

2014 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BALDWIN CITY

Luke Ulrich, Douglas County, KS 66006



Test by: Agri Seed Research, LLC, Bucyrus, KS

PREV. CROP/HERB: Soybean / Sharpen, Prefix, Roundup PowerMax
 SOIL DESCRIPTION: Martin silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.2% OM
 PEST MANAGEMENT: Degree Xtra, atrazine, Roundup PowerMax, 10 lbs zinc, 3 lbs sulfur
 FERTILITY - Applied N: 153 Spring
 Applied N-P-K (units): 153-60-40
 SEEDED - RATE - ROW: Apr 18 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 6 29,800 /A

Early-Season Test

107 - 112 Day CRM

B2014KSNE02a

Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (2) Replications

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Pioneer | P1257AM GC | AM,B | MQ,P1V,R | 112 | 183.7 | 15.6 | 0 | 30.4 | 512 | 1 |
| Prairie Brand | 6305RA | STX,B | CM,C2 | 113 | 179.3 | 16.3 | 0 | 28.9 | 496 | 2 |
| AgriGold | A6499STXRIB | STX,B | AC,P5V | 112 | 178.9 | 16.8 | 0 | 30.9 | 493 | 4 |
| Mycogen | 2V717 | STX,B | CM,C2 | 111 | 178.0 | 16.0 | 0 | 29.4 | 494 | 3 |
| Ohlde | O 25-09VT2ProRB | VT2P,B | AC,P2 | 109 | 176.7 | 15.8 | 0 | 29.9 | 491 | 6 |
| AgriGold | A6472VT3PRIB | VT3P,B | AC,P5V | 110 | 176.5 | 16.6 | 0 | 29.9 | 487 | 7 |
| NuTech/G2 Gen | 5X-806^ | HXT,RR2 | MQ,P5V | 106 | 176.1 | 15.3 | 0 | 29.4 | 492 | 5 |
| Ohlde | O 24-12VT2ProRB | VT2P,B | AC,P2 | 112 | 175.9 | 16.7 | 0 | 28.9 | 485 | 10 |
| Dekalb | DKC55-09RIB GC | STX,B | AC,P5V | 105 | 175.7 | 16.7 | 0 | 30.4 | 484 | 12 |
| Lewis | R1409VT2P | VT2P,B | AC,P5V | 109 | 175.5 | 16.1 | 0 | 29.9 | 487 | 8 |
| Renk | RK791SSTX | STX,B | AC,P2 | 108 | 174.8 | 15.7 | 0 | 29.9 | 486 | 9 |
| Prairie Brand | 5815SX | STX | CM,C2 | 107 | 174.6 | 16.0 | 0 | 29.4 | 485 | 11 |
| Renk | RK860VT3P | VT3P,B | AC,P2 | 111 | 173.7 | 16.4 | 0 | 30.4 | 480 | 13 |
| Mycogen | 2V709 | STX,B | CM,C2 | 110 | 172.4 | 15.9 | 0 | 29.4 | 479 | 14 |
| Ohlde | O 24-10VT2ProRB | VT2P,B | AC,P2 | 110 | 172.4 | 16.1 | 0 | 29.9 | 478 | 15 |
| LG Seeds | LG5591STXRIB | STX,B | AC,P5V | 110 | 171.2 | 15.8 | 0 | 29.4 | 476 | 16 |
| Dyna-Gro | D50VC43 | VT2P | AC,P5V | 110 | 170.9 | 15.9 | 0 | 30.4 | 475 | 17 |
| Ohlde | O 24-05VT2ProRB | VT2P,B | AC,P2 | 106 | 168.2 | 15.6 | 0 | 30.9 | 468 | 19 |
| NuTech/G2 Gen | 5F-709^ | AM,AQ,B | MQ,P5V | 109 | 166.3 | 16.0 | 0 | 30.4 | 461 | 20 |
| Renk | RK834SSTX | STX | AC,P2 | 111 | 165.1 | 16.1 | 0 | 29.9 | 458 | 21 |
| Prairie Brand | 5985SX | STX | CM,C2 | 111 | 164.6 | 15.6 | 0 | 29.4 | 458 | 22 |
| Renk | RK858VT3P | VT3P,B | AC,P2 | 112 | 164.2 | 16.2 | 0 | 29.4 | 455 | 23 |
| Curry | XC-1412CYXR GC | OIXT | MQ,P1V,R | 112 | 163.1 | 16.6 | 0 | 28.9 | 450 | 25 |
| Dekalb | DKC57-77RIB GC | VT2P,DG,B | AC,P2 | 107 | 162.7 | 15.7 | 0 | 29.9 | 453 | 24 |
| Curry | 830-39AMX GC | AMX,AQ,B | MQ,P5V,R | 110 | 162.4 | 16.6 | 0 | 31.4 | 448 | 26 |
| LG Seeds | LG5618STXRIB | STX,B | AC,P5V | 112 | 161.2 | 16.9 | 0 | 28.9 | 444 | 27 |
| NuTech/G2 Gen | 5Z-707^ | OI,AQ | MQ,P1V,R | 107 | 160.3 | 16.2 | 0 | 29.4 | 444 | 28 |
| Dyna-Gro | D52VC91 | VT2P | AC,P5V | 112 | 159.8 | 16.5 | 0 | 28.9 | 441 | 29 |
| NuTech/G2 Gen | 5Z-111^ | OI | MQ,P5V | 111 | 157.8 | 16.3 | 0 | 30.4 | 437 | 30 |
| Pioneer | P0987AM GC | AM,B | MQ,P1V | 109 | 157.3 | 16.5 | 0 | 29.4 | 435 | 31 |
| Golden Harvest | G11U58-3111 CK | 3111 | AVC,C5 | 111 | 168.1 | 15.4 | 0 | 29.9 | 469 | 18 |

