

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BALDWIN CITY, KS
 Luke Ulrich, Douglas County, KS 66006

| | |
|-------------------------------|--|
| Early-Season Test | 107 - 112 Day CRM B2023KSNE04a |
| Top 30 of 32 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Glyphosate, Zone, Metribuzin |
| SOIL DESCRIPTION: | Martin silty clay loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | No-Till, medium P, medium K, 5.8 pH, 5.2% OM, 22.2 CEC |
| PEST MANAGEMENT: | Glyphosate, 2,4-D, Atrazine, Mesotrione |
| FERTILITY - Applied N: | 160 Spring |
| Applied N-P-K (units): | 160-40-40 |
| SEEDED - RATE - ROW: | May 3 30.2 /A 30" spacing |
| HARVESTED - STAND: | Nov 8 28.6 /A |

TEST COMMENTS:

This site was planted into a clean seedbed. Plants emerged evenly with the warm temperatures. May and June had above-average temperatures with below-average rainfall. Late July and August were hot with spotty showers mixed in. Corn would curl up in the hot afternoons but would uncurl once the sun went down. Plants were standing well at harvest with very little disease pressure. Great weed control.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|--------------|------------|--------------|-------------|-----------|----------------|----------------------|----------|
| Renk | RK766SSPRO ↗ | STXP | 109 | 107.2 | 15.3 | 0 | 28.9 | 481 | 1 |
| Rob-See-Co | RC6232-DGVT2P ↗ | VT2PDG | 112 | 103.9 | 15.0 | 0 | 28.9 | 468 | 2 |
| Dyna-Gro | D50VC09RIB ↗ | VT2P | 110 | 103.1 | 15.9 | 0 | 29.9 | 460 | 3 |
| Mustang | 429PR RIB ↗ | VT2P | 110 | 101.6 | 14.7 | 0 | 28.2 | 457 | 4 |
| Augusta | A1259-5222 ↗ | DV | 109 | 100.2 | 15.7 | 0 | 29.2 | 448 | 5 |
| NK Brand | NK0922-V ↗ | V | 109 | 99.3 | 15.0 | 0 | 28.6 | 447 | 6 |
| Taylor | 8824 VT2P GC ↗ | VT2P | 113 | 99.3 | 14.9 | 0 | 27.6 | 447 | 7 |
| Golden Harvest | G09B15-V ↗ | V | 109 | 99.0 | 15.6 | 0 | 28.9 | 443 | 8 |
| Golden Harvest | G11V76-AA ↗ | AA | 111 | 96.3 | 15.7 | 0 | 28.6 | 431 | 10 |
| Mustang | 570PR RIB ↗ | VT2P | 112 | 95.9 | 15.6 | 0 | 28.6 | 429 | 12 |
| Renk | RK773TRE ↗ | TRE | 109 | 95.7 | 14.8 | 0 | 28.2 | 431 | 11 |
| Dyna-Gro | D49VC53RIB ↗ | VT2P | 109 | 94.4 | 14.6 | 0 | 28.9 | 425 | 13 |
| Taylor | 6012 TRE ↗ | TRE | 111 | 93.7 | 15.9 | 0 | 28.2 | 418 | 14 |
| Mustang | 82308 GC ↗ | VT2P | 108 | 92.7 | 15.3 | 0 | 28.2 | 416 | 15 |
| Taylor | 6010 TRE ↗ | TRE | 110 | 92.3 | 15.0 | 0 | 28.2 | 415 | 16 |
| Taylor | EXP D-112-23 ↗ | PCE | 112 | 91.5 | 15.3 | 0 | 28.2 | 411 | 17 |
| Rob-See-Co | RC6131-TRE ↗ | TRE | 111 | 91.4 | 14.8 | 0 | 28.6 | 411 | 18 |
| DeKalb | DKC62-70RIB GC ↗ | VT2P | 112 | 91.0 | 15.8 | 0 | 27.9 | 407 | 19 |
| Augusta | A1059-DV GC ↗ | DV | 109 | 90.3 | 15.7 | 0 | 28.2 | 404 | 20 |
| Lewis | 12DT302 ↗ | TRE | 112 | 88.8 | 15.8 | 0 | 29.6 | 397 | 21 |
| NK Brand | NK1082-DV ↗ | DV | 110 | 88.3 | 14.8 | 0 | 28.6 | 397 | 22 |
| Renk | RK811PWE ↗ | PCE | 111 | 87.1 | 15.4 | 0 | 28.2 | 391 | 23 |
| Pioneer | P12904AML GC ↗ | AML | 112 | 86.8 | 15.8 | 0 | 27.9 | 388 | 24 |
| Pioneer | P09944AM GC ↗ | AM | 109 | 85.2 | 15.3 | 0 | 28.2 | 382 | 25 |
| DeKalb | DKC59-82RIB GC ↗ | VT2P | 109 | 84.5 | 15.5 | 0 | 28.2 | 379 | 26 |
| Pioneer | P1164AM GC ↗ | AM | 111 | 84.2 | 15.6 | 0 | 28.9 | 377 | 27 |
| DeKalb | DKC111-35RIB GC ↗ | VT2P | 111 | 83.3 | 15.4 | 0 | 29.6 | 374 | 28 |
| Augusta | A4961-DV GC ↗ | DV | 111 | 82.4 | 15.6 | 0 | 28.9 | 369 | 29 |
| Mustang | 63A06 GC ↗ | TRE | 106 | 82.0 | 15.6 | 0 | 29.2 | 367 | 30 |
| Augusta | A1060-3330A-EZ ↗ | VZ | 110 | 80.4 | 15.1 | 0 | 28.6 | 361 | 31 |
| PIONEER | P0995AM CK | AM,AQ | 109 | 98.6 | 15.3 | 0 | 28.9 | 443 | 9 |

