

Test by: Southern MN FIRST New Richland, MN

## 2019 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN

Eric Lee, Mower County, MN 55926

**Early-Season Test** 96 - 101 Day CRM  
B2019MNSE10a

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

**PREV. CROP /  
HERB:** Soybean / Matador, Xtendimax,  
Roundup PowerMAX, Intensity One

**SOIL  
DESCRIPTION:** Readlyn silt loam, mod. well drained,  
non-irrigated

**SOIL CONDITION:** Conventional W/O Fall Till, medium P,  
medium K, 5.8 pH, 3.8% OM, 24.4 CEC

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

**FERTILITY -  
Applied N:** 140 Spring, 10 Planter

**Applied N-P-K  
(units):** 150-230-70

**SEEDED - RATE -  
ROW:** May 5 35.3 /A 30" spacing

**HARVESTED -  
STAND:** Nov 3 33.3 /A

### TEST COMMENTS:

Soil was fully charged with moisture before, during and after planting. August took a dry break, but then rains returned through October. The wind event that affected acres across southern MN struck here as well on July 20. Damage was lessened by east-west planting orientation. The lodging here did not show much green snap. Eric reported some light hail during the summer, but no damage.

| Company/Brand  | Product/Brand    | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| FEDERAL        | 5280CONV         | None      | 101 | <b>246.9</b> | 20.2       | 0         | 33.0           | 850                  | 1    |
| TITAN PRO      | 84-01            | None      | 101 | <b>239.8</b> | 20.9       | 0         | 32.6           | 819                  | 2    |
| TITAN PRO      | 92-99 2P         | VT2P,B    | 99  | <b>226.1</b> | 19.9       | 0         | 35.3           | 781                  | 3    |
| GOLDEN HARVEST | G97N86-3220-EZR  | 3220,B    | 97  | 223.1        | 20.2       | 0         | 34.4           | 768                  | 4    |
| RENK           | RK593VT2P        | VT2P      | 96  | 221.2        | 20.2       | 0         | 34.4           | 761                  | 5    |
| HEFTY          | H5132VT2P        | VT2P      | 101 | 221.2        | 20.5       | 1         | 33.9           | 759                  | 6    |
| RENK           | RK608DGV2P       | VT2P,DG,B | 100 | 220.0        | 21.2       | 0         | 32.6           | 748                  | 9    |
| VIKING         | 52-00            | None      | 100 | 219.6        | 20.8       | 1         | 33.5           | 751                  | 8    |
| ANDERSON       | 6898             | None      | 98  | 219.1        | 19.9       | 0         | 32.1           | 757                  | 7    |
| ANDERSON       | 6811             | None      | 100 | 216.9        | 20.3       | 0         | 33.5           | 745                  | 10   |
| DAIRYLAND      | DS-3750AM        | AM        | 97  | 216.8        | 20.9       | 1         | 33.5           | 740                  | 13   |
| NORTHSTAR      | NS 98-513VT2PRIB | VT2P,B    | 98  | 216.2        | 20.5       | 0         | 34.4           | 742                  | 11   |
| FEDERAL        | 4990VT2PRIB      | VT2P,B    | 99  | 215.0        | 20.9       | 0         | 29.0           | 734                  | 16   |
| GOLD COUNTRY   | 97-75R2P         | VT2P,B    | 97  | 214.6        | 19.9       | 0         | 33.0           | 741                  | 12   |
| ANDERSON       | 609R             | RR2       | 98  | 214.3        | 20.5       | 0         | 34.8           | 735                  | 15   |
| NUTECH         | 56A7Q            | QR,B      | 96  | 214.1        | 20.9       | 1         | 33.9           | 731                  | 19   |
| FEDERAL        | 4880VT2PRIB      | VT2P,B    | 98  | 213.5        | 20.1       | 0         | 33.0           | 736                  | 14   |
| EPLEY          | E9840            | None      | 98  | 213.5        | 20.3       | 0         | 33.9           | 734                  | 17   |
| LATHAM         | EX 5035 VT2P     | VT2P      | 100 | 213.0        | 20.8       | 2         | 32.6           | 728                  | 21   |
| DAIRYLAND      | DS-3519AM        | AM,B      | 96  | 212.3        | 20.0       | 0         | 32.1           | 732                  | 18   |
| NUTECH         | E58A2Q           | QR,B      | 98  | 212.2        | 21.1       | 0         | 34.4           | 723                  | 24   |
| NUTECH         | 5F-196AM         | AM,B      | 96  | 212.1        | 20.0       | 2         | 32.1           | 731                  | 20   |
| NUTECH         | 5F-601AM         | AM,B      | 100 | 211.2        | 20.8       | 1         | 33.0           | 722                  | 26   |
| FEDERAL        | 5280VT2PRIB      | VT2P,B    | 102 | 211.1        | 21.8       | 1         | 33.9           | 713                  | 28   |
| RENK           | RK579DGV2P       | VT2P,DG,B | 98  | 210.7        | 20.1       | 4         | 34.4           | 726                  | 22   |
| NK BRAND       | NK9610-3010      | 3010      | 96  | 210.4        | 20.4       | 1         | 32.6           | 723                  | 25   |
| HEFTY          | H4922VT2PRIB     | VT2P,B    | 99  | 210.3        | 20.1       | 0         | 34.8           | 724                  | 23   |
| DAIRYLAND      | DS-4018AM        | AM,AQ,B   | 101 | 210.2        | 21.2       | 2         | 31.7           | 715                  | 27   |
| AUGUSTA        | A2345            | 3220,B    | 96  | 209.3        | 21.1       | 1         | 33.9           | 713                  | 29   |
| DAIRYLAND      | DS-3715AM        | AM,B      | 98  | 206.9        | 20.1       | 0         | 33.0           | 713                  | 30   |
| PIONEER        | P0157AMXT CK     | AMXT,AQ,B | 101 | 196.1        | 21.9       | 0         | 31.2           | 662                  | 54   |

