

Test by: Agri Seed Research, LLC Louisburg, KS

## 2019 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] STILWELL, KS


Bruce Betts, Johnson County, KS 64742

|                               |   |
|-------------------------------|---|
| <b>Early-Season Test</b>      | 107 - 112 Day CRM<br>B2019KSNE03a   |
| <b>Top 30 of 36</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications            |
| <b>PREV. CROP/HERB:</b>       | Soybean / Xtendimax, Dual   |
| <b>SOIL DESCRIPTION:</b>      | Grundy silt loam, mod. poorly<br>drained, non-irrigated                         |
| <b>SOIL CONDITION:</b>        | Conventional W/O Fall Till,<br>medium P, medium K, 6.4 pH,<br>3.7% OM, 17.8 CEC |
| <b>PEST MANAGEMENT:</b>       | Atrazine, Accuron, Glyphosate   |
| <b>FERTILITY - Applied N:</b> | 170 Spring, 75 Sidedress  |
| <b>Applied N-P-K (units):</b> | 245-60-65   |
| <b>SEEDED - RATE - ROW:</b>   | May 31 29.2 /A 30" spacing  |
| <b>HARVESTED - STAND:</b>     | Dec 4 29.9 /A   |

### TEST COMMENTS:

*Planting was delayed due to excessive moisture. This site was planted into a clean tilled seedbed. Plants emerged quick and uniform. Several large rain events fell during the growing season. An application of Urea at V5 was done to help with lost nitrogen. Plants were standing well at harvest with good weed control.*