Adam Stuteville

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| | | | | |
|--------------|-------------|-------------|-------------|------------|
| Averages = | 91.9 | 15.4 | 28.6 | 413 |
| LSD (0.10) = | 10.8 | 0.2 | ns | |
| LSD (0.25) = | 5.6 | 0.1 | ns | |
| C.V. = | 11.1 | | | |

Historic yield: 140.15 bu/a, 8 yr(s)

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

Report Date: 11/09/2023

† 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] BALDWIN CITY, KS
 Luke Ulrich, Douglas County, KS 66006

| | |
|-------------------------------|--|
| Full-Season Test | 113 - 117 Day CRM B2023KSNE04b |
| Top 30 of 32 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Glyphosate, Zone, Metribuzin |
| SOIL DESCRIPTION: | Martin silty clay loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | No-Till, medium P, medium K, 5.8 pH, 5.2% OM, 22.2 CEC |
| PEST MANAGEMENT: | Glyphosate, 2,4-D, Atrazine, Mesotrione |
| FERTILITY - Applied N: | 160 Spring |
| Applied N-P-K (units): | 160-40-40 |
| SEEDED - RATE - ROW: | May 3 30.2 /A 30" spacing |
| HARVESTED - STAND: | Nov 8 28.5 /A |

TEST COMMENTS:

This site was planted into a clean seedbed. Plants emerged evenly with the warm temperatures. May and June had above-average temperatures with below-average rainfall. Late July and August were hot with spotty showers mixed in. Corn would curl up in the hot afternoons but would uncurl once the sun went down. Plants were standing well at harvest with very little disease pressure. Great weed control.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|--------------|------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| Lewis | 15DT512 ↗ | TRE | 115 | 118.4 | 15.7 | 0 | 28.6 | 529 | 1 |
| Augusta | A5065-3111 ↗ | 3111 | 115 | 117.0 | 15.6 | 0 | 28.2 | 524 | 2 |
| Lewis | 17DP651 ↗ | VT2P | 117 | 116.9 | 15.5 | 0 | 28.2 | 524 | 3 |
| Renk | RK958VT2P ↗ | VT2P | 115 | 116.6 | 15.1 | 0 | 29.2 | 524 | 4 |
| Lewis | 15DP899 ↗ | VT2P | 115 | 115.9 | 15.6 | 0 | 28.2 | 519 | 5 |
| Renk | RK895DGV2P ↗ | VT2PDG | 113 | 114.7 | 16.1 | 0 | 28.6 | 511 | 6 |
| Mustang | 801PR RIB ↗ | VT2P | 117 | 113.2 | 15.8 | 0 | 28.6 | 506 | 7 |
| Mustang | 97113 ↗ | VT2PDG | 113 | 111.4 | 15.6 | 0 | 28.9 | 498 | 8 |
| Taylor | 5516 SS ↗ | STX | 116 | 111.2 | 15.5 | 0 | 28.6 | 498 | 9 |
| Dyna-Gro | D53VC54RIB ↗ | VT2P | 113 | 111.1 | 15.4 | 0 | 29.2 | 498 | 10 |
| Taylor | EXP C-115-23 GC ↗ | VT2P | 115 | 110.3 | 16.2 | 0 | 28.9 | 491 | 11 |
| Rob-See-Co | RC6411-VT2P ↗ | VT2P | 114 | 109.7 | 15.7 | 0 | 28.6 | 491 | 12 |
| Pioneer | P13050AM GC ↗ | AM | 113 | 109.2 | 14.7 | 0 | 28.6 | 491 | 13 |
| DeKalb | DKC66-06RIB GC ↗ | TRE | 116 | 108.3 | 15.9 | 0 | 28.2 | 484 | 14 |
| Lewis | 14DT603 ↗ | TRE | 114 | 107.9 | 16.1 | 0 | 27.6 | 481 | 15 |
| Augusta | A4565-V ↗ | V | 115 | 106.5 | 15.3 | 0 | 28.6 | 478 | 16 |
| Taylor | 6015 TRE ↗ | TRE | 115 | 104.1 | 16.0 | 0 | 28.6 | 464 | 18 |
| Pioneer | P14830AML GC ↗ | AML | 114 | 103.6 | 16.0 | 0 | 28.2 | 462 | 19 |
| Mustang | 83A15 ↗ | TRE | 115 | 102.8 | 15.3 | 0 | 29.6 | 462 | 20 |
| Golden Harvest | G17B31-V ↗ | V | 117 | 102.5 | 15.7 | 0 | 28.2 | 459 | 21 |
| NK Brand | NK1701-V ↗ | V | 117 | 102.2 | 15.9 | 0 | 28.6 | 456 | 22 |
| Mustang | 662TRE RIB ↗ | TRE | 113 | 100.9 | 15.4 | 0 | 28.2 | 453 | 23 |
| Renk | RK876VT2P ↗ | VT2P | 113 | 100.3 | 15.6 | 0 | 29.6 | 449 | 24 |
| Taylor | 6017 TRE ↗ | TRE | 117 | 99.2 | 15.8 | 0 | 28.6 | 443 | 25 |
| Renk | RK940SSTX ↗ | STX | 115 | 99.1 | 16.0 | 0 | 27.2 | 442 | 26 |
| Dyna-Gro | D56TC44RIB ↗ | TRE | 116 | 98.6 | 15.9 | 0 | 28.2 | 440 | 28 |
| DeKalb | DKC64-22RIB GC ↗ | VT2P | 114 | 98.1 | 15.1 | 0 | 27.6 | 441 | 27 |
| Golden Harvest | G17A81-V ↗ | V | 117 | 97.8 | 16.0 | 0 | 28.9 | 436 | 29 |
| Pioneer | P1359AM GC ↗ | AM | 113 | 96.2 | 15.9 | 0 | 29.2 | 430 | 30 |
| NK Brand | NK1755-DV ↗ | DV | 117 | 95.3 | 15.8 | 0 | 28.9 | 426 | 31 |
| PIONEER | P0995AM CK | AM,AQ | 109 | 103.7 | 15.4 | 0 | 28.2 | 465 | 17 |

Averages = **106.0** **15.6** **28.5** **474**

LSD (0.10) = 9.7 0.2 ns

LSD (0.25) = 5.1 0.1 ns

C.V. = 8.7

Historic yield: 140.15 bu/a, 8 yr(s)

