

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] SENECA, KS
Scott Farwell, Nemaha County, KS 68345

| | |
|-------------------------------|--|
| Early-Season Test | 107 - 112 Day CRM B2023KSNE06a |
| Top 30 of 32 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Glyphosate, 2,4-D, Sencor |
| SOIL DESCRIPTION: | Wabash silty clay loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | No-Till, medium P, low K, 6.2 pH, 4.7% OM, 20.1 CEC |
| PEST MANAGEMENT: | Glyphosate, 2,4-D, Mesotrione, Atrazine |
| FERTILITY - Applied N: | 140 Spring |
| Applied N-P-K (units): | 140-45-45 |
| SEEDED - RATE - ROW: | Apr 26 30.2 /A 30" spacing |
| HARVESTED - STAND: | Nov 1 28.8 /A |

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly due to the warmer-than-normal temperatures. May and June brought above-average temperatures with hit-and-miss showers. July had a few showers early, and August was hot with little rain. Plants were standing well at harvest, and very little disease could be found during the growing season. Ears were filled out well with very little tipback seen. Great weed control.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|--------------|------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| Augusta | A4961-DV GC ↗ | DV | 111 | 205.1 | 14.9 | 0 | 28.9 | 923 | 1 |
| DeKalb | DKC62-70RIB GC ↗ | VT2P | 112 | 203.1 | 14.5 | 0 | 28.9 | 914 | 2 |
| Dyna-Gro | D50VC09RIB ↗ | VT2P | 110 | 202.6 | 14.5 | 0 | 29.6 | 912 | 3 |
| Mustang | 63A06 GC ↗ | TRE | 106 | 202.3 | 14.8 | 0 | 28.6 | 910 | 4 |
| Renk | RK811PWE ↗ | PCE | 111 | 201.2 | 15.5 | 0 | 28.9 | 902 | 5 |
| Augusta | A1059-DV GC ↗ | DV | 109 | 199.7 | 15.1 | 0 | 28.9 | 898 | 6 |
| Pioneer | P12904AML GC ↗ | AML | 112 | 198.0 | 15.2 | 0 | 28.2 | 889 | 7 |
| DeKalb | DKC59-82RIB GC ↗ | VT2P | 109 | 196.3 | 14.9 | 0 | 28.2 | 883 | 8 |
| Rob-See-Co | RC6232-DGVT2P ↗ | VT2PDG | 112 | 196.0 | 14.9 | 0 | 28.2 | 882 | 9 |
| Renk | RK766SSPRO ↗ | STXP | 109 | 193.0 | 15.1 | 0 | 28.2 | 867 | 10 |
| Taylor | EXP D-112-23 ↗ | PCE | 112 | 191.8 | 15.0 | 0 | 27.9 | 863 | 11 |
| Golden Harvest | G09B15-V ↗ | V | 109 | 190.9 | 14.7 | 0 | 28.2 | 859 | 12 |
| Golden Harvest | G11V76-AA ↗ | AA | 111 | 190.2 | 15.3 | 0 | 29.9 | 854 | 14 |
| Mustang | 570PR RIB ↗ | VT2P | 112 | 190.0 | 14.8 | 0 | 28.2 | 855 | 13 |
| Mustang | 429PR RIB ↗ | VT2P | 110 | 187.0 | 15.1 | 0 | 29.6 | 841 | 15 |
| Pioneer | P09944AM GC ↗ | AM | 109 | 186.5 | 15.1 | 0 | 28.6 | 838 | 16 |
| Rob-See-Co | RC6131-TRE ↗ | TRE | 111 | 185.6 | 15.0 | 0 | 28.2 | 835 | 17 |
| Mustang | 82308 GC ↗ | VT2P | 108 | 183.8 | 14.6 | 0 | 29.6 | 827 | 18 |
| Taylor | 6012 TRE ↗ | TRE | 111 | 179.0 | 15.3 | 0 | 28.9 | 804 | 19 |
| Renk | RK773TRE ↗ | TRE | 109 | 178.2 | 15.0 | 0 | 29.9 | 802 | 21 |
| Lewis | 12DT302 ↗ | TRE | 112 | 176.9 | 15.0 | 0 | 28.6 | 796 | 22 |
| Pioneer | P1164AM GC ↗ | AM | 111 | 176.1 | 14.6 | 0 | 29.6 | 792 | 23 |
| Augusta | A1259-5222 ↗ | DV | 109 | 174.0 | 14.7 | 0 | 28.9 | 783 | 24 |
| Taylor | 8824 VT2P GC ↗ | VT2P | 113 | 168.9 | 14.6 | 0 | 28.6 | 760 | 25 |
| Dyna-Gro | D49VC53RIB ↗ | VT2P | 109 | 166.8 | 14.8 | 0 | 29.2 | 751 | 26 |
| NK Brand | NK1082-DV ↗ | DV | 110 | 164.5 | 15.0 | 0 | 27.6 | 740 | 27 |
| Taylor | 6010 TRE ↗ | TRE | 110 | 163.6 | 14.5 | 0 | 28.2 | 736 | 28 |
| DeKalb | DKC111-35RIB GC ↗ | VT2P | 111 | 163.4 | 14.9 | 0 | 29.2 | 735 | 29 |
| NK Brand | NK0922-V ↗ | V | 109 | 163.1 | 15.1 | 0 | 28.2 | 733 | 30 |
| Pioneer | P1027AM GC ↗ | AM | 110 | 159.9 | 14.7 | 0 | 29.2 | 720 | 31 |
| PIONEER | P0995AM CK | AM,AQ | 109 | 178.6 | 15.1 | 0 | 28.6 | 803 | 20 |

