |
| Kruger         | K0783DP          | VT2P       | Y   | 107 | AC,P5V,EDC-B       |
| Kruger         | K0858DP          | VT2P       | Y   | 108 | AC,P5V,EDC-B       |
| Kruger         | K0915DD          | VT2PDG     | Y   | 109 | AC,P5V,EDC-B       |
| Kruger         | K1139SS          | STX        | Y   | 111 | AC,P5V,EDC-B       |
| Kruger         | K1191DT          | TRE        | Y   | 111 | AC,P5V,EDC-B       |
| Latham         | LH 5725 VT2P RIB | VT2P       | Y   | 107 | AC,P2              |
| Latham         | LH 5847 VT2P RIB | VT2P       | Y   | 108 | AC,P2              |
| Latham         | LH 5949 SS RIB   | STX        | Y   | 109 | AVC,C2,Vi,Va       |
| Latham         | LH 6097 VT2P RIB | VT2P       | Y   | 110 | AC,P2              |

| Company/Brand   | Brand/Product    | Technology | RIB | RM  | Seed Treat.        |
|-----------------|------------------|------------|-----|-----|--------------------|
| Latham          | LH 6155 VT2P RIB | VT2P       | Y   | 111 | AC,P5V             |
| NK Brand        | NK0748-AA        | AA         | Y   | 107 | AVC,C2,Vi,Va       |
| NK Brand        | NK1026-DVZ       | VZ         | Y   | 110 | AVC,C2,CM,C5,Vi,Va |
| NK Brand        | NK1188-D         | D          | Y   | 111 | AVC,C2,CM,C5,Vi,Va |
| NuTech          | 68A9AM           | AM         | Y   | 108 | Lum, L1            |
| NuTech          | 70A8AM           | AM         | Y   | 110 | Lum, L1            |
| NuTech          | 70B4AM           | AM         | Y   | 110 | Lum, L1            |
| NuTech          | 70F2Q            | QR         | Y   | 110 | Lum, L1            |
| NuTech          | 70F6Q            | QR         | Y   | 110 | Lum, L1            |
| Pioneer         | P0622Q CK        | QR         | Y   | 106 | Lum, L1            |
| Pioneer         | P0953AM GC       | AM         | Y   | 109 | Lum, L1            |
| Pioneer         | P1185AM GC       | AM         | Y   | 111 | Lum                |
| Pioneer         | P1197AM GC       | AM         | Y   | 111 | Lum                |
| Prairie Hybrids | 5141             | CONV       | N   | 109 | MQ,In              |
| Prairie Hybrids | 5142             | CONV       | N   | 109 | MQ,In              |
| Prairie Hybrids | 5883             | CONV       | N   | 109 | PV                 |
| Prairie Hybrids | 6590             | CONV       | N   | 111 | MQ,In              |
| ProHarvest      | 77P44 SSPRORIB   | STXP       | Y   | 107 | AC,P2              |
| ProHarvest      | 79P72 DVZ        | DVZ        | Y   | 109 | AVC,C5,Vi,Va       |
| ProHarvest      | 79P87 SSRIB      | STX        | Y   | 109 | AC,P2              |
| Renk            | RK700SSTX        | STX        | N   | 108 | AC,P5V             |
| Renk            | RK801SSTX        | STX        | N   | 110 | AC,P5V             |
| Renk            | RK805VT2P        | VT2P       | N   | 110 | AC,P2              |
| Renk            | RK821SSTX        | STX        | N   | 111 | AC,P5V             |
| Renk            | RK826VT2P        | VT2P       | N   | 111 | AC,P2              |
| Titan Pro       | 11-11            | CONV       | N   | 111 | CM,C2              |
| Titan Pro       | 23-08            | CONV       | N   | 108 | AC,P5V             |
| Titan Pro       | 92-09            | CONV       | N   | 109 | AC,P2              |
| Titan Pro       | 94-09 2P         | VT2P       | Y   | 109 | AC,P2              |
| Viking          | 48-08            | CONV       | N   | 108 | CM,C2,Sb           |
| Viking          | 85-09            | CONV       | U   | 109 | AC,P5              |
| Wyffels         | W5086RIB         | VT2P       | Y   | 107 | AC,P2              |
| Wyffels         | W5778RIB         | STX        | Y   | 109 | AC,P2              |
| Wyffels         | W6826RIB         | VT2P       | Y   | 111 | AC,P2              |
| Wyffels         | W6935            | TRE        | N   | 111 | AC,P2              |
| Wyffels         | W6978RIB         | STX        | Y   | 111 | AC,P5V             |

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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|    |  |
|----|--|
| ^  | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| CK | Identifies a check product included in early- and full-season tests.   |
| GC | Grower Comparison product included by FIRST when space permits.  |

### Corn Technologies

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|        |   |
|--------|---|
| 3110   | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)   |
| AA     | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120                          |
| AM     | Optimum® AcreMax®   |
| AQ     | Optimum® AQUAmax®   |
| CONV   | Conventional  |
| D      | Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122                |
| DV     | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222     |
| DVZ    | DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332 |
| E      | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)                            |
| PC     | PowerCore™  |
| QR     | Qrome™  |
| STX    | SmartStax®  |
| STXP   | SmartStax® Pro  |
| TRE    | Trecepta®   |
| VT2P   | VT Double PRO®  |
| VT2PDG | VT Double PRO® DroughtGard®   |
| VZ     | Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330                 |

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NOTE: The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*

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|                    |  |
|--------------------|--|
| NA                 | Not Available  |
| AC,P2              | Acceleron® 250   |
| AC,P2,MAG          | Acceleron® 250, Federal ArmourGuard                              |
| AC,P5              | Acceleron® 500   |
| AC,P5,B360         | Acceleron® 500 with BioRise™ B-360 ST                            |
| AC,P5,EDC          | Acceleron® 500, Enhanced Disease Control                         |
| AC,P5V             | Acceleron® Poncho 500/Votivo                                     |
| AC,P5V,EDC-B       | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,EDC-EL      | Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,MAG         | Acceleron® Poncho 500/Votivo, Federal ArmourGuard                |
| AC,P5V,SU+Zn       | Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn               |
| AM,I2              | AmaizeUS-F IM 250  |
| AVC,C2,CM,C5,Vi,Va | Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®      |
| AVC,C2,Vi,Va       | Avicta® Complete 250, Vibrance®, Vayantis®                       |
| AVC,C5,Vi,Va       | Avicta Complete 500, Vibrance, Vayantis                          |
| CM,C2              | CruiserMaxx® 250   |
| CM,C2,Sb           | CruiserMaxx® 250, SabrEx Innoculant                              |
| CM,C2,Vi           | CruiserMaxx® 250 with Vibrance                                   |
| HC                 | Hefty Complete   |
| Lum                | LumiGEN™ (Corteva Agriscience)                                   |
| Lum, L1            | (2022) LumiGEN, Lumisure 1250                                    |
| MQ,In              | Maxim Quattro, Intego Vigor                                      |
| PV                 | Poncho, Votivo   |
| Treated            | Treated seed, unspecified  |
| Vi5                | Vibrance® Cinco  |

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\* Seed treatments may include unspecified plant health promoting components.