| Company/Brand  | Product/Brand     | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| GOLDEN HARVEST | G08R52-3220-EZR   | 3220,B    | 108 | <b>213.9</b> | 14.2       | 0         | 29.9           | 770                  | 1    |
| HOEGEMEYER     | 8028 AM           | AM,B      | 110 | <b>213.1</b> | 14.5       | 0         | 29.9           | 767                  | 2    |
| AUGUSTA        | A1059 GC          | 3110      | 109 | <b>212.5</b> | 13.9       | 0         | 29.9           | 765                  | 3    |
| INTEGRA        | 6284 GC           | STX,B     | 112 | <b>212.3</b> | 14.2       | 0         | 29.9           | 764                  | 4    |
| LEWIS          | 09DD740           | VT2P,DG,B | 109 | <b>211.0</b> | 14.7       | 0         | 29.9           | 760                  | 5    |
| CHAMPION       | 62A18VT2PRORIB GC | VT2P,B    | 112 | 208.6        | 13.6       | 0         | 29.2           | 751                  | 6    |
| AUGUSTA        | A4559 GC          | 3010      | 107 | 208.5        | 13.8       | 0         | 30.9           | 751                  | 7    |
| RENK           | RK765VT2P         | VT2P      | 108 | 207.8        | 14.2       | 0         | 30.6           | 748                  | 8    |
| NK BRAND       | NK0821-3120A      | 3120,A,B  | 108 | 207.1        | 13.8       | 0         | 28.9           | 746                  | 9    |
| PROHARVEST     | 6828SS GC         | STX       | 107 | 206.3        | 14.4       | 0         | 29.9           | 743                  | 10   |
| PIONEER        | P1089AM GC        | AMX,AQ,B  | 110 | 205.6        | 15.0       | 0         | 30.2           | 740                  | 11   |
| NK BRAND       | NK1082-3330A-EZR  | 3330,A,B  | 110 | 205.2        | 15.0       | 0         | 29.6           | 739                  | 12   |
| DEKALB         | DKC58-35RIB GC    | VT2P,B    | 108 | 204.8        | 13.8       | 0         | 30.6           | 737                  | 14   |
| HOEGEMEYER     | 7955 AML          | AML,B     | 109 | 204.2        | 14.5       | 0         | 29.2           | 735                  | 15   |
| AUGUSTA        | A6162 GC          | 3220,B    | 112 | 203.8        | 14.3       | 0         | 29.6           | 734                  | 16   |
| AUGUSTA        | A4760 GC          | VT2P      | 109 | 203.7        | 13.9       | 0         | 28.9           | 733                  | 17   |
| LEWIS          | 09DP720           | VT2P,B    | 109 | 200.5        | 13.9       | 0         | 29.6           | 722                  | 18   |
| PIONEER        | P1244AM GC        | AM,AQ,B   | 112 | 200.5        | 15.1       | 0         | 29.9           | 721                  | 19   |
| PIONEER        | P0977AM GC        | AM,B      | 109 | 199.9        | 14.5       | 0         | 29.2           | 720                  | 20   |
| AUGUSTA        | A5162 GC          | 3220,B    | 112 | 197.8        | 14.1       | 0         | 30.2           | 712                  | 21   |
| RENK           | RK807SSTX         | STX       | 111 | 197.3        | 14.4       | 0         | 29.2           | 710                  | 22   |
| HEFTY          | H5832VT2P GC      | VT2P      | 108 | 196.3        | 14.9       | 0         | 30.6           | 707                  | 23   |
| PROHARVEST     | 8147SS GC         | STX       | 111 | 196.2        | 14.5       | 0         | 29.6           | 706                  | 24   |
| RENK           | RK877DGVT2P       | VT2P,DG,B | 111 | 194.9        | 14.5       | 0         | 30.6           | 702                  | 25   |
| NK BRAND       | NK1205-3120-EZR   | 3120,B    | 112 | 194.7        | 14.8       | 0         | 30.6           | 701                  | 26   |
| HEFTY          | H5732VT2P GC      | VT2P      | 107 | 193.8        | 13.9       | 0         | 29.9           | 698                  | 27   |
| HEFTY          | H6134SS GC        | STX       | 111 | 193.2        | 14.8       | 0         | 30.2           | 696                  | 28   |
| GOLDEN HARVEST | G11B63-3010A      | 3010,A    | 111 | 192.6        | 14.0       | 0         | 29.6           | 693                  | 29   |
| CHAMPION       | 61A19VT2PRORIB GC | VT2P,B    | 111 | 191.2        | 14.1       | 0         | 30.2           | 688                  | 30   |
| DEKALB         | DKC60-88RIB GC    | VT2P,B    | 110 | 190.7        | 15.2       | 0         | 30.2           | 686                  | 31   |
| DEKALB         | DKC62-53RIB CK    | VT2P,B    | 112 | 204.9        | 14.1       | 0         | 30.2           | 738                  | 13   |



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|              |              |             |          |             |            |
|--------------|--------------|-------------|----------|-------------|------------|
| Averages =   | <b>200.1</b> | <b>14.3</b> | <b>0</b> | <b>29.9</b> | <b>720</b> |
| LSD (0.10) = | 9.3          | 0.5         | ns       |             |            |
| LSD (0.25) = | 4.9          | 0.2         | ns       |             |            |
| C.V. =       | 4.4          |             |          |             |            |

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$3.60

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## 2019 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] STILWELL, KS  
Bruce Betts, Johnson County, KS 64742

|                               |   |
|-------------------------------|---|
| <b>Full-Season Test</b>       | 113 - 117 Day CRM<br>B2019KSNE03b   |
| <b>Top 30 of 35</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications            |
| <b>PREV. CROP/HERB:</b>       | Soybean / Xtendimax, Dual   |
| <b>SOIL DESCRIPTION:</b>      | Grundy silt loam, mod. poorly<br>drained, non-irrigated                         |
| <b>SOIL CONDITION:</b>        | Conventional W/O Fall Till,<br>medium P, medium K, 6.4 pH,<br>3.7% OM, 17.8 CEC |
| <b>PEST MANAGEMENT:</b>       | Atrazine, Accuron, Glyphosate   |
| <b>FERTILITY - Applied N:</b> | 170 Spring, 75 Sidedress  |
| <b>Applied N-P-K (units):</b> | 245-60-65   |
| <b>SEEDED - RATE - ROW:</b>   | May 31 29.2 /A 30" spacing  |
| <b>HARVESTED - STAND:</b>     | Dec 4 28.6 /A   |

