

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

## 2019 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD  
Floyd Snoozy, Minnehaha County, SD 57018

|                               |  |
|-------------------------------|--|
| <b>Early-Season Test</b>      | 98 - 102 Day CRM<br>B2019SDSE07a   |
| <b>Top 30 of 60</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (4) Replications                 |
| <b>PREV. CROP/HERB:</b>       | Soybean / Roundup, Authority   |
| <b>SOIL DESCRIPTION:</b>      | Ethan-Egan silty clay loam, well<br>drained, non-irrigated                           |
| <b>SOIL CONDITION:</b>        | Conventional W/ Fall Till, very high<br>P, very high K, 7.5 pH, 4.3% OM,<br>24.1 CEC |
| <b>PEST MANAGEMENT:</b>       | Force, Harness, Atrazine, Bellum,<br>Laudis  |
| <b>FERTILITY - Applied N:</b> | 130 Spring, 23 Foliar Rescue   |
| <b>Applied N-P-K (units):</b> | 153-125-150  |
| <b>SEEDING - RATE - ROW:</b>  | May 7 32.5 /A 30" spacing  |
| <b>HARVESTED - STAND:</b>     | Oct 28 32.7 /A   |

### TEST COMMENTS:

*This site is well drained, and we were fortunate to plant in May in the short window we had. The plot looked good early but a hail storm June 11 with 1.55 inches of rain caused some damage to the corn. Harvest conditions were good, and the corn stood well. About half of the 4th replicate data in the full-season test was lost to a computer issue in the field, so some hybrids have 3 replicates.*

| Company/Brand  | Product/Brand   | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| LATHAM         | LH4937VT2PRIB   | VT2P,B    | 99  | <b>260.4</b> | 21.7       | 1         | 33.0           | 851                  | 1    |
| RENK           | RK579DGV2P      | VT2P,DG,B | 98  | <b>254.2</b> | 22.5       | 1         | 33.4           | 820                  | 2    |
| HEFTY          | H4922VT2PRIB    | VT2P,B    | 99  | <b>249.5</b> | 21.6       | 1         | 31.9           | 816                  | 3    |
| HEFTY          | H4933VT2PDGRIB  | VT2P,DG,B | 99  | <b>246.8</b> | 22.9       | 1         | 33.0           | 791                  | 7    |
| HEINE          | 6500VT2PRO      | VT2P      | 99  | <b>245.7</b> | 21.7       | 1         | 33.0           | 803                  | 5    |
| THUNDER        | 6999 VT2P       | VT2P,B    | 99  | <b>245.3</b> | 20.9       | 1         | 33.0           | 811                  | 4    |
| TITAN PRO      | 84-01           | None      | 101 | <b>243.6</b> | 24.7       | 1         | 32.7           | 759                  | 11   |
| VIKING         | 44-98           | None      | 98  | <b>242.4</b> | 21.3       | 2         | 33.0           | 796                  | 6    |
| HEFTY          | H5212VT2PRIB    | VT2P,B    | 102 | <b>239.9</b> | 24.5       | 1         | 33.0           | 750                  | 15   |
| LATHAM         | LH5245VT2PRIB   | VT2P,B    | 102 | <b>239.0</b> | 24.2       | 2         | 33.4           | 751                  | 14   |
| MILLER HYBRIDS | M98-70          | None      | 99  | <b>237.7</b> | 22.2       | 1         | 32.3           | 771                  | 8    |
| VIKING         | 99-00           | None      | 100 | <b>235.1</b> | 22.3       | 1         | 32.3           | 761                  | 9    |
| NK BRAND       | NK9930-3010     | 3010      | 99  | <b>234.1</b> | 22.6       | 1         | 32.7           | 754                  | 12   |
| THUNDER        | 6902 VT2P       | VT2P,B    | 102 | <b>232.3</b> | 24.9       | 1         | 31.9           | 721                  | 24   |
| VIKING         | 46-96           | None      | 96  | <b>232.1</b> | 21.5       | 1         | 33.4           | 761                  | 10   |
| WYFFELS        | W2196RIB        | VT2P,B    | 99  | <b>231.6</b> | 22.1       | 1         | 33.4           | 752                  | 13   |
| HEINE          | EXP 7010        | VT2P      | 100 | <b>231.3</b> | 24.1       | 2         | 33.0           | 727                  | 23   |
| HEFTY          | H5132VT2P       | VT2P      | 101 | <b>231.0</b> | 22.7       | 1         | 33.4           | 742                  | 16   |
| EPLEY          | E1040           | None      | 100 | 229.8        | 22.5       | 3         | 33.4           | 741                  | 18   |
| WYFFELS        | W2506RIB        | VT2P,B    | 101 | 228.6        | 24.4       | 1         | 32.7           | 716                  | 26   |
| THUNDER        | 6098 VT2P       | VT2P,B    | 98  | 228.0        | 21.9       | 1         | 32.3           | 742                  | 17   |
| DAIRYLAND      | DS-3810AM       | AM        | 98  | 227.9        | 22.6       | 1         | 29.8           | 734                  | 19   |
| DAIRYLAND      | DS-4019AM       | AM,B      | 99  | 224.7        | 21.7       | 1         | 32.3           | 734                  | 20   |
| TITAN PRO      | 70-98           | None      | 98  | 223.8        | 22.0       | 1         | 33.4           | 728                  | 22   |
| VIKING         | 55-02           | None      | 102 | 223.6        | 25.1       | 2         | 32.7           | 692                  | 30   |
| DAIRYLAND      | DS-3715AM       | AM,B      | 98  | 222.8        | 21.5       | 1         | 32.7           | 729                  | 21   |
| NK BRAND       | NK0243-3120-EZR | 3120,B    | 102 | 222.6        | 24.6       | 2         | 31.9           | 694                  | 29   |
| GOLDEN HARVEST | G00H12-3010     | 3010      | 100 | 221.7        | 22.3       | 2         | 33.0           | 717                  | 25   |
| WYFFELS        | W1636RIB        | VT2P,B    | 96  | 221.2        | 22.4       | 2         | 33.0           | 714                  | 27   |
| LATHAM         | LH4830          | None      | 98  | 220.3        | 22.2       | 3         | 33.4           | 714                  | 28   |
| DEKALB         | DKC55-53RIB CK  | STX,B     | 105 | 224.0        | 29.8       | 3         | 32.3           | 641                  | 42   |