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

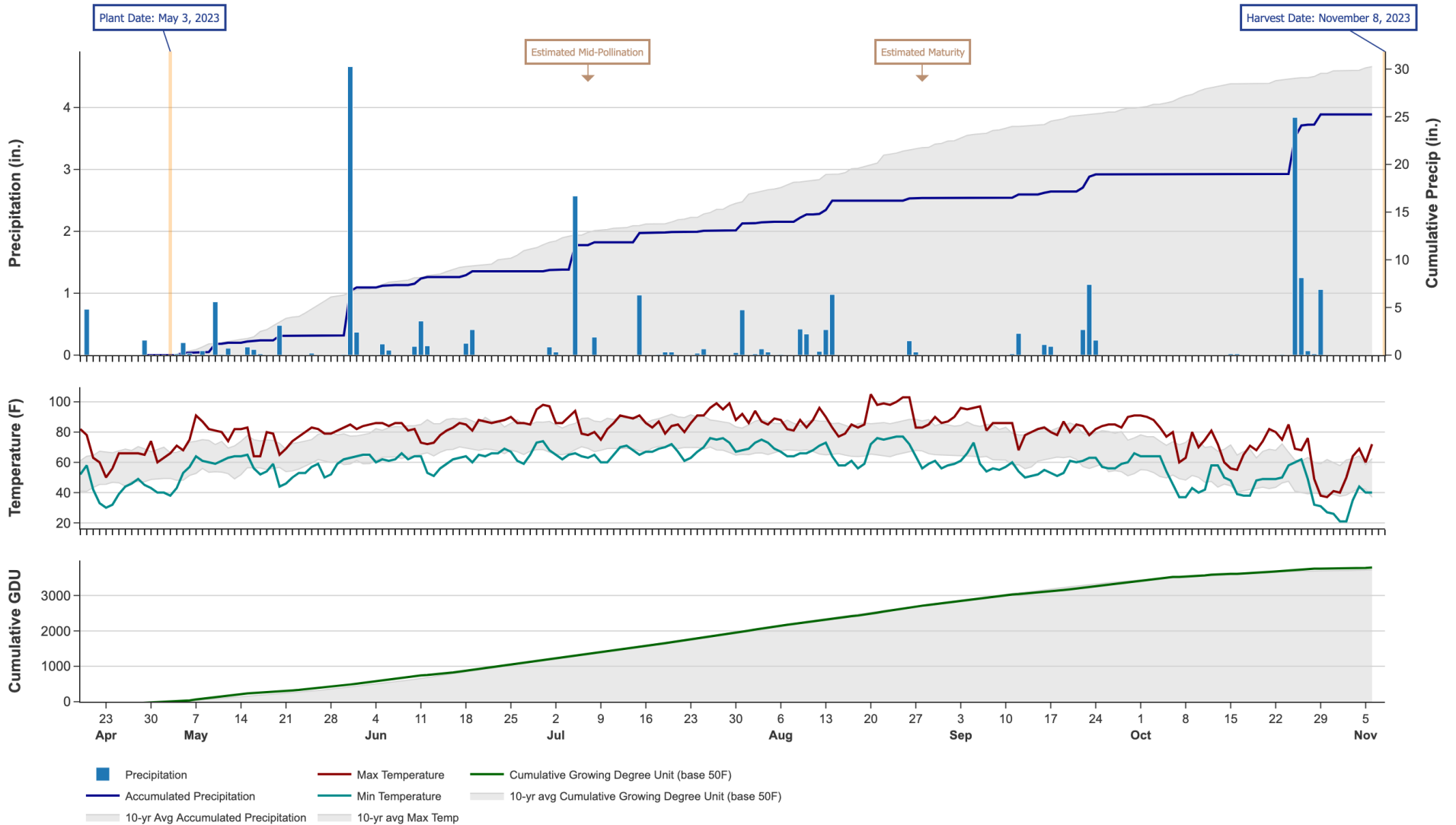
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

2023 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at BALDWIN CITY, KS

Weather Data Retrieved: 11/09/2023

| Monthly Total | Apr* | May | Jun | Jul | Aug | Sep | Oct | Nov* | Total |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) (Diff) | 1.0 2.0 (-1.0) | 6.7 7.3 (-0.5) | 2.1 5.0 (-2.9) | 5.0 4.5 (+0.5) | 2.7 6.1 (-3.5) | 2.5 3.7 (-1.2) | 6.3 3.9 (+2.4) | 0.0 0.4 (-0.4) | 26.2 32.9 (-6.7) |
| GDU Avg (Diff) | 93 100 (-7) | 506 441 (+64) | 696 751 (-55) | 798 835 (-37) | 798 797 (0) | 616 623 (-7) | 362 282 (+79) | 32 17 (+14) | 3901 3849 (+51) |



* 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.