### TEST COMMENTS:

*Planting was delayed due to excessive moisture. This site was planted into a clean tilled seedbed. Plants emerged quick and uniform. Several large rain events fell during the growing season. An application of Urea at V5 was done to help with lost nitrogen. Plants were standing well at harvest with good weed control.*

| Company/Brand  | Product/Brand     | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| DEKALB         | DKC64-35RIB GC    | VT2P,B    | 114 | <b>219.2</b> | 15.8       | 0         | 28.9           | 786                  | 1    |
| LEWIS          | 14DD849           | VT2P,DG,B | 114 | <b>212.8</b> | 15.8       | 0         | 28.2           | 763                  | 2    |
| WYFFELS        | W7878 GC          | STX       | 114 | <b>212.8</b> | 16.2       | 0         | 28.9           | 761                  | 3    |
| LEWIS          | 16DP887           | VT2P,B    | 116 | <b>211.2</b> | 16.1       | 0         | 28.9           | 756                  | 4    |
| LEWIS          | 15DP899           | VT2P,B    | 115 | <b>209.5</b> | 15.8       | 0         | 28.2           | 751                  | 5    |
| AUGUSTA        | A4465 GC          | 3110,B    | 115 | <b>208.1</b> | 16.4       | 0         | 27.9           | 743                  | 6    |
| AUGUSTA        | A5065 GC          | 3111      | 115 | <b>207.1</b> | 15.7       | 0         | 28.2           | 743                  | 7    |
| RENK           | RK945DGVT2P       | VT2P,DG,B | 115 | <b>206.5</b> | 15.9       | 0         | 28.6           | 740                  | 8    |
| AUGUSTA        | A1564 GC          | 3000GT    | 114 | <b>206.1</b> | 15.5       | 0         | 27.9           | 740                  | 9    |
| HOEGEMEYER     | 8511 AML          | AML,B     | 115 | <b>206.0</b> | 16.4       | 0         | 28.2           | 736                  | 12   |
| DEKALB         | DKC67-44RIB GC    | VT2P,B    | 117 | <b>205.6</b> | 14.9       | 0         | 27.6           | 740                  | 10   |
| LEWIS          | 15DP878           | VT2P,B    | 115 | 205.2        | 16.0       | 0         | 28.6           | 735                  | 13   |
| CHAMPION       | 66A18VT2PRORIB GC | VT2P,B    | 116 | 204.4        | 16.0       | 0         | 28.6           | 732                  | 14   |
| AUGUSTA        | A1367 GC          | 5222,B    | 117 | 204.0        | 16.2       | 0         | 27.9           | 730                  | 15   |
| TITAN PRO      | 82-14 2P GC       | VT2P,B    | 114 | 203.0        | 15.9       | 0         | 28.9           | 727                  | 16   |
| RENK           | 9-115SSTX         | STX       | 115 | 202.4        | 15.9       | 0         | 28.9           | 725                  | 17   |
| GOLDEN HARVEST | G14N11-3110       | 3110      | 114 | 201.0        | 16.6       | 0         | 28.6           | 717                  | 18   |
| RENK           | RK961VT2P         | VT2P,B    | 116 | 199.7        | 16.0       | 0         | 29.6           | 715                  | 19   |
| CHAMPION       | 64A15 DG VT2      | VT2P,DG,B | 114 | 196.2        | 15.4       | 0         | 27.9           | 705                  | 20   |
| DEKALB         | DKC64-25RIB GC    | VT2P,DG,B | 114 | 196.1        | 15.3       | 0         | 27.9           | 705                  | 21   |
| AUGUSTA        | A4565 GC          | 3220      | 115 | 195.8        | 16.1       | 0         | 28.2           | 701                  | 22   |
| PROHARVEST     | 8324VT2P GC       | VT2P      | 113 | 194.8        | 15.3       | 0         | 28.6           | 700                  | 23   |
| CHAMPION       | 65A17 VT2 PRO GC  | VT2P,B    | 115 | 193.9        | 16.0       | 0         | 28.9           | 694                  | 24   |
| WYFFELS        | W7726 GC          | VT2P      | 113 | 193.4        | 16.0       | 0         | 29.6           | 692                  | 25   |
| HOEGEMEYER     | 8490 AM           | AM,AQ,B   | 114 | 190.6        | 15.5       | 0         | 28.2           | 684                  | 26   |
| HEFTY          | H6423VT2PDGRIB GC | VT2P,DG,B | 114 | 189.9        | 15.7       | 0         | 28.9           | 681                  | 27   |
| GOLDEN HARVEST | G13H15-3120-EZR   | 3120,B    | 113 | 189.6        | 15.6       | 0         | 28.9           | 680                  | 28   |
| DEKALB         | DKC63-57RIB GC    | VT2P,B    | 113 | 182.4        | 15.9       | 0         | 28.2           | 653                  | 29   |
| RENK           | RK965VT2P         | VT2P,B    | 116 | 180.2        | 16.2       | 0         | 28.9           | 645                  | 30   |
| RENK           | RK937VT2P         | VT2P,B    | 113 | 177.9        | 15.6       | 0         | 28.9           | 638                  | 31   |
| DEKALB         | DKC62-53RIB CK    | VT2P,B    | 112 | 206.0        | 15.9       | 0         | 28.9           | 738                  | 11   |