*Mark Querna*

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **207.4** **20.5** **1** **33.3** **711**

LSD (0.10) = 18.4 0.7 1

LSD (0.25) = 9.6 0.4 1

C.V. = 8.4

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.65; non-GMO = \$3.65

Report Date: 11/05/2019

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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Test by: Southern MN FIRST New Richland, MN

## 2019 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN

Eric Lee, Mower County, MN 55926

**Full-Season Test** 102 - 106 Day CRM  
B2019MNSE10b

**Top 30 of 66** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP /  
HERB:** Soybean / Matador, Xtendimax,  
Roundup PowerMAX, Intensity One

**SOIL  
DESCRIPTION:** Readlyn silt loam, mod. well drained,  
non-irrigated

**SOIL CONDITION:** Conventional W/O Fall Till, medium P,  
medium K, 5.8 pH, 3.8% OM, 24.4 CEC

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

**FERTILITY -  
Applied N:** 140 Spring, 10 Planter

**Applied N-P-K  
(units):** 150-230-70

**SEEDED - RATE -  
ROW:** May 5 35.3 /A 30" spacing

**HARVESTED -  
STAND:** Nov 3 33.3 /A

### TEST COMMENTS:

Soil was fully charged with moisture before, during and after planting. August took a dry break, but then rains returned through October. The wind event that affected acres across southern MN struck here as well on July 20. Damage was lessened by east-west planting orientation. The lodging here did not show much green snap. Eric reported some light hail during the summer, but no damage.