Averages = **183.5** **14.9** **28.8** **825**

LSD (0.10) = 8.0 0.1 ns

LSD (0.25) = 4.2 0.1 ns

C.V. = 4.1

Historic yield: 156.7 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.50

Report Date: 11/03/2023

† 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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Additional reports available at www.firstseedtests.com

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2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] SENECA, KS
Scott Farwell, Nemaha County, KS 68345

| | |
|-------------------------------|--|
| Full-Season Test | 113 - 117 Day CRM B2023KSNE06b |
| Top 30 of 32 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Glyphosate, 2,4-D, Sencor |
| SOIL DESCRIPTION: | Wabash silty clay loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | No-Till, medium P, low K, 6.2 pH, 4.7% OM, 20.1 CEC |
| PEST MANAGEMENT: | Glyphosate, 2,4-D, Mesotrione, Atrazine |
| FERTILITY - Applied N: | 140 Spring |
| Applied N-P-K (units): | 140-45-45 |
| SEEDED - RATE - ROW: | Apr 26 30.2 /A 30" spacing |
| HARVESTED - STAND: | Nov 1 28.8 /A |

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly due to the warmer-than-normal temperatures. May and June brought above-average temperatures with hit-and-miss showers. July had a few showers early, and August was hot with little rain. Plants were standing well at harvest, and very little disease could be found during the growing season. Ears were filled out well with very little tipback seen. Great weed control.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|--------------|------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| Taylor | 6015 TRE ↗ | TRE | 115 | 198.3 | 15.7 | 0 | 29.6 | 887 | 1 |
| Lewis | 17DP651 ↗ | VT2P | 117 | 197.2 | 15.8 | 0 | 28.9 | 881 | 2 |
| Renk | RK940SSTX ↗ | STX | 115 | 196.8 | 15.9 | 0 | 28.6 | 879 | 4 |
| Mustang | 97113 ↗ | VT2PDG | 113 | 196.7 | 15.6 | 0 | 27.6 | 880 | 3 |
