

2017 Corn Grain Top 30 Performance Summary for Red River Valley Central [ RRCE ]



Early-Season Test

82 - 87 Day CRM

B2017RRCEa

Top 30 of 48

For Gross Income (Sorted by Yield), (16) Replication Average

| Company/Brand  | Product/Brand†   | Technol.† | RM | Yield  | Moisture | Lodging | Gross Income |      | Beltrami         |          | Hunter |       | Moorhead |
|----------------|------------------|-----------|----|--------|----------|---------|--------------|------|------------------|----------|--------|-------|----------|
|                |                  |           |    | Bu/A ↓ | %        | %       | \$/A         | Rank | East Grand Forks | Mayville |        |       |          |
| Latham         | LH3695VT2Pro     | VT2P      | 86 | 174.0  | 17.9     | 0       | 455          | 1    | 139.3            | 182.2    | 86.9   | 185.5 | 189.0    |
| Mustang        | 3287VT2PRIB      | VT2P,B    | 87 | 173.7  | 17.9     | 0       | 455          | 3    | 138.3            | 181.9    | 125.8  | 187.9 | 186.6    |
| Proseed        | PX787VT2PRIB     | VT2P,B    | 87 | 170.6  | 18.4     | 0       | 444          | 4    | 149.1            | 177.7    | 133.2  | 174.8 | 180.6    |
| Hefty          | H3712VT2PRIB     | VT2P,B    | 87 | 169.4  | 17.8     | 0       | 444          | 5    | 132.2            | 184.2    | 110.4  | 177.7 | 183.3    |
| Dyna-Gro       | D26QH53          | 3010      | 86 | 168.8  | 18.2     | 3       | 441          | 6    | 127.7            | 200.3    | 92.0   | 174.1 | 173.0    |
| Miller Hybrids | M87-35           | None      | 87 | 167.9  | 20.0     | 1       | 431          | 10   | 127.7            | 190.4    | 147.1  | 175.7 | 177.8    |
| REA            | 2B861            | VT2P,B    | 86 | 167.7  | 18.2     | 1       | 438          | 7    | 142.1            | 171.5    | 117.1  | 169.9 | 187.4    |
| NK Brand       | NK8455-3220A-EZR | 3220,A,B  | 84 | 166.5  | 17.4     | 0       | 438          | 8    | 137.1            | 174.2    | 117.1  | 180.3 | 174.2    |
| NuTech         | X5GN-8484        | 3110,A    | 84 | 166.4  | 17.2     | 0       | 438          | 9    | 139.5            | 173.0    | 117.1  | 165.8 | 187.4    |
| NuTech         | 5N-183           | 3000GT    | 83 | 164.5  | 18.3     | 0       | 429          | 12   | 117.5            | 179.1    | 117.1  | 167.6 | 193.6    |
| REA            | 2C872            | None      | 87 | 163.6  | 17.5     | 0       | 430          | 11   | 126.9            | 182.3    | 117.1  | 168.5 | 176.5    |
| Taylor         | EXP 87 GC        | VT2P      | 87 | 162.6  | 18.1     | 0       | 425          | 13   | 139.0            | 164.0    | 117.1  | 173.2 | 174.3    |
| Renk           | RK287VT2P        | VT2P,B    | 87 | 161.7  | 18.8     | 0       | 420          | 16   | 128.9            | 175.2    | 117.1  | 170.2 | 172.3    |
| Golden Harvest | G84J92-3011A     | 3011,A    | 84 | 160.8  | 18.9     | 0       | 417          | 19   | 134.3            | 178.6    | 117.1  | 171.1 | 159.1    |
| Dairyland      | DS-9686          | 3000GT    | 86 | 160.8  | 19.2     | 0       | 416          | 21   | 136.0            | 184.6    | 117.1  | 154.5 | 168.2    |
| Latham         | LH3755VT2Pro     | VT2P      | 87 | 160.7  | 18.6     | 0       | 418          | 18   | 103.6            | 177.5    | 99.3   | 183.3 | 178.2    |
| Dairyland      | DS-7185          | 3220      | 85 | 160.3  | 17.6     | 0       | 421          | 14   | 125.6            | 178.2    | 117.1  | 160.4 | 177.1    |
| Prairie Brand  | 3717CONV GC      | None      | 87 | 159.7  | 19.4     | 0       | 412          | 26   | 128.1            | 182.0    | 117.1  | 152.9 | 175.7    |
| Renk           | RK264VT2P        | VT2P,B    | 85 | 159.5  | 17.9     | 0       | 417          | 20   | 130.4            | 164.7    | 117.1  | 176.5 | 166.4    |
| Prairie Brand  | 821CONV GC       | None      | 83 | 159.5  | 18.6     | 0       | 415          | 22   | 115.8            | 179.3    | 117.1  | 166.8 | 176.2    |
| Proseed        | GX87-3000GT      | 3000GT    | 87 | 159.4  | 18.5     | 0       | 415          | 23   | 110.9            | 200.8    | 117.1  | 156.4 | 169.5    |
| REA            | 2B840-RIB        | VT2P,B    | 84 | 159.0  | 16.8     | 1       | 421          | 15   | 130.3            | 173.1    | 117.1  | 162.6 | 170.1    |
| Prairie Brand  | 3578RA           | 3220,B    | 85 | 159.0  | 17.3     | 0       | 419          | 17   | 134.9            | 171.1    | 117.1  | 157.3 | 172.5    |
| NuTech/G2 Gen  | X5FN-8504^       | OI        | 85 | 157.9  | 17.6     | 1       | 414          | 24   | 125.2            | 167.6    | 117.1  | 164.6 | 174.2    |
| Latham         | LH3487VT2Pro     | VT2P      | 84 | 157.1  | 17.3     | 1       | 414          | 25   | 133.0            | 167.7    | 117.1  | 165.0 | 162.8    |
| NuTech         | 5N-886           | 3000GT    | 86 | 155.8  | 18.5     | 0       | 405          | 31   | 124.3            | 184.2    | 119.2  | 156.2 | 158.4    |
| Thunder        | 6785VT2PRIB      | VT2P,B    | 85 | 155.6  | 17.4     | 0       | 409          | 28   | 139.2            | 172.5    | 90.5   | 145.2 | 165.5    |
| Hefty          | H3502VT2PRIB     | VT2P,B    | 85 | 155.4  | 16.9     | 0       | 411          | 27   | 117.6            | 170.9    | 125.5  | 157.5 | 175.4    |
| Prairie Brand  | 3218VX           | HXT,RR2   | 82 | 155.1  | 17.2     | 0       | 409          | 29   | 119.4            | 171.8    | 84.6   | 143.4 | 185.6    |
| Dyna-Gro       | D25VC66          | VT2P      | 85 | 154.8  | 17.6     | 1       | 406          | 30   | 113.2            | 168.6    | 107.1  | 177.3 | 160.2    |
| Peterson Seed  | 74Z87 CK         | VT2P,B    | 87 | 173.7  | 17.9     | 0       | 455          | 2    | 128.6            | 192.0    | 117.1  | 194.8 | 179.5    |