| Company/Brand  | Product/Brand   | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| NK BRAND       | NK0243-3120-EZR | 3120,B    | 102 | <b>251.1</b> | 22.3       | 3         | 33.9           | 844                  | 1    |
| EPLEY          | E1503VT2P       | VT2P      | 105 | <b>246.8</b> | 21.0       | 0         | 34.4           | 842                  | 2    |
| VIKING         | 51-04           | None      | 104 | <b>244.8</b> | 21.4       | 4         | 31.7           | 831                  | 3    |
| ENESTVEDT      | E539            | None      | 103 | <b>242.3</b> | 21.4       | 0         | 33.9           | 822                  | 4    |
| HEFTY          | H5212VT2PRIB    | VT2P,B    | 102 | <b>240.9</b> | 21.8       | 0         | 33.9           | 814                  | 5    |
| TITAN PRO      | TP 70-06        | None      | 106 | <b>240.1</b> | 22.1       | 1         | 33.9           | 808                  | 6    |
| GOLD COUNTRY   | 106-96RSS       | STX,B     | 106 | 238.1        | 22.5       | 0         | 34.4           | 798                  | 7    |
| DAIRYLAND      | DS-7004RA       | PC,B      | 104 | 237.9        | 22.8       | 1         | 32.1           | 794                  | 9    |
| HEFTY          | H5432VT2P       | VT2P      | 104 | 234.9        | 21.4       | 1         | 33.5           | 798                  | 8    |
| TITAN PRO      | 84-03 2P        | VT2P,B    | 103 | 233.8        | 22.3       | 2         | 33.5           | 785                  | 10   |
| WYFFELS        | W4638           | STX       | 107 | 232.4        | 23.0       | 0         | 33.5           | 774                  | 14   |
| NUTECH         | 64D1AM          | AM,B      | 104 | 231.7        | 22.5       | 0         | 33.5           | 777                  | 12   |
| DAIRYLAND      | DS-4440AM       | AM,B      | 104 | 231.3        | 22.6       | 0         | 31.7           | 774                  | 15   |
| HEFTY          | H5522VT2PRIB    | VT2P,B    | 105 | 231.1        | 21.8       | 0         | 32.6           | 781                  | 11   |
| DAIRYLAND      | DS-4329AM       | AM,B      | 105 | 229.6        | 22.2       | 0         | 33.9           | 772                  | 17   |
| FEDERAL        | 5300VT2P        | VT2P      | 103 | 229.0        | 21.7       | 3         | 32.6           | 774                  | 16   |
| NUTECH         | 65H2Q           | QR,B      | 105 | 228.8        | 22.5       | 0         | 31.2           | 767                  | 20   |
| AUGUSTA        | A2856           | 3220,B    | 105 | 228.6        | 23.1       | 0         | 33.9           | 761                  | 22   |
| LATHAM         | LH5517VT2PRIB   | VT2P,B    | 105 | 227.8        | 22.0       | 0         | 32.6           | 768                  | 18   |
| GOLDEN HARVEST | G03R40-3110     | 3110      | 103 | 227.5        | 21.1       | 1         | 34.4           | 775                  | 13   |
| PIONEER        | P0589 GC        | AQ        | 105 | 227.0        | 21.7       | 0         | 33.5           | 767                  | 21   |
| VIKING         | 55-02           | None      | 102 | 226.7        | 21.6       | 0         | 33.5           | 768                  | 19   |
| HEFTY          | H5622VT2PRIB    | VT2P,B    | 106 | 225.4        | 22.6       | 1         | 33.0           | 754                  | 24   |
| VIKING         | 42-05           | None      | 105 | 225.2        | 21.9       | 4         | 32.6           | 760                  | 23   |
| TITAN PRO      | 96-06 2P        | VT2P,B    | 106 | 223.2        | 22.0       | 0         | 32.6           | 752                  | 28   |
| GOLDEN HARVEST | G02K39-3120-EZR | 3120,B    | 102 | 223.1        | 21.8       | 6         | 32.6           | 754                  | 25   |
| RENK           | RK737SSTX       | STX,B     | 106 | 222.5        | 22.5       | 0         | 33.9           | 745                  | 29   |
| RENK           | RK621VT2P       | VT2P      | 102 | 222.2        | 21.5       | 0         | 31.2           | 753                  | 27   |
| AUGUSTA        | A3052           | 3110      | 102 | 221.1        | 21.0       | 0         | 33.5           | 754                  | 26   |
| RENK           | RK642VT2P       | VT2P,B    | 103 | 219.0        | 21.4       | 1         | 33.9           | 743                  | 30   |
| PIONEER        | P0157AMXT CK    | AMXT,AQ,B | 101 | 205.6        | 22.0       | 2         | 30.3           | 693                  | 57   |

*Mark Querna*

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **219.1** **22.0** **1** **33.3** **738**

LSD (0.10) = 20.4 0.6 2

LSD (0.25) = 10.7 0.3 1

C.V. = 8.9

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.65; non-GMO = \$3.65

Report Date: 11/05/2019

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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 - Minnesota Southeast [ MNSE ]