| Dyna-Gro | D53VC54RIB ↗ | VT2P | 113 | 195.5 | 15.5 | 0 | 29.2 | 876 | 5 |
| Augusta | A5065-3111 ↗ | 3111 | 115 | 194.3 | 15.7 | 0 | 28.2 | 869 | 6 |
| Lewis | 15DT512 ↗ | TRE | 115 | 194.2 | 15.6 | 0 | 29.6 | 869 | 7 |
| Taylor | 6017 TRE ↗ | TRE | 117 | 191.6 | 15.9 | 0 | 27.9 | 855 | 8 |
| Mustang | 801PR RIB ↗ | VT2P | 117 | 189.8 | 15.6 | 0 | 28.9 | 850 | 9 |
| Augusta | A4565-V ↗ | V | 115 | 188.8 | 15.6 | 0 | 28.9 | 845 | 10 |
| Pioneer | P1359AM GC ↗ | AM | 113 | 188.3 | 15.8 | 0 | 29.2 | 842 | 11 |
| Taylor | 5516 SS ↗ | STX | 116 | 188.2 | 15.7 | 0 | 27.9 | 842 | 12 |
| Renk | RK876VT2P ↗ | VT2P | 113 | 187.8 | 15.5 | 0 | 29.2 | 841 | 13 |
| Taylor | EXP C-115-23 GC ↗ | VT2P | 115 | 185.0 | 15.6 | 0 | 28.6 | 828 | 14 |
| Rob-See-Co | RC6411-VT2P ↗ | VT2P | 114 | 183.6 | 15.7 | 0 | 29.2 | 821 | 15 |
| DeKalb | DKC64-22RIB GC ↗ | VT2P | 114 | 183.1 | 16.1 | 0 | 29.2 | 816 | 17 |
| Pioneer | P14830AML GC ↗ | AML | 114 | 182.2 | 15.7 | 0 | 29.6 | 815 | 18 |
| Mustang | 83A15 ↗ | TRE | 115 | 181.5 | 15.0 | 0 | 28.9 | 817 | 16 |
| Lewis | 15DP899 ↗ | VT2P | 115 | 181.1 | 15.0 | 0 | 28.9 | 815 | 19 |
| Lewis | 14DT603 ↗ | TRE | 114 | 181.0 | 15.5 | 0 | 28.2 | 811 | 20 |
| DeKalb | DKC66-06RIB GC ↗ | TRE | 116 | 180.0 | 15.8 | 0 | 29.9 | 804 | 21 |
| Mustang | 662TRE RIB ↗ | TRE | 113 | 177.0 | 15.0 | 0 | 29.6 | 796 | 22 |
| Dyna-Gro | D56TC44RIB ↗ | TRE | 116 | 172.9 | 15.8 | 0 | 28.2 | 772 | 23 |
| Renk | RK915VT2P ↗ | VT2P | 115 | 172.5 | 15.6 | 0 | 29.2 | 772 | 24 |
| Renk | RK895DGV2P ↗ | VT2PDG | 113 | 171.9 | 15.3 | 0 | 28.6 | 771 | 26 |
| NK Brand | NK1701-V ↗ | V | 117 | 171.3 | 15.9 | 0 | 28.9 | 765 | 28 |
| Renk | RK958VT2P ↗ | VT2P | 115 | 171.1 | 15.6 | 0 | 28.9 | 766 | 27 |
| Golden Harvest | G17B31-V ↗ | V | 117 | 170.4 | 15.8 | 0 | 28.2 | 762 | 29 |
| Golden Harvest | G17A81-V ↗ | V | 117 | 169.2 | 15.8 | 0 | 28.9 | 756 | 30 |
| NK Brand | NK1755-DV ↗ | DV | 117 | 164.8 | 15.7 | 0 | 28.6 | 737 | 31 |
| PIONEER | P0995AM CK | AM,AQ | 109 | 172.2 | 15.5 | 0 | 28.9 | 771 | 25 |