Mark Tollefson

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|              |              |             |          |             |            |
|--------------|--------------|-------------|----------|-------------|------------|
| Averages =   | <b>215.0</b> | <b>23.8</b> | <b>2</b> | <b>32.7</b> | <b>680</b> |
| LSD (0.10) = | 15.8         | 1.3         | ns       |             |            |
| LSD (0.25) = | 8.3          | 0.7         | ns       |             |            |
| C.V. =       | 8.1          |             |          |             |            |

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.05 Prices: GMO = \$3.60

Report Date: 10/31/2019

Revised:10/31/2019

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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

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## 2019 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD  
Floyd Snoozy, Minnehaha County, SD 57018

**Full-Season Test** 103 - 107 Day CRM  
B2019SDSE07b

**Top 30 of 56** For Gross Income  
(Sorted by Yield)  
Average of (4) Replications

**PREV. CROP/HERB:** Soybean / Roundup, Authority

**SOIL DESCRIPTION:** Ethan-Egan silty clay loam, well  
drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, very high  
P, very high K, 7.5 pH, 4.3% OM,  
24.1 CEC

**PEST MANAGEMENT:** Force, Harness, Atrazine, Bellum,  
Laudis

**FERTILITY - Applied N:** 130 Spring, 23 Foliar Rescue

**Applied N-P-K (units):** 153-125-150

**SEEDING - RATE - ROW:** May 7 32.5 /A 30" spacing

**HARVESTED - STAND:** Oct 28 32.6 /A

### TEST COMMENTS:

*This site is well drained, and we were fortunate to plant in May in the short window we had. The plot looked good early but a hail storm June 11 with 1.55 inches of rain caused some damage to the corn. Harvest conditions were good, and the corn stood well. About half of the 4th replicate data in the full-season test was lost to a computer issue in the field, so some hybrids have 3 replicates.*

| Company/Brand  | Product/Brand   | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| LATHAM         | LH5725VT2PRIB   | VT2P,B    | 107 | <b>255.8</b> | 24.4       | 6         | 33.0           | 800                  | 3    |
| LATHAM         | LH5487VT2PRIB   | VT2P,B    | 104 | <b>255.1</b> | 22.8       | 10        | 33.4           | 819                  | 1    |
| REA            | 6D054           | VT2P,DG,B | 105 | <b>255.0</b> | 23.9       | 3         | 32.7           | 805                  | 2    |
| HEINE          | 7600VT2PRO      | VT2P      | 106 | <b>254.8</b> | 26.7       | 3         | 33.4           | 769                  | 5    |
| THUNDER        | 6905 VT2P       | VT2P,B    | 105 | <b>246.4</b> | 23.9       | 8         | 32.3           | 777                  | 4    |
| LATHAM         | LH5517VT2PRIB   | VT2P,B    | 105 | 241.3        | 26.0       | 1         | 32.4           | 736                  | 9    |
| HEFTY          | H5522VT2PRIB    | VT2P,B    | 105 | 241.3        | 23.2       | 3         | 33.0           | 769                  | 6    |
| PIONEER        | P0688AM GC      | AM,B      | 106 | 240.8        | 26.6       | 3         | 32.9           | 727                  | 14   |
