

Test by: MNS Seed Testing, LLC New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] IRENE, SD  
Eric Mellum, Clay County, SD

|                               |   |
|-------------------------------|---|
| <b>Early-Season Test</b>      | 98 - 102 Day CRM<br>B2021SDSE11a  |
| <b>Top 30 of 60</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (4) Replications                      |
| <b>PREV. CROP/HERB:</b>       | Soybeans / Authority First, Dual,<br>Marvel, Harass, Clethodim,<br>Maravisneo, Bifenthrin |
| <b>SOIL DESCRIPTION:</b>      | Clarno-Bonilla loam, moderately<br>drained, non-irrigated                                 |
| <b>SOIL CONDITION:</b>        | Conventional W/ Fall Till, high P,<br>very high K, 6.7 pH, 3.4% OM,<br>18.8 CEC           |
| <b>PEST MANAGEMENT:</b>       | Impact, Atrazine, Dual  |
| <b>FERTILITY - Applied N:</b> | 100 Spring, 107 Sidedress   |
| <b>Applied N-P-K (units):</b> | 207-140-140   |
| <b>SEEDED - RATE - ROW:</b>   | May 16 32.0 /A 30" spacing  |
| <b>HARVESTED - STAND:</b>     | Nov 4 31.0 /A   |

### TEST COMMENTS:

Last fall the tillage was done with a ripper. With a dry winter and spring, the soil was dry and we waited to plant until this area had some rain. Shortly after a rain event we planted and had enough moisture so germination was not a big issue. The summer was hot and dry and spotty rains missed this site. The post emerge herbicide was applied in June and wasn't as effective as hoped, so weed pressure was present at harvest. At harvest, we found some stalk lodging and yield loss. The impact of drought at this site was the most noticeable of all FIRST South Dakota corn plots this year. One replicate in the full-season test was dropped due to higher yield variation.