Adam Stuteville

adam.stuteville@firstseedtests.com, (913) 206-6080

Averages = **182.6** **15.6** **28.8** **817**

LSD (0.10) = 10.5 0.2 ns

LSD (0.25) = 5.5 0.1 ns

C.V. = 5.4

Historic yield: 156.7 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.50

Report Date: 11/03/2023

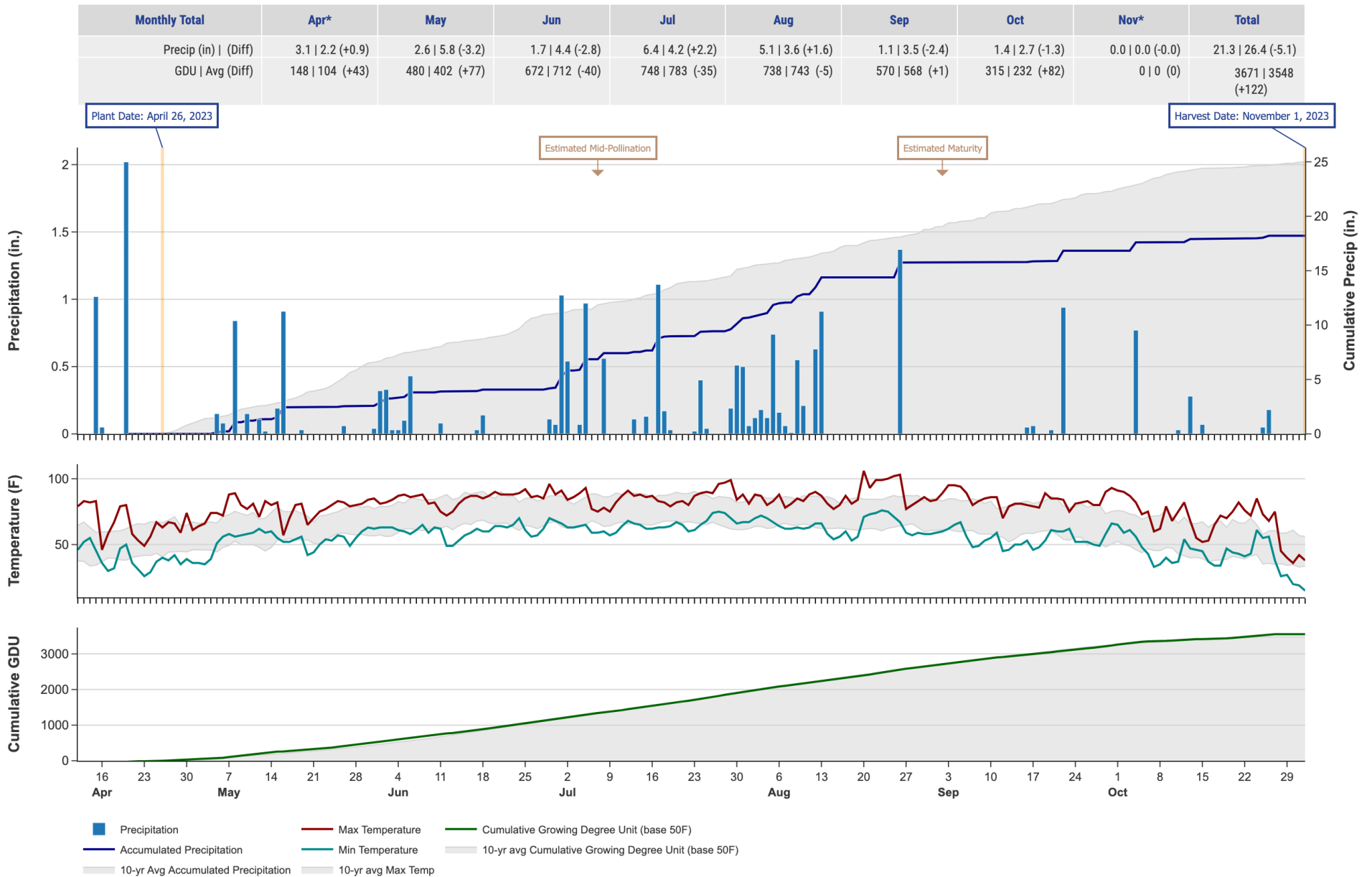
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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Additional reports available at www.firstseedtests.com

2023 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at SENECA, KS



* 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.