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

| Company/Brand  | Product/Brand   | Technology | RM  |
|----------------|-----------------|------------|-----|
| ANDERSON       | 609R            | RR2        | 98  |
| ANDERSON       | 611SRC          | STX,B      | 100 |
| ANDERSON       | 6811            | None       | 100 |
| ANDERSON       | 6898            | None       | 98  |
| AUGUSTA        | A2345           | 3220,B     | 96  |
| DAIRYLAND      | DS-3519AM       | AM,B       | 96  |
| DAIRYLAND      | DS-3715AM       | AM,B       | 98  |
| DAIRYLAND      | DS-3750AM       | AM         | 97  |
| DAIRYLAND      | DS-3810AM       | AM         | 98  |
| DAIRYLAND      | DS-4018AM       | AM,AQ,B    | 101 |
| DEKALB         | DKC47-54RIB GC  | STX,B      | 97  |
| DEKALB         | DKC50-08RIB GC  | STX,B      | 100 |
| ENESTVEDT      | E696SS RIB      | STX,B      | 100 |
| ENESTVEDT      | E699DP RIB      | VT2P,B     | 99  |
| EPLEY          | E1012SS         | STX        | 100 |
| EPLEY          | E9840           | None       | 98  |
| FEDERAL        | 4680VT2PRIB     | VT2P,B     | 96  |
| FEDERAL        | 4880VT2PRIB     | VT2P,B     | 98  |
| FEDERAL        | 4990VT2PRIB     | VT2P,B     | 99  |
| FEDERAL        | 5280CONV        | None       | 101 |
| FEDERAL        | 5280VT2PRIB     | VT2P,B     | 102 |
| GOLD COUNTRY   | 101-60RSS       | STX,B      | 101 |
| GOLD COUNTRY   | 97-75R2P        | VT2P,B     | 97  |
| GOLD COUNTRY   | 98-11R2P        | VT2P,B     | 98  |
| GOLD COUNTRY   | 99-30RSS        | STX,B      | 99  |
| GOLDEN HARVEST | G00H12-3010     | 3010       | 100 |
| GOLDEN HARVEST | G97N86-3220-EZR | 3220,B     | 97  |
| HEFTY          | H4612VT2PRIB    | VT2P,B     | 96  |
| HEFTY          | H4732VT2P       | VT2P       | 97  |
| HEFTY          | H4812VT2PRIB    | VT2P,B     | 98  |
| HEFTY          | H4922VT2PRIB    | VT2P,B     | 99  |
| HEFTY          | H5132VT2P       | VT2P       | 101 |
| LATHAM         | EX 5035 VT2P    | VT2P       | 100 |
| LATHAM         | LH4830          | None       | 98  |
| LATHAM         | LH4937VT2PRIB   | VT2P,B     | 99  |
| LATHAM         | LH5077VT2PRIB   | VT2P,B     | 100 |

| Company/Brand | Brand/Product    | Technology | RM  |
|---------------|------------------|------------|-----|
| LATHAM        | LH5160           | None       | 101 |
| NK BRAND      | NK9610-3010      | 3010       | 96  |
| NK BRAND      | NK9930-3010      | 3010       | 99  |
| NORTHSTAR     | NS 97-547SSRIB   | STX,B      | 97  |
| NORTHSTAR     | NS 98-513VT2PRIB | VT2P,B     | 98  |
| NUTECH        | 56A7Q            | QR,B       | 96  |
| NUTECH        | 5F-196AM         | AM,B       | 96  |
| NUTECH        | 5F-601AM         | AM,B       | 100 |
| NUTECH        | E58A2Q           | QR,B       | 98  |
| PIONEER       | P0157AMXT CK     | AMXT,AQ,B  | 101 |
| PIONEER       | P9998AMXT GC     | AMXT,AQ,B  | 99  |
| RENK          | RK579DGV2P       | VT2P,DG,B  | 98  |
| RENK          | RK587VT2P        | VT2P,B     | 97  |
| RENK          | RK593VT2P        | VT2P       | 96  |
| RENK          | RK608DGV2P       | VT2P,DG,B  | 100 |
| TITAN PRO     | 70-98            | None       | 98  |
| TITAN PRO     | 84-01            | None       | 101 |
| TITAN PRO     | 85-96            | None       | 96  |
| TITAN PRO     | 91-00            | None       | 100 |
| TITAN PRO     | 92-99 2P         | VT2P,B     | 99  |
| VIKING        | 44-98            | None       | 98  |
| VIKING        | 46-96            | None       | 96  |
| VIKING        | 52-00            | None       | 100 |
| VIKING        | 99-00            | None       | 100 |