| Company/Brand        | Product/Brand        | Technol.† | RM  | Yield Bu/A ↓                         | Moisture %   | Lodging %   | Stand (x 1000) | Gross Income \$/Acre | Rank       |  |
|----------------------|----------------------|-----------|-----|--------------------------------------|--------------|-------------|----------------|----------------------|------------|--|
| Innotech             | IC5267-3120-EZ ↗     | 3120      | 102 | <b>151.0</b>                         | 14.1         | 15          | 31.9           | 755                  | 1          |  |
| Dairyland            | DS-4014Q ↗           | QR        | 100 | <b>136.1</b>                         | 14.3         | 6           | 31.6           | 680                  | 2          |  |
| Viking               | 52-00 ↗              | CONV      | 100 | <b>133.4</b>                         | 14.3         | 6           | 30.5           | 667                  | 3          |  |
| Latham               | LH 5245 VT2P RIB ↗   | VT2P      | 102 | <b>131.2</b>                         | 14.6         | 13          | 31.9           | 656                  | 4          |  |
| Wyffels              | W2506RIB ↗           | VT2P      | 101 | <b>130.3</b>                         | 14.6         | 16          | 30.9           | 652                  | 5          |  |
| Dyna-Gro             | D43VC81 ↗            | VT2P      | 102 | <b>129.7</b>                         | 14.1         | 7           | 31.6           | 648                  | 6          |  |
| Hi Fidelity Genetics | HFG1002 ↗            | CONV      | 100 | <b>128.8</b>                         | 14.6         | 26          | 31.2           | 644                  | 7          |  |
| Latham               | LH 5159 SS RIB ↗     | STX       | 101 | 126.4                                | 14.7         | 11          | 30.1           | 632                  | 9          |  |
| Integra              | 4702 VT2PRIB ↗       | VT2P      | 97  | 126.3                                | 14.5         | 25          | 29.5           | 632                  | 10         |  |
| Wyffels              | W2648 ↗              | STX       | 101 | 125.1                                | 14.5         | 15          | 31.6           | 626                  | 11         |  |
| Renk                 | RK579DGV2P ↗         | VT2PDG    | 99  | 121.6                                | 14.3         | 16          | 31.9           | 608                  | 12         |  |
| Heine                | 7275TRE ↗            | TRE       | 102 | 119.9                                | 14.5         | 5           | 31.9           | 600                  | 13         |  |
| NK Brand             | NK0243-5122 EZR ↗    | 5122      | 102 | 119.9                                | 14.2         | 6           | 31.6           | 600                  | 14         |  |
| Viking               | 44-98 ↗              | CONV      | 98  | 119.6                                | 13.9         | 5           | 31.6           | 598                  | 15         |  |
| Wyffels              | W2016 ↗              | VT2P      | 98  | 119.5                                | 14.2         | 30          | 31.9           | 598                  | 16         |  |
| Heine                | 7320PC ↗             | PC        | 102 | 117.3                                | 14.4         | 33          | 30.1           | 586                  | 17         |  |
| Latham               | LH 5025 VT2PDG RIB ↗ | VT2PDG    | 100 | 116.0                                | 14.3         | 18          | 31.2           | 580                  | 18         |  |
| Titan Pro            | 84-01 ↗              | CONV      | 101 | 115.7                                | 14.7         | 6           | 29.0           | 578                  | 19         |  |
| Thunder              | T8100 SS ↗           | STX       | 100 | 113.5                                | 14.5         | 11          | 31.9           | 568                  | 20         |  |
| Dairyland            | DS-4000AMXT ↗        | AMXT      | 100 | 113.3                                | 14.6         | 6           | 30.1           | 566                  | 21         |  |
| Dairyland            | DS-4018AM ↗          | AM        | 101 | 113.1                                | 14.7         | 13          | 31.6           | 566                  | 22         |  |
| Dairyland            | DS-3959Q ↗           | QR        | 99  | 112.4                                | 14.3         | 7           | 31.2           | 562                  | 23         |  |
| Rob-See-Co           | RC4817-CONV ↗        | CONV      | 98  | 112.1                                | 14.2         | 7           | 31.2           | 560                  | 24         |  |
| NK Brand             | NK9991-5122 EZR ↗    | 5122      | 99  | 110.7                                | 14.6         | 8           | 31.6           | 554                  | 25         |  |
| Hefty                | H4933 RIB ↗          | VT2PDG    | 99  | 110.5                                | 14.5         | 8           | 30.5           | 552                  | 26         |  |
| Integra              | 5052 VT2PRIB ↗       | VT2P      | 100 | 110.4                                | 14.3         | 7           | 31.2           | 552                  | 27         |  |
| Latham               | LH 4957 VT2P RIB ↗   | VT2P      | 99  | 110.3                                | 14.4         | 20          | 30.1           | 552                  | 28         |  |
| Heine                | 6575VT2PRO ↗         | VT2P      | 99  | 109.3                                | 14.5         | 37          | 31.2           | 546                  | 29         |  |
| Heine                | 7010VT2PRIB ↗        | VT2P      | 100 | 109.0                                | 14.5         | 45          | 31.2           | 545                  | 30         |  |
| Hefty                | H4842 RIB ↗          | VT2P      | 98  | 108.8                                | 14.7         | 10          | 31.9           | 544                  | 31         |  |
| REA                  | 5B994 CK             | VT2P      | 99  | 128.3                                | 14.6         | 4           | 31.9           | 641                  | 8          |  |
|                      |                      |           |     | <b>Averages =</b>                    | <b>109.9</b> | <b>14.4</b> | <b>17</b>      | <b>31.0</b>          | <b>549</b> |  |
|                      |                      |           |     | <b>LSD (0.10) =</b>                  | 17.2         | ns          | 12             |                      |            |  |
|                      |                      |           |     | <b>LSD (0.25) =</b>                  | 9.0          | ns          | 6              |                      |            |  |
|                      |                      |           |     | <b>C.V. =</b>                        | 17.2         |             |                |                      |            |  |
|                      |                      |           |     | Historic yield: 235.64 bu/a, 1 yr(s) |              |             |                |                      |            |  |

*Mark Tollefson*

Mark Tollefson

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### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.035 Prices: GMO = \$5.00

Report Date: 11/05/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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South Dakota Southeast [SDSE] IRENE, SD  
Eric Mellum, Clay County, SD

**Full-Season Test** 103 - 107 Day CRM  
B2021SDSE11b

**Top 30 of 60** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Authority First, Dual,  
Marvel, Harass, Clethodim,  
Maravisneo, Bifenthrin

**SOIL DESCRIPTION:** Clarno-Bonilla loam, moderately  
drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, high P,  
very high K, 6.7 pH, 3.4% OM,  
18.8 CEC