| DAIRYLAND      | DS-4440AM       | AM,B      | 104 | 239.6        | 24.7       | 3         | 32.7           | 746                  | 7    |
| REA            | 6D042           | VT2P,DG,B | 104 | 239.4        | 25.1       | 7         | 32.9           | 741                  | 8    |
| VIKING         | 42-05           | None      | 105 | 236.4        | 24.8       | 5         | 31.9           | 736                  | 10   |
| INTEGRA        | CX931104        | VT2P      | 104 | 236.3        | 25.3       | 2         | 33.4           | 729                  | 13   |
| REA            | 6B071-RIB       | VT2P,B    | 107 | 235.9        | 29.2       | 3         | 32.9           | 682                  | 27   |
| HEFTY          | H5432VT2P       | VT2P      | 104 | 235.8        | 24.8       | 4         | 33.4           | 734                  | 11   |
| RENK           | RK737SSTX       | STX,B     | 106 | 234.9        | 25.9       | 3         | 33.4           | 718                  | 18   |
| INTEGRA        | 5529            | STX,B     | 105 | 233.3        | 26.1       | 7         | 32.9           | 710                  | 22   |
| DAIRYLAND      | DS-4580AM       | AM        | 105 | 232.8        | 25.6       | 4         | 32.9           | 714                  | 20   |
| HEINE          | 740VT2PRORIB    | VT2P,B    | 103 | 231.9        | 23.7       | 10        | 31.5           | 734                  | 12   |
| REA            | 6A050-RIB       | STX,B     | 105 | 229.3        | 27.8       | 6         | 31.9           | 679                  | 29   |
| NK BRAND       | NK0330-3120-EZR | 3120,B    | 103 | 228.9        | 23.6       | 11        | 31.9           | 726                  | 15   |
| TITAN PRO      | TP 70-06        | None      | 106 | 228.3        | 25.7       | 4         | 32.7           | 699                  | 24   |
| WYFFELS        | W4196RIB        | VT2P,B    | 105 | 228.0        | 24.1       | 8         | 32.3           | 717                  | 19   |
| GOLDEN HARVEST | G03R40-3110     | 3110      | 103 | 227.7        | 23.9       | 5         | 32.9           | 719                  | 17   |
| RENK           | RK642VT2P       | VT2P,B    | 103 | 226.6        | 23.1       | 5         | 32.4           | 724                  | 16   |
| DEKALB         | DKC54-38RIB GC  | STX,B     | 104 | 226.6        | 27.4       | 3         | 33.4           | 675                  | 30   |
| RENK           | RK710DGVT2P     | VT2P,DG,B | 106 | 226.0        | 25.6       | 7         | 32.3           | 694                  | 26   |
| NK BRAND       | NK0472-3110     | 3110      | 104 | 225.8        | 23.9       | 5         | 32.7           | 712                  | 21   |
| MILLER HYBRIDS | M05-72          | None      | 105 | 225.4        | 26.4       | 10        | 33.0           | 682                  | 28   |
| LATHAM         | LH5635VT2PRIB   | VT2P,B    | 106 | 224.7        | 24.0       | 4         | 31.9           | 708                  | 23   |
| TITAN PRO      | 91-07           | None      | 107 | 219.5        | 25.6       | 6         | 30.5           | 674                  | 31   |
| DEKALB         | DKC55-53RIB CK  | STX,B     | 105 | 231.9        | 26.9       | 3         | 30.9           | 697                  | 25   |



