

2015 Corn Grain Top 30 Harvest Report
 Red River Valley South Ultra early [RRSO] WHEATON
 Chester Raguse, Traverse County, MN 56583



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Antler clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7.8 pH, 3% OM
 PEST MANAGEMENT: Force, Status, Laudis, atrazine
 FERTILITY - Applied N: 120 Spring
 Applied N-P-K (units): 120-0-0
 SEEDING - RATE - ROW: May 3 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 29 30,400 /A

Ultra Early-Season Test
80 - 85 Day CRM
 B2015RRSO16u

Top 30 of 30

For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|-----------------|-----------|----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Dairyland | EXP08607 | 3000GT | 85 | 202.6 | 15.8 | 2 | 30.5 | 702 | 1 |
| NuTech | 5N-183 | 3000GT | 83 | 201.1 | 15.3 | 4 | 30.5 | 701 | 2 |
| Nuseed | 2852GTCBLL | GT/CB/LL | 85 | 197.2 | 15.3 | 13 | 30.5 | 688 | 3 |
| ProSeed | 1385VT2PRIB | VT2P,B | 85 | 194.3 | 15.3 | 1 | 30.5 | 677 | 4 |
| NuTech/G2 Gen | 5Z-783^ | OI | 83 | 191.8 | 15.0 | 5 | 30.5 | 671 | 5 |
| Prairie Brand | 821AG-3122 | 3122 | 82 | 188.2 | 15.4 | 7 | 26.6 | 655 | 6 |
| Thunder | 4585RR | RR2 | 85 | 186.9 | 15.3 | 1 | 28.6 | 652 | 7 |
| REA | 2B840-RIB | VT2P,B | 84 | 185.9 | 15.1 | 5 | 30.0 | 650 | 8 |
| Nuseed | 2823GTCBLL | GT/CB/LL | 82 | 185.4 | 14.9 | 1 | 29.5 | 649 | 9 |
| Latham | LH3427GTCBLL | GT/CB/LL | 84 | 184.5 | 15.2 | 1 | 28.1 | 644 | 10 |
| ProSeed | 1483VT2PRIB | VT2P,B | 83 | 184.2 | 15.4 | 1 | 32.4 | 641 | 11 |
| ProSeed | PX85RVT2PRIB | VT2P,B | 85 | 183.5 | 15.2 | 1 | 29.5 | 641 | 12 |
| REA | 1B820-RIB | VT2P,B | 82 | 182.5 | 15.2 | 2 | 31.0 | 637 | 13 |
| Mustang | 2026GTCBLL | GT/CB/LL | 83 | 181.1 | 15.0 | 5 | 30.5 | 634 | 14 |
| Renk | RK240VT2P | VT2P | 82 | 176.9 | 15.4 | 4 | 31.9 | 616 | 15 |
| Renk | RK266VT3P | VT3P,B | 85 | 174.4 | 15.1 | 1 | 30.5 | 610 | 16 |
| Thunder | 4383VT2PRIB | VT2P,B | 83 | 173.6 | 15.2 | 1 | 28.6 | 606 | 17 |
| Prairie Brand | 2786SX | STX | 77 | 173.6 | 15.2 | 2 | 31.5 | 606 | 18 |
| Renk | RK212GT | GT | 81 | 173.0 | 15.1 | 12 | 29.5 | 605 | 19 |
| Mustang | 2282GENVT2P | VT2P | 82 | 172.2 | 15.2 | 4 | 29.5 | 601 | 20 |
| Dyna-Gro | D21VC68 | VT2P | 81 | 170.3 | 15.1 | 3 | 31.0 | 595 | 21 |
| Mustang | 2285GENVT2P | VT2P | 85 | 170.1 | 15.3 | 5 | 31.5 | 593 | 23 |
| REA | 2B850-RIB | VT2P,B | 85 | 169.9 | 14.9 | 1 | 31.5 | 595 | 22 |
| NuTech/G2 Gen | 5F-379^ | AM,B | 79 | 169.9 | 15.2 | 9 | 30.5 | 593 | 24 |
| Thunder | 6385VT2PRIB | VT2P,B | 85 | 169.7 | 15.5 | 4 | 30.0 | 590 | 26 |
| NuTech | 5B-782 | GT/CB/LL | 82 | 169.2 | 15.1 | 1 | 30.5 | 591 | 25 |
| ProSeed | 1384VT2PRIB | VT2P,B | 84 | 169.1 | 15.5 | 1 | 31.0 | 588 | 27 |
| Latham | LH3397VT2ProRIB | VT2P,B | 83 | 165.1 | 15.4 | 5 | 31.9 | 575 | 28 |
| Thunder | 5181RR | RR2 | 81 | 158.7 | 15.3 | 1 | 31.9 | 553 | 29 |
| Dairyland | DS9683 | 3122 | 83 | 153.5 | 15.3 | 1 | 31.5 | 535 | 30 |

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|--------------|--------------|-------------|----------|-------------|------------|
| Averages = | 178.6 | 15.2 | 3 | 30.4 | 623 |
| LSD (0.10) = | 18.1 | ns | 6 | | |
| LSD (0.25) = | 12.6 | ns | 4 | | |
| C.V. = | 7.4 | 2.2 | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$3.50; non-GMO = \$3.50