2023 Corn - Kansas Northeast [KSNE]

Early-Season Test Products (32 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|-----------------|------------|-----|-----|---------------|
| Augusta | A1059-DV GC | DV | N | 109 | CM,C2 |
| Augusta | A1060-3330A-EZ | VZ | Y | 110 | CM,C2 |
| Augusta | A1259-5222 | DV | Y* | 109 | CM,C2 |
| Augusta | A4961-DV GC | DV | N* | 111 | CM,C2 |
| DeKalb | DKC111-35RIB GC | VT2P | Y* | 111 | AC,P5V,EDC-EL |
| DeKalb | DKC59-82RIB GC | VT2P | Y | 109 | AC,P5V,EDC-EL |
| DeKalb | DKC62-70RIB GC | VT2P | Y | 112 | AC,P5V,EDC-EL |
| Dyna-Gro | D49VC53RIB | VT2P | Y* | 109 | AC,P5V |
| Dyna-Gro | D50VC09RIB | VT2P | Y* | 110 | AC,P5V |
| Golden Harvest | G09B15-V | V | Y | 109 | CM,C5,Va |
| Golden Harvest | G11V76-AA | AA | Y | 111 | CM,C5,Va |
| Lewis | 12DT302 | TRE | Y | 112 | AC,P5,B360 |
| Mustang | 429PR RIB | VT2P | Y | 110 | Edge 500 |
| Mustang | 570PR RIB | VT2P | Y | 112 | Edge 500 |
| Mustang | 63A06 GC | TRE | Y* | 106 | Edge 500 |
| Mustang | 82308 GC | VT2P | Y* | 108 | Edge 500 |
| NK Brand | NK0922-V | V | Y | 109 | CM,C5,Va |
| NK Brand | NK1082-DV | DV | Y | 110 | AC,P5 |
| Pioneer | P09944AM GC | AM | Y* | 109 | Lum, L1 |
| Pioneer | P0995AM CK | AM,AQ | N* | 109 | Lum |
| Pioneer | P1027AM GC | AM | Y | 110 | Lum, L1 |
| Pioneer | P1164AM GC | AM | Y | 111 | Lum, L1 |
| Pioneer | P12904AML GC | AML | Y | 112 | Lum, L1 |
| Renk | RK766SSPRO | STXP | N | 109 | AC,P5V,B300 |
| Renk | RK773TRE | TRE | N | 109 | AC,P5V,B300 |
| Renk | RK811PWE | PCE | N | 111 | Lum,P5V |
| Rob-See-Co | RC6131-TRE | TRE | Y | 111 | CM,C2,Vi,Va |
| Rob-See-Co | RC6232-DGVT2P | VT2PDG | Y | 112 | AC250 |
| Taylor | 6010 TRE | TRE | Y | 110 | CM,C2 |
| Taylor | 6012 TRE | TRE | N | 111 | CM,C2 |
| Taylor | 8824 VT2P GC | VT2P | N* | 113 | CM,C2 |
| Taylor | EXP D-112-23 | PCE | N | 112 | CM,C2 |

* 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.