Mark Tollefson

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Averages = **224.7** **26.5** **5** **32.6** **680**

LSD (0.10) = 16.9 1.7 ns

LSD (0.25) = 8.9 0.9 ns

C.V. = 8.3

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.05 Prices: GMO = \$3.60

Report Date: 10/31/2019

Revised:10/31/2019

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† 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

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2019 Corn - South Dakota Southeast [ SDSE ]



Early-Season Test Products (60 Total)

| Company/Brand  | Product/Brand   | Technology | RM  |
|----------------|-----------------|------------|-----|
| DAIRYLAND      | DS-3715AM       | AM,B       | 98  |
| DAIRYLAND      | DS-3810AM       | AM         | 98  |
| DAIRYLAND      | DS-4000AMXT     | AMXT       | 101 |
| DAIRYLAND      | DS-4018AM       | AM,AQ,B    | 101 |
| DAIRYLAND      | DS-4019AM       | AM,B       | 99  |
| DEKALB         | DKC50-08RIB GC  | STX,B      | 100 |
| DEKALB         | DKC55-53RIB CK  | STX,B      | 105 |
| DYNA-GRO       | D39VC40         | VT2P       | 98  |
| DYNA-GRO       | D43VC81         | VT2P       | 102 |
| EPLEY          | E1012SS         | STX        | 100 |
| EPLEY          | E1040           | None       | 100 |
| GOLDEN HARVEST | G00H12-3010     | 3010       | 100 |
| GOLDEN HARVEST | G02K39-3120-EZR | 3120,B     | 102 |
| GOLDEN HARVEST | G02W74-3000GT   | 3000GT     | 102 |
| HEFTY          | H4922VT2PRIB    | VT2P,B     | 99  |
| HEFTY          | H4933VT2PDGRIB  | VT2P,DG,B  | 99  |
| HEFTY          | H5003VT2PDGRIB  | VT2P,DG,B  | 100 |
| HEFTY          | H5132VT2P       | VT2P       | 101 |
| HEFTY          | H5212VT2PRIB    | VT2P,B     | 102 |
| HEINE          | 6500VT2PRO      | VT2P       | 99  |
| HEINE          | 7000STX         | STX        | 100 |
| HEINE          | 739VT2PRORIB    | VT2P,B     | 102 |
| HEINE          | EXP 6550        | VT2P       | 99  |
| HEINE          | EXP 7010        | VT2P       | 100 |
| INTEGRA        | 4888            | STX,B      | 98  |
| INTEGRA        | 5081            | VT2P,DG,B  | 100 |
| INTEGRA        | 5280            | STX,B      | 102 |
| LATHAM         | LH4830          | None       | 98  |
| LATHAM         | LH4937VT2PRIB   | VT2P,B     | 99  |
| LATHAM         | LH5025VT2PDGRIB | VT2P,DG,B  | 100 |
| LATHAM         | LH5077VT2PRIB   | VT2P,B     | 100 |
| LATHAM         | LH5245VT2PRIB   | VT2P,B     | 102 |
| MILLER HYBRIDS | M00-49          | None       | 100 |
| MILLER HYBRIDS | M98-70          | None       | 99  |
| NK BRAND       | NK0243-3120-EZR | 3120,B     | 102 |
| NK BRAND       | NK9930-3010     | 3010       | 99  |