**PEST MANAGEMENT:** Impact, Atrazine, Dual

**FERTILITY - Applied N:** 100 Spring, 107 Sidedress

**Applied N-P-K (units):** 207-140-140

**SEEDED - RATE - ROW:** May 16 32.0 /A 30" spacing

**HARVESTED - STAND:** Nov 4 30.1 /A

### TEST COMMENTS:

Last fall the tillage was done with a ripper. With a dry winter and spring, the soil was dry and we waited to plant until this area had some rain. Shortly after a rain event we planted and had enough moisture so germination was not a big issue. The summer was hot and dry and spotty rains missed this site. The post emerge herbicide was applied in June and wasn't as effective as hoped, so weed pressure was present at harvest. At harvest, we found some stalk lodging and yield loss. The impact of drought at this site was the most noticeable of all FIRST South Dakota corn plots this year. One replicate in the full-season test was dropped due to higher yield variation.

| Company/Brand  | Product/Brand      | Technol.† | RM  | Yield Bu/A ↓                         | Moisture %   | Lodging %   | Stand (x 1000) | Gross Income \$/Acre | Rank       |  |
|----------------|--------------------|-----------|-----|--------------------------------------|--------------|-------------|----------------|----------------------|------------|--|
| Dairyland      | DS-4310AM ↗        | AM        | 103 | <b>137.3</b>                         | 15.5         | 1           | 30.5           | 684                  | 1          |  |
| Golden Harvest | G07G73-5122 EZR ↗  | 5122      | 107 | <b>133.0</b>                         | 15.5         | 14          | 29.5           | 663                  | 2          |  |
| Rob-See-Co     | RC5460-3000GT ↗    | 3000GT    | 104 | <b>132.5</b>                         | 14.6         | 31          | 30.5           | 662                  | 3          |  |
| REA            | 6B043 ↗            | VT2P      | 104 | <b>132.0</b>                         | 14.7         | 8           | 30.0           | 660                  | 4          |  |
| Latham         | LH 5487 VT2P RIB ↗ | VT2P      | 104 | <b>130.8</b>                         | 15.8         | 5           | 30.0           | 650                  | 5          |  |
| Viking         | 51-04 ↗            | CONV      | 104 | <b>129.2</b>                         | 15.7         | 33          | 29.0           | 643                  | 6          |  |
| NK Brand       | NK0748-5122 EZR ↗  | 5122      | 107 | <b>129.1</b>                         | 16.0         | 22          | 30.0           | 641                  | 7          |  |
| Rob-See-Co     | RC5510-3220 ↗      | 3220      | 105 | 127.7                                | 14.9         | 22          | 30.5           | 638                  | 8          |  |
| Renk           | RK625DGV2P ↗       | VT2PDG    | 104 | 127.3                                | 15.0         | 27          | 30.0           | 636                  | 9          |  |
| Titan Pro      | 24-04 ↗            | CONV      | 104 | 125.8                                | 15.1         | 45          | 30.0           | 629                  | 10         |  |
| Wyffels        | W4246RIB ↗         | VT2P      | 105 | 125.7                                | 15.4         | 7           | 29.5           | 627                  | 12         |  |
| Thunder        | T6004 VT2P ↗       | VT2P      | 104 | 125.6                                | 14.7         | 10          | 30.0           | 628                  | 11         |  |
| Renk           | RK642VT2P ↗        | VT2P      | 103 | 125.1                                | 15.1         | 25          | 29.0           | 625                  | 13         |  |
| Hefty          | H5212 RIB ↗        | VT2P      | 102 | 119.6                                | 14.8         | 14          | 30.5           | 598                  | 14         |  |
| Wyffels        | W4588 ↗            | STX       | 105 | 117.9                                | 14.6         | 4           | 30.0           | 590                  | 15         |  |
| Wyffels        | W5086RIB ↗         | VT2P      | 107 | 117.5                                | 15.8         | 6           | 29.5           | 584                  | 16         |  |
| Integra        | 5719 VT2PRIB ↗     | VT2P      | 107 | 116.3                                | 15.9         | 25          | 28.6           | 578                  | 17         |  |
| Hefty          | H5442 RIB ↗        | VT2P      | 104 | 115.6                                | 15.4         | 34          | 30.5           | 576                  | 18         |  |
| Latham         | LH 5377 VT2P RIB ↗ | VT2P      | 103 | 115.1                                | 14.9         | 18          | 30.5           | 576                  | 19         |  |
| Heine          | 7520STX ↗          | STX       | 105 | 114.2                                | 14.7         | 17          | 30.5           | 571                  | 20         |  |
| Dairyland      | DS-4440AM ↗        | AM        | 104 | 114.1                                | 16.0         | 13          | 30.0           | 567                  | 22         |  |
| Heine          | 7730VT2PRO ↗       | VT2P      | 107 | 113.8                                | 15.9         | 12          | 30.0           | 565                  | 23         |  |
| Viking         | 72-06 ↗            | CONV      | 106 | 111.5                                | 15.2         | 30          | 30.5           | 557                  | 24         |  |
| Thunder        | T6204 VT2P ↗       | VT2P      | 104 | 111.4                                | 15.3         | 38          | 30.0           | 556                  | 26         |  |
| Golden Harvest | G05K08-5122A EZR ↗ | 5122A     | 105 | 111.4                                | 15.1         | 23          | 30.5           | 557                  | 25         |  |
| Hefty          | H5655 ↗            | TRE       | 106 | 110.9                                | 14.3         | 30          | 30.0           | 554                  | 27         |  |
| Golden Harvest | G03R40-5222 EZR ↗  | 5222      | 103 | 110.9                                | 14.9         | 6           | 31.4           | 554                  | 28         |  |
| Epley          | E1530 ↗            | CONV      | 105 | 110.7                                | 15.2         | 17          | 30.5           | 553                  | 29         |  |
| Latham         | LH 5517 VT2P RIB ↗ | VT2P      | 105 | 109.3                                | 15.9         | 50          | 27.6           | 543                  | 30         |  |
| REA            | 6A055 ↗            | STX       | 105 | 108.6                                | 15.9         | 13          | 29.5           | 540                  | 31         |  |
| REA            | 5B994 CK           | VT2P      | 99  | 113.6                                | 14.9         | 36          | 30.0           | 568                  | 21         |  |
|                |                    |           |     | <b>Averages =</b>                    | <b>107.6</b> | <b>15.4</b> | <b>24</b>      | <b>30.1</b>          | <b>537</b> |  |
|                |                    |           |     | <b>LSD (0.10) =</b>                  | 20.7         | 0.6         | 18             |                      |            |  |
|                |                    |           |     | <b>LSD (0.25) =</b>                  | 10.9         | 0.3         | 9              |                      |            |  |
|                |                    |           |     | <b>C.V. =</b>                        | 18.3         |             |                |                      |            |  |
|                |                    |           |     | Historic yield: 235.64 bu/a, 1 yr(s) |              |             |                |                      |            |  |