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Test Average = 167.2 16.1 0 29.8 464

LSD (0.10) = 13.7 0.7 ns

LSD (0.25) = 9.5 0.5 ns

C.V. = 4.8 2.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$2.80 Local GMO / \$2.80 non-GMO

Test Comments: This site was planted into excellent conditions resulting in great seedling emergence. June total rainfall was 3 times the 30-year normal here. Weed control was excellent. Plants were standing decent at harvest, but stalks were very weak. The yield of Luke's field surrounding our test was in the 170 bu/acre range. One replication from each test was removed because water ponding reduced data quality.

† 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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Report date: 10/7/2014 Revised:

2014 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Sharpen, Prefix, Roundup PowerMax
 SOIL DESCRIPTION: Martin silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.2% OM
 PEST MANAGEMENT: Degree Xtra, atrazine, Roundup PowerMax, 10 lbs zinc, 3 lbs sulfur
 FERTILITY - Applied N: 153 Spring
 Applied N-P-K (units): 153-60-40
 SEEDED - RATE - ROW: Apr 18 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 6 29,700 /A

Full-Season Test
113 - 116 Day CRM
 B2014KSNE02b

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Dekalb | DKC63-55RIB GC | VT2P,DG,B | AC,P5V | 113 | 171.0 | 17.3 | 0 | 29.9 | 469 | 2 |
| LG Seeds | LG5638VT2P | VT2P | AC,P5V | 114 | 170.2 | 16.6 | 0 | 29.9 | 470 | 1 |
| Mycogen | 2C788 | STX,B | CM,C2 | 114 | 165.1 | 16.3 | 0 | 29.9 | 457 | 3 |
| LG Seeds | LG5717VT2P | VT2P | AC,P5V | 116 | 163.3 | 16.5 | 0 | 28.4 | 451 | 4 |
| Golden Harvest | G14R38-3000GT GC | 3000GT | AVC,C5 | 114 | 162.9 | 17.6 | 0 | 28.9 | 446 | 8 |
| NuTech/G2 Gen | 5F-113^ | AM,B | MQ,P5V | 113 | 162.8 | 16.4 | 0 | 29.9 | 450 | 5 |
| Curry | 733-13AM GC | AM,AQ,B | MQ,P5V,R | 113 | 161.6 | 16.8 | 0 | 29.4 | 445 | 9 |
| Mycogen | 2C799 | STX,B | CM,C2 | 114 | 161.5 | 16.1 | 0 | 29.9 | 448 | 6 |
| Ohlde | O 25-16VT2ProRB | VT2P,B | AC,P2 | 116 | 160.9 | 17.0 | 0 | 30.4 | 442 | 12 |
| AgriGold | A6559STXRIB | STX,B | AC,P5V | 113 | 160.8 | 15.6 | 0 | 29.4 | 448 | 7 |
| Ohlde | O 23-15VT2ProRB | VT2P,B | AC,P2 | 115 | 160.7 | 16.2 | 0 | 29.9 | 445 | 10 |
| Prairie Brand | 1123RA | STX,B | CM,C2 | 113 | 159.6 | 15.6 | 5 | 30.4 | 444 | 11 |
| Prairie Brand | R7443RRHX | HX,RR2 | CM,C2 | 116 | 158.9 | 17.0 | 0 | 29.4 | 437 | 15 |
| Pioneer | P1498AM GC | AM,AQ,B | MQ,P1V,R | 114 | 158.3 | 16.4 | 0 | 30.4 | 438 | 13 |
| Renk | RK890SSTX | STX,B | AC,P2 | 113 | 158.0 | 16.1 | 0 | 28.9 | 438 | 14 |
| Ohlde | O 24-13VT2ProRB | VT2P,B | AC,P2 | 113 | 157.8 | 16.7 | 0 | 29.9 | 435 | 16 |
| NuTech/G2 Gen | 5Z-713^ | OI | MQ,P1V,R | 113 | 156.9 | 16.0 | 0 | 29.9 | 435 | 17 |
| NuTech/G2 Gen | 3F-814^ | AM-R,AQ,B | MQ,P5V | 114 | 156.2 | 16.6 | 0 | 29.4 | 431 | 18 |
| Channel | 213-59STXRIB GC | STX,B | AC,P5V | 113 | 154.7 | 16.3 | 0 | 29.9 | 428 | 19 |
| Prairie Brand | R7452RRHX | HX,RR2 | CM,C2 | 116 | 154.7 | 17.7 | 0 | 29.9 | 423 | 22 |
| Dyna-Gro | D54DC94 | VT2P,DG | AC,P5V | 114 | 154.6 | 16.9 | 0 | 29.4 | 426 | 20 |
| Dekalb | DKC64-69RIB GC | VT3P,B | AC,P5V | 114 | 153.9 | 16.2 | 0 | 29.9 | 426 | 21 |
| Lewis | R1414VT2P | VT2P,B | AC,P5V | 114 | 151.2 | 15.7 | 0 | 29.4 | 421 | 23 |
| NuTech/G2 Gen | 3F-515AM^ | AM-R,B | MQ,P5V | 115 | 150.4 | 15.8 | 0 | 29.9 | 418 | 24 |
| Renk | RK930VT3P | VT3P,B | AC,P2 | 115 | 150.4 | 17.3 | 0 | 28.4 | 412 | 28 |
| Renk | RK898SSTX | STX | AC,P2 | 113 | 149.5 | 15.4 | 0 | 29.9 | 417 | 25 |
| Golden Harvest | G14H66-GTA GC | GT,A | AVC,C5 | 114 | 149.5 | 16.2 | 0 | 28.9 | 414 | 27 |
| Ohlde | O 24-14DGVT2ProRB | VT2P,DG,B | AC,P2 | 114 | 148.3 | 16.2 | 0 | 29.9 | 411 | 29 |
| AgriGold | A6517VT3PRIB | VT3P,B | AC,P5V | 113 | 147.6 | 16.1 | 0 | 30.4 | 409 | 30 |
| AgriGold | A6553VT3PRIB | VT3P,B | AC,P5V | 114 | 147.0 | 16.1 | 0 | 30.4 | 408 | 31 |
| Golden Harvest | G11U58-3111 CK | 3111 | AVC,C5 | 111 | 149.9 | 16.5 | 0 | 29.4 | 414 | 26 |