| Company/Brand | Brand/Product | Technology | RM  |
|---------------|---------------|------------|-----|
| REA           | 5A010         | STX,B      | 101 |
| REA           | 5A023-RIB     | STX,B      | 102 |
| REA           | 5A982-RIB     | STX,B      | 98  |
| REA           | 5B984         | VT2P,B     | 98  |
| RENK          | RK579DGVT2P   | VT2P,DG,B  | 98  |
| RENK          | RK587VT2P     | VT2P,B     | 97  |
| RENK          | RK608DGVT2P   | VT2P,DG,B  | 100 |
| RENK          | RK621VT2P     | VT2P       | 102 |
| RENK          | RK626SSTX     | STX        | 102 |
| THUNDER       | 6098 VT2P     | VT2P,B     | 98  |
| THUNDER       | 6902 VT2P     | VT2P,B     | 102 |
| THUNDER       | 6999 VT2P     | VT2P,B     | 99  |
| TITAN PRO     | 70-98         | None       | 98  |
| TITAN PRO     | 84-01         | None       | 101 |
| TITAN PRO     | 91-00         | None       | 100 |
| TITAN PRO     | 91-02         | None       | 102 |
| VIKING        | 44-98         | None       | 98  |
| VIKING        | 46-96         | None       | 96  |
| VIKING        | 55-02         | None       | 102 |
| VIKING        | 99-00         | None       | 100 |
| WYFFELS       | W1636RIB      | VT2P,B     | 96  |
| WYFFELS       | W2196RIB      | VT2P,B     | 99  |
| WYFFELS       | W2236         | VT2P       | 99  |
| WYFFELS       | W2506RIB      | VT2P,B     | 101 |

## 2019 Corn - South Dakota Southeast [ SDSE ]

### Full-Season Test Products (56 Total)

| Company/Brand  | Product/Brand     | Technology | RM  |
|----------------|-------------------|------------|-----|
| DAIRYLAND      | DS-4310AM         | AM         | 103 |
| DAIRYLAND      | DS-4329AM         | AM,B       | 105 |
| DAIRYLAND      | DS-4440AM         | AM,B       | 104 |
| DAIRYLAND      | DS-4580AM         | AM         | 105 |
| DAIRYLAND      | DS-7004RA         | PC,B       | 104 |
| DEKALB         | DKC54-38RIB GC    | STX,B      | 104 |
| DEKALB         | DKC55-53RIB CK    | STX,B      | 105 |
| GOLDEN HARVEST | G03R40-3110       | 3110       | 103 |
| GOLDEN HARVEST | G04S19-3122-EZR   | 3122,B     | 104 |
| GOLDEN HARVEST | G05K08-3010A-EXR  | 3010,A     | 105 |
| HEFTY          | H5432VT2P         | VT2P       | 104 |
| HEFTY          | H5522VT2PRIB      | VT2P,B     | 105 |
| HEFTY          | H5624SSRIB        | STX,B      | 106 |
| HEFTY          | H5734SS           | STX        | 107 |
| HEFTY          | H5832VT2P         | VT2P       | 108 |
| HEINE          | 740VT2PRORIB      | VT2P,B     | 103 |
| HEINE          | 752VT2PRORIB      | VT2P,B     | 105 |
| HEINE          | 7600VT2PRO        | VT2P       | 106 |
| HEINE          | EXP 7430          | STX        | 104 |
| HEINE          | EXP 7550          | STX        | 106 |
| INTEGRA        | 5529              | STX,B      | 105 |
| INTEGRA        | 5719              | VT2P,B     | 107 |
| INTEGRA        | CX931104          | VT2P       | 104 |
| LATHAM         | LH5487VT2PRIB     | VT2P,B     | 104 |
| LATHAM         | LH5517VT2PRIB     | VT2P,B     | 105 |
| LATHAM         | LH5635VT2PRIB     | VT2P,B     | 106 |
| LATHAM         | LH5725VT2PRIB     | VT2P,B     | 107 |
| LATHAM         | LH5740            | None       | 107 |
| MILLER HYBRIDS | M05-72            | None       | 105 |
| MILLER HYBRIDS | M06-27            | None       | 106 |
| MILLER HYBRIDS | M06-39            | None       | 106 |
| NK BRAND       | NK0330-3120-EZR   | 3120,B     | 103 |
| NK BRAND       | NK0472-3110       | 3110       | 104 |
| NK BRAND       | NK0624-3220-EZR   | 3220,B     | 106 |
| NORTHSTAR      | NS 105-558VT2P GC | VT2P       | 105 |
| PIONEER        | P0306AM GC        | AM,AQ,B    | 103 |