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.2

Drying = \$0.035

Prices: GMO = \$5.00

Report Date: 11/05/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

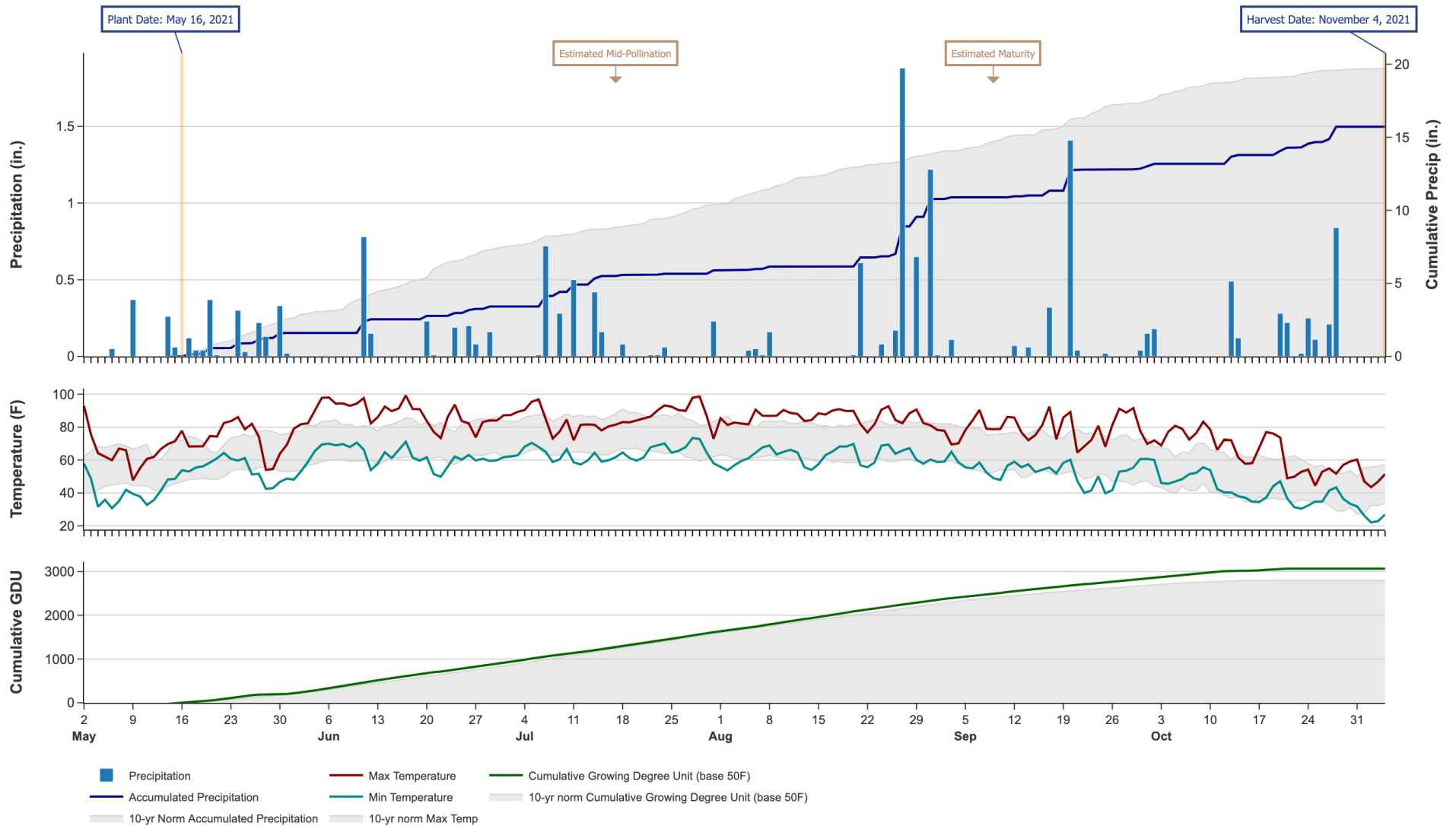
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# 2021 Corn - South Dakota Southeast [ SDSE ]