2023 Corn - Kansas Northeast [KSNE]

Full-Season Test Products (32 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|-----------------|------------|-----|-----|---------------|
| Augusta | A4565-V | V | Y* | 115 | CM,C2 |
| Augusta | A5065-3111 | 3111 | N | 115 | CM,C2 |
| DeKalb | DKC64-22RIB GC | VT2P | Y | 114 | AC,P5V,EDC-EL |
| DeKalb | DKC66-06RIB GC | TRE | Y | 116 | AC,P5V,EDC-EL |
| Dyna-Gro | D53VC54RIB | VT2P | Y | 113 | AC,P5V |
| Dyna-Gro | D56TC44RIB | TRE | Y | 116 | AC,P5V |
| Golden Harvest | G17A81-V | V | Y | 117 | CM,C5,Va |
| Golden Harvest | G17B31-V | V | Y | 117 | CM,C5,Va |
| Lewis | 14DT603 | TRE | Y | 114 | AC,P5,B360 |
| Lewis | 15DP899 | VT2P | Y | 115 | AC,P5,B360 |
| Lewis | 15DT512 | TRE | Y | 115 | AC,P5,B360 |
| Lewis | 17DP651 | VT2P | Y | 117 | AC,P5,B360 |
| Mustang | 662TRE RIB | TRE | Y | 113 | Edge 500 |
| Mustang | 801PR RIB | VT2P | Y | 117 | Edge 500 |
| Mustang | 83A15 | TRE | Y | 115 | Edge 500 |
| Mustang | 97113 | VT2PDG | Y | 113 | Edge 500 |
| NK Brand | NK1701-V | V | Y | 117 | CM,C5,Va |
| NK Brand | NK1755-DV | DV | Y | 117 | AVC,C1,Va |
| Pioneer | P0995AM CK | AM,AQ | N* | 109 | Lum |
| Pioneer | P13050AM GC | AM | Y | 113 | Lum, L1 |
| Pioneer | P1359AM GC | AM | N* | 113 | Lum, L1 |
| Pioneer | P14830AML GC | AML | Y | 114 | Lum, L1 |
| Renk | RK876VT2P | VT2P | N | 113 | AC,P5V,B300 |
| Renk | RK895DGVVT2P | VT2PDG | N | 113 | AC,P2 |
| Renk | RK915VT2P | VT2P | N | 115 | AC,P2 |
| Renk | RK940SSTX | STX | N | 115 | AC,P5V |
| Renk | RK958VT2P | VT2P | N | 115 | AC,P2 |
| Rob-See-Co | RC6411-VT2P | VT2P | Y | 114 | CM,C2,Vi,Va |
| Taylor | 5516 SS | STX | N | 116 | AC,P2 |
| Taylor | 6015 TRE | TRE | N | 115 | CM,C2 |
| Taylor | 6017 TRE | TRE | N | 117 | CM,C2 |
| Taylor | EXP C-115-23 GC | VT2P | N | 115 | 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

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

Corn Technologies

| | |
|--------|---|
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) |
| AA | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120 |
| AM | Optimum® AcreMax® |
| AML | Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2) |
| AQ | Optimum® AQUAmax® |
| DV | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| PCE | PowerCore® Enlist® |
| STX | SmartStax® |
| STXP | SmartStax® Pro with RNAi Technology |
| TRE | Trecepta® |
| V | Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220 |
| VT2P | VT Double PRO® |
| VT2PDG | DroughtGard® with VT Double PRO® |
| VZ | Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330 |

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

Corn Seed Treatments*

| | |
|---------------|--|
| NA | Not Available |
| AC250 | Acceleron® 250 |
| AC,P2 | Acceleron® 250 |
| AC,P5 | Acceleron® 500 |
| AC,P5,B360 | Acceleron® 500 with BioRise™ B-360 ST |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,P5V,B300 | Acceleron® Poncho 500/Votivo with B-300 SAT |
| AC,P5V,EDC-EL | Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control |
| AVC,C1,Va | Avicta® Complete 1250 with Vayantis® |
| CM,C2 | CruiserMaxx® 250 |
| CM,C2,Vi,Va | CruiserMaxx® 250 with Vibrance, Vayantis® |
| CM,C5,Va | CruiserMaxx® 500 with Vayantis® |
| Edge 500 | Midland genetics |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lum, L1 | LumiGEN, Lumisure 1250 |
| Lum,P5V | LumiGEN™ Poncho 500/Votivo |

* Seed treatments may include unspecified plant health promoting components.