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|              |              |             |          |             |            |
|--------------|--------------|-------------|----------|-------------|------------|
| Averages =   | <b>197.6</b> | <b>15.9</b> | <b>0</b> | <b>28.6</b> | <b>708</b> |
| LSD (0.10) = | 7.9          | 0.2         | ns       |             |            |
| LSD (0.25) = | 4.2          | 0.1         | ns       |             |            |
| C.V. =       | 3.8          |             |          |             |            |

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$3.60

## 2019 Corn - Kansas Northeast [ KSNE ]

### Early-Season Test Products (36 Total)

| Company/Brand  | Product/Brand     | Technology | RM  |
|----------------|-------------------|------------|-----|
| AUGUSTA        | A1059 GC          | 3110       | 109 |
| AUGUSTA        | A4559 GC          | 3010       | 107 |
| AUGUSTA        | A4760 GC          | VT2P       | 109 |
| AUGUSTA        | A5162 GC          | 3220,B     | 112 |
| AUGUSTA        | A6162 GC          | 3220,B     | 112 |
| CHAMPION       | 61A19VT2PRORIB GC | VT2P,B     | 111 |
| CHAMPION       | 62A18VT2PRORIB GC | VT2P,B     | 112 |
| DEKALB         | DKC58-35RIB GC    | VT2P,B     | 108 |
| DEKALB         | DKC60-88RIB GC    | VT2P,B     | 110 |
| DEKALB         | DKC62-53RIB CK    | VT2P,B     | 112 |
| GOLDEN HARVEST | G08R52-3220-EZR   | 3220,B     | 108 |
| GOLDEN HARVEST | G11B63-3010A      | 3010,A     | 111 |
| HEFTY          | H5732VT2P GC      | VT2P       | 107 |
| HEFTY          | H5832VT2P GC      | VT2P       | 108 |
| HEFTY          | H6134SS GC        | STX        | 111 |
| HOEGEMEYER     | 7955 AML          | AML,B      | 109 |
| HOEGEMEYER     | 8028 AM           | AM,B       | 110 |
| INTEGRA        | 6284 GC           | STX,B      | 112 |
| LEWIS          | 07DP700           | VT2P,B     | 107 |
| LEWIS          | 08DP739           | VT2P,B     | 108 |
| LEWIS          | 09DD740           | VT2P,DG,B  | 109 |
| LEWIS          | 09DP720           | VT2P,B     | 109 |
| LEWIS          | 10DP719           | VT2P,B     | 110 |
| NK BRAND       | NK0821-3120A      | 3120,A,B   | 108 |
| NK BRAND       | NK1082-3330A-EZR  | 3330,A,B   | 110 |
| NK BRAND       | NK1205-3120-EZR   | 3120,B     | 112 |
| PIONEER        | P0977AM GC        | AM,B       | 109 |
| PIONEER        | P1089AM GC        | AMX,AQ,B   | 110 |
| PIONEER        | P1138AML GC       | AML,B      | 111 |
| PIONEER        | P1244AM GC        | AM,AQ,B    | 112 |
| PROHARVEST     | 6828SS GC         | STX        | 107 |
| PROHARVEST     | 8147SS GC         | STX        | 111 |
| RENK           | RK765VT2P         | VT2P       | 108 |
| RENK           | RK807SSTX         | STX        | 111 |
| RENK           | RK842SSTX         | STX,B      | 112 |
| RENK           | RK877DGV2P        | VT2P,DG,B  | 111 |