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Test Average = **154.8** **16.5** **0** **29.7** **428**
 LSD (0.10) = 17.1 0.8 2
 LSD (0.25) = 11.9 0.6 1
 C.V. = 6.5 3.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$2.80}{\$2.80}$ Local GMO non-GMO

Test Comments: *This site was planted into excellent conditions resulting in great seedling emergence. June total rainfall was 3 times the 30-year normal here. Weed control was excellent. Plants were standing decent at harvest, but stalks were very weak. The yield of Luke's field surrounding our test was in the 170 bu/acre range. One replication from each test was removed because water ponding reduced data quality.*

† 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

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

| | | | |
|----------|---|----------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | DG | Genuity® DroughtGard® |
| 3011A | Agrisure® Artesian® (CB,RW,LL,GT) | GT | Agrisure® GT |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | GT/CB/LL | Agrisure® GT/CB/LL |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | HXRW | Herculex® Rootworm, contains LL |
| 5122 | Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 5222 | Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| A | Agrisure® Artesian® | LL | LibertyLink® |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | None | conventional corn |
| AM-R | Optimum® AcreMax® (YGCB,HX,RR2) | OI | Optimum® Intrasect® (YGCB,HX,LL,RR2) |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OIX | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2) |
| AMRW | Optimum® AcreMax® Rootworm (HXRW,LL,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMRW-R | Optimum® AcreMax® Rootworm (HXRW,RR2) | OL | Optimum® Leptra® (Vip,YGCB,HX,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | OT | Optimum® TRIsect® (HX,RW,LL,RR2) |
| AMX-R | Optimum® AcreMax® Xtra (YGCB,HXT,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2) | STX | SmartStax® (VT3P,HXX) |
| AQ | Optimum® AQUAmax® | VT2P | Genuity® VT Double PRO® |
| B | Blended seed (i.e. refuge blend) | VT3 | YieldGard VT Triple® |
| CB/LL | Agrisure® CB/LL | VT3P | Genuity® VT Triple PRO® |
| CB/LL/RW | Agrisure® CB/LL/RW | YGCB | YieldGard® Corn Borer |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| A | Allegiance® | L | Lorsban® |
| AC | Acceleron® fungicide products | M | Maxim XL® |
| At | Actellic® | MQ | Maxim Quattro® |
| AVC | Avicta® Complete Corn | None | untreated |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| CE | Cruiser Extreme® | R | Raxil® (tebuconazole) |
| CM | CruiserMaxx® Corn | St | Stamina® (pyraclostrobin) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Z | zinc |

** Seed treatments may include unspecified plant health promoting components.