## Weather Conditions Summary at IRENE, SD

| Monthly Total               | May*             | Jun              | Jul              | Aug              | Sep              | Oct              | Nov*             | Total              |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in)   Normal (Diff) | 2.4   3.9 (-1.6) | 1.8   4.8 (-3.0) | 2.5   3.0 (-0.5) | 4.9   3.5 (+1.4) | 2.1   3.5 (-1.4) | 2.9   2.3 (+0.6) | 0.0   0.1 (-0.1) | 16.5   21.1 (-4.6) |
| GDU   Normal (Diff)         | 299   321 (-22)  | 682   626 (+55)  | 730   759 (-29)  | 723   664 (+58)  | 503   443 (+59)  | 223   114 (+108) | 0   0 (0)        | 3160   2930 (+229) |



\* 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.

## 2021 Corn - South Dakota Southeast [ SDSE ]

### Early-Season Test Products (60 Total)

| Company/Brand        | Product/Brand      | Technology | RIB | RM  | Seed Treat.  |
|----------------------|--------------------|------------|-----|-----|--------------|
| Dairyland            | DS-3959Q           | QR         | Y   | 99  | Lum,P1V      |
| Dairyland            | DS-4000AMXT        | AMXT       | Y*  | 100 | Lum,P1V      |
| Dairyland            | DS-4014Q           | QR         | Y   | 100 | Lum,P1V      |
| Dairyland            | DS-4018AM          | AM         | Y   | 101 | Lum,P1V      |
| DenBesten            | DB32-00            | CONV       | N   | 100 | Treated      |
| Dyna-Gro             | D40VC41            | VT2P       | N   | 100 | AC,P5V       |
| Dyna-Gro             | D43VC81            | VT2P       | N   | 102 | AC,P5V       |
| Enestvedt            | E600DP RIB         | VT2P       | Y   | 99  | AC250        |
| Golden Harvest       | G02K39-3120 EZR    | 3120       | Y   | 102 | AVC,C2,Vi    |
| Golden Harvest       | G99E68-5122 EZR    | 5122       | Y   | 99  | AVC,C2,Vi    |
| Hefty                | H4842 RIB          | VT2P       | Y   | 98  | HC           |
| Hefty                | H4933 RIB          | VT2PDG     | Y   | 99  | HC           |
| Hefty                | H4942 RIB          | VT2P       | Y   | 99  | HC           |
| Hefty                | H5055              | TRE        | N   | 100 | HC           |
| Hefty                | H5132 RIB          | VT2P       | Y   | 101 | HC           |
| Heine                | 6575VT2PRO         | VT2P       | N   | 99  | AC,P5V,EDC-B |
| Heine                | 6650TRE            | TRE        | N   | 99  | AC,P5        |
| Heine                | 7010VT2PRIB        | VT2P       | Y   | 100 | CM,C2        |
| Heine                | 7275TRE            | TRE        | N   | 102 | AC,P5V,EDC-B |
| Heine                | 7320PC             | PC         | N   | 102 | CM,C5        |
| Hi Fidelity Genetics | HFG1002            | CONV       | N   | 100 | AC250        |
| Innotech             | IC4881-5122-EZ     | 5122       | Y   | 98  | AVC,C2,Vi    |
| Innotech             | IC4952-3010        | 3010       | N   | 99  | AVC,C2,Vi    |
| Innotech             | IC5267-3120-EZ     | 3120       | Y   | 102 | AVC,C2,Vi    |