## 2019 Corn - Minnesota Southeast [ MNSE ]

### Full-Season Test Products (66 Total)

| Company/Brand  | Product/Brand      | Technology | RM  |
|----------------|--------------------|------------|-----|
| ANDERSON       | 5303               | None       | 103 |
| AUGUSTA        | A2856              | 3220,B     | 105 |
| AUGUSTA        | A3052              | 3110       | 102 |
| DAIRYLAND      | DS-4310AM          | AM         | 103 |
| DAIRYLAND      | DS-4329AM          | AM,B       | 105 |
| DAIRYLAND      | DS-4440AM          | AM,B       | 104 |
| DAIRYLAND      | DS-4580AMXT        | AMXT       | 105 |
| DAIRYLAND      | DS-7004RA          | PC,B       | 104 |
| DEKALB         | DKC54-38RIB GC     | STX,B      | 104 |
| DEKALB         | DKC55-53RIB GC     | STX,B      | 105 |
| ENESTVEDT      | E539               | None       | 103 |
| EPLEY          | E1330              | None       | 103 |
| EPLEY          | E1503VT2P          | VT2P       | 105 |
| FEDERAL        | 5300VT2P           | VT2P       | 103 |
| FEDERAL        | 5570VT2PRIB        | VT2P,B     | 105 |
| GOLD COUNTRY   | 102-07RSS          | STX,B      | 102 |
| GOLD COUNTRY   | 102-88R2P          | VT2P,B     | 102 |
| GOLD COUNTRY   | 103-23RSS          | STX,B      | 103 |
| GOLD COUNTRY   | 104-11RSS          | STX,B      | 104 |
| GOLD COUNTRY   | 106-96RSS          | STX,B      | 106 |
| GOLDEN HARVEST | G02K39-3120-EZR    | 3120,B     | 102 |
| GOLDEN HARVEST | G03R40-3110        | 3110       | 103 |
| HEFTY          | H5212VT2PRIB       | VT2P,B     | 102 |
| HEFTY          | H5432VT2P          | VT2P       | 104 |
| HEFTY          | H5504SSRIB         | STX,B      | 105 |
| HEFTY          | H5522VT2PRIB       | VT2P,B     | 105 |
| HEFTY          | H5622VT2PRIB       | VT2P,B     | 106 |
| LATHAM         | LH5245VT2PRIB      | VT2P,B     | 102 |
| LATHAM         | LH5377VT2PRIB      | VT2P,B     | 100 |
| LATHAM         | LH5487VT2PRIB      | VT2P,B     | 104 |
| LATHAM         | LH5517VT2PRIB      | VT2P,B     | 105 |
| LATHAM         | LH5635VT2PRIB      | VT2P,B     | 106 |
| NK BRAND       | NK0243-3120-EZR    | 3120,B     | 102 |
| NK BRAND       | NK0472-3110        | 3110       | 104 |
| NORTHSTAR      | NS 102-168DGV2PRIB | VT2P,DG,B  | 102 |
| NORTHSTAR      | NS 105-558VT2P     | VT2P       | 105 |

| Company/Brand | Brand/Product   | Technology | RM  |
|---------------|-----------------|------------|-----|
| NORTHSTAR     | NS 106-186SSRIB | STX,B      | 106 |
| NUTECH        | 5L-504AMXT      | AMXT,B     | 104 |
| NUTECH        | 64D1AM          | AM,B       | 104 |
| NUTECH        | 65H2Q           | QR,B       | 105 |
| NUTECH        | 66B6Q           | QR,B       | 106 |
| NUTECH        | E628AQ          | QR,B       | 102 |
| PIONEER       | P0157AMXT CK    | AMXT,AQ,B  | 101 |
| PIONEER       | P0306AM GC      | AM,AQ,B    | 103 |
| PIONEER       | P0589 GC        | AQ         | 105 |
| PIONEER       | P0688AM GC      | AM,B       | 106 |
| RENK          | RK621VT2P       | VT2P       | 102 |
| RENK          | RK642VT2P       | VT2P,B     | 103 |
| RENK          | RK710DGV2P      | VT2P,DG,B  | 106 |
| RENK          | RK717SSTX       | STX,B      | 105 |
| RENK          | RK737SSTX       | STX,B      | 106 |
| REV           | REV 1247AM GC   | AM         | 101 |
| REV           | REV 1587AM GC   | AM         | 105 |
| TITAN PRO     | 82-04 2P        | VT2P,B     | 104 |
| TITAN PRO     | 84-03 2P        | VT2P,B     | 103 |
| TITAN PRO     | 91-02           | None       | 102 |
| TITAN PRO     | 96-06 2P        | VT2P,B     | 106 |
| TITAN PRO     | TP 70-06        | None       | 106 |
| VIKING        | 42-05           | None       | 105 |
| VIKING        | 51-04           | None       | 104 |
| VIKING        | 55-02           | None       | 102 |
| VIKING        | 84-05           | None       | 105 |
| WYFFELS       | W4196RIB        | VT2P,B     | 105 |
| WYFFELS       | W4358RIB        | STX,B      | 106 |
| WYFFELS       | W4638           | STX        | 107 |
| WYFFELS       | W5086           | VT2P       | 107 |

## 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® Vipera® 3110 (Vip, CB,LL,GT)   | B    | Refuge blend product                                 | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| 3111   | Agrisure® Vipera® 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® Vipera® 3220 (Vip,CB,HX,LL,GT) | GT   | Agrisure® GT   | STX  | SmartStax® (VT3P,HXT,RR2,LL)                    |
| 3330   | Agrisure® Vipera® 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.