Test Comments: *Very good planting conditons as many fields in the area got planted in April this year. We observed some weed pressure in June as the wet weather persisted and delayed herbicide applications. Grain moistures were very good and yields may have lagged a little from some of the stress in June.*

† 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: 11/01/2015

Revised:

2015 Corn Grain - Red River Valley South Ultra early [RRSO]



Ultra Early-Season Test Products (30 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|-----------------|----------|-------------|----|---------------|---------------|----------|----------|----|
| Dairyland | DS9683 | 3122 | CM,C5,Vi,ln | 83 | | | | | |
| Dairyland | EXP08607 | 3000GT | CM,C2 | 85 | | | | | |
| Dyna-Gro | D21VC68 | VT2P | AC,P5V | 81 | | | | | |
| Latham | LH3397VT2ProRIB | VT2P,B | AC,P2 | 83 | | | | | |
| Latham | LH3427GTCBLL | GT/CB/LL | CM,C2 | 84 | | | | | |
| Mustang | 2026GTCBLL | GT/CB/LL | AC,P2V | 83 | | | | | |
| Mustang | 2282GENVT2P | VT2P | AC,P2 | 82 | | | | | |
| Mustang | 2285GENVT2P | VT2P | AC,P2V | 85 | | | | | |
| Nuseed | 2823GTCBLL | GT/CB/LL | CM,C2 | 82 | | | | | |
| Nuseed | 2852GTCBLL | GT/CB/LL | CM,C2 | 85 | | | | | |
| NuTech | 5B-782 | GT/CB/LL | MQ,P5V | 82 | | | | | |
| NuTech | 5N-183 | 3000GT | MQ,P5V | 83 | | | | | |
| NuTech/G2 Gen | 5F-379^ | AM,B | MQ,P5V | 79 | | | | | |
| NuTech/G2 Gen | 5Z-783^ | OI | MQ,P1V | 83 | | | | | |
| Prairie Brand | 2786SX | STX | CM,C5,Vi,ln | 77 | | | | | |
| Prairie Brand | 821AG-3122 | 3122 | CM,C5,Vi,ln | 82 | | | | | |
| ProSeed | 1384VT2PRIB | VT2P,B | AC,P2 | 84 | | | | | |
| ProSeed | 1385VT2PRIB | VT2P,B | AC,P2 | 85 | | | | | |
| ProSeed | 1483VT2PRIB | VT2P,B | AC,P2 | 83 | | | | | |
| ProSeed | PX85RVT2PRIB | VT2P,B | AC,P2 | 85 | | | | | |
| REA | 1B820-RIB | VT2P,B | AC,P5V | 82 | | | | | |
| REA | 2B840-RIB | VT2P,B | AC,P5V | 84 | | | | | |
| REA | 2B850-RIB | VT2P,B | AC,P5V | 85 | | | | | |
| Renk | RK212GT | GT | CM,C2 | 81 | | | | | |
| Renk | RK240VT2P | VT2P | AC,P2 | 82 | | | | | |
| Renk | RK266VT3P | VT3P,B | AC,P2 | 85 | | | | | |
| Thunder | 4383VT2PRIB | VT2P,B | AC,C2 | 83 | | | | | |
| Thunder | 4585RR | RR2 | AC,C2 | 85 | | | | | |
| Thunder | 5181RR | RR2 | AC,C2 | 81 | | | | | |
| Thunder | 6385VT2PRIB | VT2P,B | AC,C2 | 85 | | | | | |
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Footnotes and Abbreviation Descriptions

Brand Footnotes

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| ^ | G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

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|----------|---|---------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3010 | Agrisure® 3010 (CB,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3010,A | Agrisure® Artesian® 3010 (CB,LL,GT) | HXRW | Herculex® Rootworm, contains LL |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| 3110,A | Agrisure® Viptera® 3110 w/ Artesian® | LL | LibertyLink® |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | None | conventional corn |
| 3111,A | Agrisure® Viptera® 3111 w/ Artesian® | None,A | conventional corn w/ Artesian® |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | OI,AQ | Optimum® Intrasect® w/ AQUAMax |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| AM,AQ | Optimum® AcreMax® w/ AQUAMax | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OT | Optimum® TRIssect® CHR (HX,RW,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMX,AQ | Optimum® AcreMax® Xtra w/ AQUAMax | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | STX,DG | Genuity® DroughtGard® w/ SmartStax® |
| AMXT,AQ | Optimum® AcreMax® Xtreme w/ AQUAMax | VT2P | Genuity® VT Double PRO® |
| B | Blended seed (i.e. refuge blend) | VT2P,DG | Genuity® DroughtGard® w/ VT Double PRO® |
| GT | Agrisure® GT | VT3P | Genuity® VT Triple PRO® |
| GT,A | Agrisure® GT w/ Artesian | YGCB | YieldGard® Corn Borer |
| GT/CB/LL | Agrisure® GT/CB/LL | | |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | In | Intego™ Solo |
| A | Allegiance® | L | Lorsban® |
| AC | Acceleron® fungicide products | Lu | Lumivia™ |
| At | Actellic® | M | Maxim XL® |
| AVC | Avicta® Complete Corn | MQ | Maxim Quattro® |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | None | untreated |
| CE | Cruiser Extreme® | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| CM | CruiserMaxx® Corn | R | Raxil® (tebuconazole) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Vi | Vibrance® |

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