| Integra              | 4702 VT2PRIB       | VT2P       | Y   | 97  | AC,P5V,EDC-B |
| Integra              | 5052 VT2PRIB       | VT2P       | Y   | 100 | AC,P5V,EDC-B |
| Integra              | 5280 VT2PRIB       | VT2P       | Y   | 102 | AC,P2,SU     |
| Latham               | LH 4957 VT2P RIB   | VT2P       | Y   | 99  | AC,P5V,EDC-B |
| Latham               | LH 5025 VT2PDG RIB | VT2PDG     | Y   | 100 | AC,P2        |
| Latham               | LH 5159 SS RIB     | STX        | Y   | 101 | AC,P5        |
| Latham               | LH 5209 5222-EZ    | 5222       | Y   | 102 | AVC,C5       |
| Latham               | LH 5245 VT2P RIB   | VT2P       | Y   | 102 | AC,P2        |
| Miller Hybrids       | M98-70             | CONV       | N   | 98  | MSC,FL,V-34  |
| Miller Hybrids       | RX97-40            | CONV       | N   | 97  | MSC          |
| NK Brand             | NK0243-5122 EZR    | 5122       | Y   | 102 | AVC,C2,Vi    |
| NK Brand             | NK9930-5122 EZR    | 5122       | Y   | 99  | AVC,C2,Vi    |
| NK Brand             | NK9991-5122 EZR    | 5122       | Y   | 99  | AVC,C2,Vi    |
| REA                  | 5A013              | STX        | Y   | 101 | AC,P5,B360   |
| REA                  | 5B012              | VT2P       | Y   | 101 | AC,P5,B360   |
| REA                  | 5B984              | VT2P       | Y   | 98  | AC,P5,B360   |
| REA                  | 5B994 CK           | VT2P       | Y   | 99  | AC,P5,B360   |
| Renk                 | RK579DGV2P         | VT2PDG     | Y   | 99  | AC,P2        |

| Company/Brand | Brand/Product | Technology | RIB | RM  | Seed Treat. |
|---------------|---------------|------------|-----|-----|-------------|
| Renk          | RK590VT2P     | VT2P       | N   | 98  | AC,P5V      |
| Renk          | RK600VT2P     | VT2P       | N   | 100 | AC,P2       |
| Rob-See-Co    | RC4817-CONV   | CONV       | N   | 98  | Treated     |
| Rob-See-Co    | RC5142-3110   | 3110       | N   | 101 | CM,C2,Vi    |
| Thunder       | T6100 VT2P    | VT2P       | Y   | 100 | AC,P2       |
| Thunder       | T6298 VT2P    | VT2P       | Y   | 98  | AC,P5,B360  |
| Thunder       | T6902 VT2P    | VT2P       | Y   | 102 | CM,C2,Vi    |
| Thunder       | T6999 VT2P    | VT2P       | Y   | 99  | AC,P2       |
| Thunder       | T8100 SS      | STX        | Y   | 100 | AC,P5       |
| Titan Pro     | 84-01         | CONV       | N   | 101 | AC,P2       |
| Titan Pro     | 92-99 2P      | VT2P       | Y   | 99  | AC,P2       |
| Viking        | 44-98         | CONV       | N   | 98  | CM,C2,Sb    |
| Viking        | 46-02         | CONV       | N   | 102 | CM,C2,Sb    |
| Viking        | 52-00         | CONV       | N   | 100 | CM,C2,Sb    |
| Wyffels       | W2016         | VT2P       | N   | 98  | AC,P2       |
| Wyffels       | W2236RIB      | VT2P       | Y   | 99  | AC,P2       |
| Wyffels       | W2506RIB      | VT2P       | Y   | 101 | AC,P2       |
| Wyffels       | W2648         | STX        | N   | 101 | 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.