| Company/Brand | Brand/Product | Technology | RM  |
|---------------|---------------|------------|-----|
| PIONEER       | P0688AM GC    | AM,B       | 106 |
| REA           | 6A050-RIB     | STX,B      | 105 |
| REA           | 6A063         | STX,B      | 106 |
| REA           | 6B071-RIB     | VT2P,B     | 107 |
| REA           | 6D042         | VT2P,DG,B  | 104 |
| REA           | 6D054         | VT2P,DG,B  | 105 |
| RENK          | RK642VT2P     | VT2P,B     | 103 |
| RENK          | RK710DGV2P    | VT2P,DG,B  | 106 |
| RENK          | RK737SSTX     | STX,B      | 106 |
| THUNDER       | 6004 VT2P     | VT2P,B     | 104 |
| THUNDER       | 6905 VT2P     | VT2P,B     | 105 |
| TITAN PRO     | 91-07         | None       | 107 |
| TITAN PRO     | TP 70-06      | None       | 106 |
| VIKING        | 42-05         | None       | 105 |
| VIKING        | 51-04         | None       | 104 |
| VIKING        | 84-05         | None       | 105 |
| WYFFELS       | W4196RIB      | VT2P,B     | 105 |
| WYFFELS       | W5086         | VT2P       | 107 |
| WYFFELS       | W5516RIB      | VT2P,B     | 108 |
| WYFFELS       | W5626RIB      | VT2P,B     | 108 |

## 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\*

|        |   |      |  |      |   |
|--------|---|------|--|------|---|
| 3010   | Agrisure® 3010 (CB,LL,GT)                 | AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)        | OI   | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)       |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT)         | AQ   | Optimum® AQUAMax®                                    | OIX  | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| 3110   | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)   | B    | Refuge blend product                                 | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| 3111   | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | CB   | Agrisure® Corn Borer                                 | PC   | PowerCore™ (HX, VT2P)                           |
| 3120   | Agrisure® 3120 (CB,HX,LL,GT)              | DG   | Genuity® DroughtGard®                                | RR2  | Roundup Ready® 2 Corn                           |
| 3122   | Agrisure® 3122 (CB,HXX,RW,LL,GT)          | E    | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) | RW   | Agrisure® Rootworm                              |
| 3220   | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | GT   | Agrisure® GT   | STX  | SmartStax® (VT3P,HXT,RR2,LL)                    |
| 3330   | Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT) | HX   | Herculex® 1, contains LL                             | TRE  | Genuity® Trecepta™                              |
| A      | Agrisure® Artesian®                       | HXRW | Herculex® Rootworm, contains LL                      | VT2P | Genuity® VT Double PRO®                         |
| AM     | Optimum® AcreMax® (YGCB,HX,LL,RR2)        | HXT  | Herculex® Xtra (HX,HXRW,LL)                          | VT3P | Genuity® VT Triple PRO®                         |
| AMT    | Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)  | LL   | LibertyLink®   | YGCB | YieldGard® Corn Borer                           |
| AMX    | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)  | None | conventional corn                                    |      |   |

\* The refuge component genetics may vary in a refuge blend seed product.