

2018 Corn Grain Top 30 Harvest Report

Red River Valley South [RRSO] WENDELL
Chad Biss, Grant County, MN 56590



PREV. CROP/HERB: Soybean / Fierce, Flexstar GT, Roundup
SOIL DESCRIPTION: Formdale-Aazdahl-Flom clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, high P, medium K, 7.1 pH, 4.7% OM, 26.6 CEC
PEST MANAGEMENT: Status, Roundup
FERTILITY - Applied N: 165 Spring
Applied N-P-K (units): 165-55-45
SEEDING - RATE - ROW: May 16 33,000 /A 30" spacing
HARVESTED - STAND: Oct 31 31,400 /A

Full-Season Test
91 - 95 Day CRM
B2018RRSO05b

Top 30 of 40
For Gross Income (Sorted by Yield)
Average of (4) Replications

| Company/Brand | Product/Brand† | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|------------------|-----------|----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Golden Harvest | G95D32-3220-EZR | 3220,B | 95 | 217.3 | 19.9 | 0 | 32.1 | 582 | 1 |
| Latham | LH4517VT2Pro | VT2P | 95 | 216.5 | 20.6 | 1 | 30.6 | 576 | 2 |
| NK Brand | NK9227-3220A-EZR | 3220,A,B | 92 | 211.9 | 21.4 | 1 | 31.4 | 559 | 3 |
| Renk | 8-536VT2P | VT2P | 94 | 210.4 | 21.6 | 0 | 30.2 | 554 | 4 |
| Thunder | 6794VT2P | VT2P,B | 94 | 206.3 | 19.6 | 0 | 32.1 | 554 | 5 |
| Thunder | 6992VT2P | VT2P | 92 | 206.2 | 19.7 | 0 | 31.4 | 553 | 6 |
| Dyna-Gro | D32VC41 | VT2P | 92 | 205.1 | 19.6 | 0 | 31.4 | 551 | 7 |
| Golden Harvest | G90Y04-3220A-EZR | 3220,A,B | 92 | 204.8 | 21.2 | 1 | 31.4 | 542 | 12 |
| Titan Pro | 82-95 2P | VT2P,B | 95 | 204.2 | 21.8 | 0 | 31.0 | 537 | 19 |
| Mustang | 3294VT2PRIB | VT2P,B | 94 | 203.7 | 19.5 | 1 | 31.7 | 547 | 9 |
| Enestvedt | E612RR | RR2 | 92 | 203.5 | 20.1 | 0 | 30.2 | 544 | 10 |
| Anderson | 742R | RR2 | 92 | 203.3 | 20.3 | 0 | 32.1 | 542 | 13 |
| Federal | 4580VT2PRIB GC | VT2P,B | 95 | 202.9 | 20.8 | 0 | 31.0 | 539 | 17 |
| Dahlman | R47-24VT2PRIB | VT2P,B | 94 | 202.8 | 18.8 | 1 | 30.2 | 549 | 8 |
| Titan Pro | TP 58-95 SS GC | STX,B | 95 | 202.3 | 20.0 | 0 | 30.2 | 541 | 14 |
| NuTech | 5G-293 | 3110,A | 93 | 202.3 | 20.0 | 0 | 31.4 | 541 | 15 |
| Hefty | H4522VT2P | VT2P | 95 | 202.3 | 21.6 | 0 | 31.0 | 533 | 23 |
| Hefty | H4102VT2PRIB | VT2P,B | 91 | 202.1 | 19.3 | 1 | 32.1 | 544 | 11 |
| Anderson | 795R | RR2 | 95 | 201.3 | 19.7 | 0 | 31.0 | 540 | 16 |
| Latham | LH4437VT2ProRIB | VT2P,B | 94 | 199.8 | 19.3 | 0 | 31.0 | 538 | 18 |
| Thunder | 6791VT2P | VT2P,B | 91 | 199.8 | 20.0 | 0 | 31.7 | 534 | 21 |
| Titan Pro | TP 48-93 2P GC | VT2P,B | 93 | 198.9 | 21.0 | 0 | 31.0 | 527 | 24 |
| REA | 3B923 | VT2P,B | 92 | 198.6 | 19.5 | 0 | 31.7 | 534 | 22 |
| Dahlman | R48-28VT2PRIB | VT2P,B | 95 | 197.8 | 20.7 | 0 | 31.4 | 526 | 26 |
| Dyna-Gro | D34VC54 | VT2P | 94 | 197.7 | 18.6 | 1 | 31.0 | 536 | 20 |
| Latham | LH4454VT2ProRIB | VT2P,B | 94 | 197.3 | 21.0 | 0 | 31.4 | 523 | 27 |
| Thunder | 6993VT2P | VT2P | 93 | 196.4 | 20.7 | 0 | 31.7 | 522 | 28 |
| Federal | 4190VT2P GC | VT2P | 91 | 195.4 | 19.1 | 0 | 31.4 | 527 | 25 |
| Mustang | 2291VT2PRIB | VT2P,B | 91 | 193.2 | 19.5 | 0 | 30.6 | 519 | 29 |
| Latham | LH4187VT2Pro | VT2P | 91 | 192.0 | 19.6 | 0 | 32.1 | 516 | 30 |
| Pioneer | P9188AM CK | AM,B | 91 | 193.0 | 20.3 | 0 | 31.4 | 515 | 31 |

Averages = **198.7** **20.2** **0** **31.4** **530**

LSD (0.10) = 9.0 0.6 ns

LSD (0.25) = 4.7 0.3 ns

C.V. = 5.0 Prev. years average yield, 187.8 bu/a, 9 yrs

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

Test Comments: *Planting in the Wendell area was delayed due to wet field conditions. The plot was planted a few days prior to Chad planting the surrounding field. This field received adequate rainfall throughout the year, missing the dry conditions the northern areas experienced. The warm growing season helped provide dry grain moistures. Weather has made harvest a battle in most of the Red River Valley.*

† 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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