## 2019 Corn - Kansas Northeast [ KSNE ]

### Full-Season Test Products (35 Total)

| Company/Brand  | Product/Brand     | Technology | RM  |
|----------------|-------------------|------------|-----|
| AUGUSTA        | A1367 GC          | 5222,B     | 117 |
| AUGUSTA        | A1564 GC          | 3000GT     | 114 |
| AUGUSTA        | A4465 GC          | 3110,B     | 115 |
| AUGUSTA        | A4565 GC          | 3220       | 115 |
| AUGUSTA        | A5065 GC          | 3111       | 115 |
| CHAMPION       | 64A15 DG VT2      | VT2P,DG,B  | 114 |
| CHAMPION       | 64A20 VT2 PRO GC  | VT2P,B     | 114 |
| CHAMPION       | 65A17 VT2 PRO GC  | VT2P,B     | 115 |
| CHAMPION       | 66A18VT2PRORIB GC | VT2P,B     | 116 |
| DEKALB         | DKC62-53RIB CK    | VT2P,B     | 112 |
| DEKALB         | DKC63-57RIB GC    | VT2P,B     | 113 |
| DEKALB         | DKC64-25RIB GC    | VT2P,DG,B  | 114 |
| DEKALB         | DKC64-35RIB GC    | VT2P,B     | 114 |
| DEKALB         | DKC67-44RIB GC    | VT2P,B     | 117 |
| GOLDEN HARVEST | G13H15-3120-EZR   | 3120,B     | 113 |
| GOLDEN HARVEST | G14N11-3110       | 3110       | 114 |
| HEFTY          | H6423VT2PDGRIB GC | VT2P,DG,B  | 114 |
| HOEGEMEYER     | 8382 AM           | AM,B       | 113 |
| HOEGEMEYER     | 8490 AM           | AM,AQ,B    | 114 |
| HOEGEMEYER     | 8511 AML          | AML,B      | 115 |
| INTEGRA        | 6588 GC           | VT2P,B     | 115 |
| LEWIS          | 14DD849           | VT2P,DG,B  | 114 |
| LEWIS          | 15DP878           | VT2P,B     | 115 |
| LEWIS          | 15DP899           | VT2P,B     | 115 |
| LEWIS          | 16DP850           | VT2P,B     | 116 |
| LEWIS          | 16DP887           | VT2P,B     | 116 |
| PROHARVEST     | 8324VT2P GC       | VT2P       | 113 |
| RENK           | 9-115SSTX         | STX        | 115 |
| RENK           | RK937VT2P         | VT2P,B     | 113 |
| RENK           | RK945DGV2P        | VT2P,DG,B  | 115 |
| RENK           | RK961VT2P         | VT2P,B     | 116 |
| RENK           | RK965VT2P         | VT2P,B     | 116 |
| TITAN PRO      | 82-14 2P GC       | VT2P,B     | 114 |
| WYFFELS        | W7726 GC          | VT2P       | 113 |
| WYFFELS        | W7878 GC          | STX        | 114 |

## 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® TRIsect (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.