## 2021 Corn - South Dakota Southeast [ SDSE ]

### Full-Season Test Products (60 Total)

| Company/Brand        | Product/Brand    | Technology | RIB | RM  | Seed Treat.  |
|----------------------|------------------|------------|-----|-----|--------------|
| Dairyland            | DS-4310AM        | AM         | Y   | 103 | Lum,P1V      |
| Dairyland            | DS-4440AM        | AM         | Y   | 104 | Lum,P5V      |
| DenBesten            | DB32-02          | CONV       | N   | 102 | Treated      |
| DenBesten            | DB38-06          | CONV       | N   | 106 | Treated      |
| Enestvedt            | E539             | CONV       | N   | 103 | CM,C2,Vi     |
| Enestvedt            | E598             | CONV       | N   | 106 | AC250        |
| Epley                | E1530            | CONV       | N   | 105 | Treated      |
| Federal              | 5445 RR2         | RR2        | N   | 104 | AC,P2,MAG    |
| Federal              | 5610 PCE         | PC,E       | N   | 106 | AC,P5V,MAG   |
| Golden Harvest       | G03R40-5222 EZR  | 5222       | Y   | 103 | AVC,C2,Vi    |
| Golden Harvest       | G05K08-5122A EZR | 5122A      | Y   | 105 | AVC,C2,Vi    |
| Golden Harvest       | G07G73-5122 EZR  | 5122       | Y   | 107 | AVC,C2,Vi    |
| Hefty                | H5212 RIB        | VT2P       | Y   | 102 | HC           |
| Hefty                | H5432 RIB        | VT2P       | Y   | 104 | HC           |
| Hefty                | H5442 RIB        | VT2P       | Y   | 104 | HC           |
| Hefty                | H5444            | STX        | N   | 104 | HC           |
| Hefty                | H5655            | TRE        | N   | 106 | HC           |
| Heine                | 7450VT2PRO       | VT2P       | Y   | 104 | AC250        |
| Heine                | 7520STX          | STX        | N   | 105 | AC,P5        |
| Heine                | 7570STX          | STX        | N   | 105 | AC,P5V,EDC-B |
| Heine                | 7650VT2PRO       | VT2P       | N   | 106 | AC,P5        |
| Heine                | 7730VT2PRO       | VT2P       | N   | 107 | AC,P5V,EDC-B |
| Hi Fidelity Genetics | HFG1051          | CONV       | N   | 105 | CM,C2        |
| Hi Fidelity Genetics | HFG1071          | CONV       | N   | 105 | C2           |
| Innotech             | IC5480-3111A     | 3111A      | N   | 104 | AVC,C2,Vi    |
| Integra              | 5529 VT2PRIB     | VT2P       | Y   | 105 | AC,P2,SU     |
| Integra              | 5682 VT2PRIB     | VT2P       | Y   | 106 | AC,P5V,EDC-B |
| Integra              | 5719 VT2PRIB     | VT2P       | Y   | 107 | AC,P2,SU     |
| Latham               | LH 5377 VT2P RIB | VT2P       | Y   | 103 | AC,P2        |
| Latham               | LH 5487 VT2P RIB | VT2P       | Y   | 104 | AC,P2        |
| Latham               | LH 5517 VT2P RIB | VT2P       | Y   | 105 | AC,P2        |
| Latham               | LH 5646 PCE      | PC,E       | N   | 106 | CM,C2,Vi     |
| Miller Hybrids       | M06-62           | CONV       | N   | 105 | MSC          |
| Miller Hybrids       | M09-01           | CONV       | N   | 108 | MSC          |
| Miller Hybrids       | RX03-47          | CONV       | N   | 103 | MSC          |
| NK Brand             | NK0314-5122 EZR  | 5122       | Y   | 103 | AVC,C2,Vi    |
| NK Brand             | NK0624-5222 EZR  | 5222       | Y   | 106 | AVC,C2,Vi    |
| NK Brand             | NK0748-5122 EZR  | 5122       | Y   | 107 | AVC,C2,Vi    |
| Pioneer              | P0421Q GC        | QR         | Y   | 104 | Lum          |
| REA                  | 5B994 CK         | VT2P       | Y   | 99  | AC,P5,B360   |
| REA                  | 6A055            | STX        | Y   | 105 | AC,P5,B360   |
| REA                  | 6B043            | VT2P       | Y   | 104 | AC,P5,B360   |

| Company/Brand | Brand/Product | Technology | RIB | RM  | Seed Treat. |
|---------------|---------------|------------|-----|-----|-------------|
| REA           | 6D054         | VT2PDG     | Y   | 105 | AC,P5,B360  |
| Renk          | RK625DGVT2P   | VT2PDG     | N   | 104 | AC,P5V      |
| Renk          | RK642VT2P     | VT2P       | Y   | 103 | AC,P2       |
| Renk          | RK710DGVT2P   | VT2PDG     | Y   | 107 | AC,P2       |
| Rob-See-Co    | RC5323-3110   | 3110       | N   | 103 | CM,C2,Vi    |
| Rob-See-Co    | RC5460-3000GT | 3000GT     | N   | 104 | CM,C2,Vi    |
| Rob-See-Co    | RC5510-3220   | 3220       | Y   | 105 | CM,C2,Vi    |
| Thunder       | T6004 VT2P    | VT2P       | Y   | 104 | AC,P2       |
| Thunder       | T6107 VT2P    | VT2P       | Y   | 107 | AC,P2       |
| Thunder       | T6204 VT2P    | VT2P       | Y   | 104 | AC,P5,B360  |
| Titan Pro     | 24-04         | CONV       | N   | 104 | AC,P2       |
| Viking        | 51-04         | CONV       | N   | 104 | CM,C2,Sb    |
| Viking        | 72-06         | CONV       | N   | 106 | CM,C2,Sb    |
| Viking        | 84-05         | CONV       | N   | 105 | CM,C2,Sb    |
| Wyffels       | W4196RIB      | VT2P       | Y   | 105 | AC,P2       |
| Wyffels       | W4246RIB      | VT2P       | Y   | 105 | AC,P2       |
| Wyffels       | W4588         | STX        | N   | 105 | P5V         |
| Wyffels       | W5086RIB      | VT2P       | Y   | 107 | 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.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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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|        |  |
|--------|--|
| 3000GT | Agrisure® 3000GT                                     |
| 3010   | Agrisure® 3010                                       |
| 3110   | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)              |
| 3111A  | Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)  |
| 3120   | Agrisure® 3120 (CB,HX,LL,GT)                         |
| 3220   | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)            |
| 5122   | Agrisure® Duracade™ 5122                             |
| 5122A  | Agrisure® Duracade™ Artesian® 5122                   |
| 5222   | Agrisure® Duracade™ 5222                             |
| AM     | Optimum® AcreMax®                                    |
| AMXT   | Optimum® AcreMax® Xtreme                             |
| CONV   | Conventional   |
| E      | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) |
| PC     | PowerCore™   |
| QR     | Qrome™   |
| RR2    | Roundup Ready® 2 Corn                                |
| STX    | SmartStax®   |
| TRE    | Genuity® Trecepta™                                   |
| VT2P   | Genuity® VT Double PRO®                              |
| VT2PDG | Genuity® VT Double PRO® DroughtGard®                 |

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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   |
| AC250        | Acceleron® 250  |
| AC,P2        | Acceleron® 250  |
| AC,P2,MAG    | Acceleron® 250, Federal ArmourGuard   |
| AC,P2,SU     | Acceleron® 250, StepUp  |
| AC,P5        | Acceleron® 500  |
| AC,P5,B360   | Acceleron® 500 with BioRise™ B-360 ST                                       |
| AC,P5V       | Acceleron® Poncho 500/Votivo  |
| AC,P5V,EDC-B | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control            |
| AC,P5V,MAG   | Acceleron® Poncho 500/Votivo, Federal ArmorGuard                            |
| AVC,C2,Vi    | Avicta® Complete 250, Vibrance®   |
| AVC,C5       | Avicta® Complete 500  |
| C2           | Cruiser 250   |
| CM,C2        | CruiserMaxx® 250  |
| CM,C2,Sb     | CruiserMaxx® 250, SabrEx Innoculant   |
| CM,C2,Vi     | CruiserMaxx® 250 with Vibrance  |
| CM,C5        | Cruisermaxx® 500  |
| HC           | Hefty Complete  |
| Lum          | LumiGEN™ (Corteva Agriscience)  |
| Lum,P1V      | LumiGEN™ Poncho 1250/Votivo   |
| Lum,P5V      | LumiGEN™ Poncho 500/Votivo  |
| MSC          | Miller Hybrids ShieldCoat™ with Vertex                                      |
| MSC,FL,V-34  | Miller Hybrids ShieldCoat™ with Vertex, STartUP™ FLUDI, STartUP™ Vitavax-34 |
| P5V          | Poncho 500/Votivo   |
| Treated      | Treated seed, unspecified   |

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