Data Rejected - Not in Summary

|              |       |      |   |     |       |       |       |       |       |
|--------------|-------|------|---|-----|-------|-------|-------|-------|-------|
| Averages =   | 156.8 | 17.9 | 1 | 410 | 123.9 | 169.9 | 107.3 | 163.2 | 170.2 |
| LSD (0.10) = | 8.0   | 0.4  | 2 |     | 15.5  | 14.2  | 24.5  | 15.8  | 11.9  |
| LSD (0.25) = | 4.2   | 0.2  | 1 |     | 8.1   | 7.5   | 12.8  | 8.3   | 6.3   |

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New test region, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.69 GMO; \$2.69 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/16/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for Red River Valley Central [ RRCE ]



Full-Season Test

88 - 91 Day CRM

B2017RRCEb

Top 30 of 36

For Gross Income (Sorted by Yield), (16) Replication Average

| Company/Brand  | Product/Brand†  | Technol.†     | RM        | Yield<br>Bu/A | Moisture<br>% | Lodging<br>% | Gross Income |           | Beltrami         |              | Hunter       |              | Moorhead     |  |
|----------------|-----------------|---------------|-----------|---------------|---------------|--------------|--------------|-----------|------------------|--------------|--------------|--------------|--------------|--|
|                |                 |               |           |               |               |              | \$/A         | Rank      | East Grand Forks |              | Mayville     |              |              |  |
| <b>REA</b>     | <b>3B902</b>    | <b>VT2P,B</b> | <b>90</b> | <b>173.8</b>  | <b>19.6</b>   | <b>0</b>     | <b>448</b>   | <b>2</b>  | <b>135.6</b>     | <b>184.1</b> | <b>127.9</b> | <b>190.1</b> | <b>185.4</b> |  |
| Proseed        | 1591VT2PRIB     | VT2P,B        | 91        | 173.0         | 20.3          | 0            | 442          | 3         | 147.7            | 181.5        | 85.5         | 187.8        | 174.8        |  |
| Enestvedt      | E612            | None          | 92        | 172.8         | 21.9          | 0            | 435          | 6         | 138.6            | 168.1        | 102.2        | 186.1        | 198.5        |  |
| Taylor         | T8291RIB GC     | VT2P,B        | 91        | 172.6         | 20.7          | 0            | 440          | 4         | 150.8            | 174.2        | 113.0        | 185.8        | 179.4        |  |
| Partners Brand | PB 6255 GC      | None          | 92        | 172.5         | 22.0          | 0            | 434          | 7         | 145.5            | 166.2        | 114.7        | 185.4        | 192.9        |  |
| Anderson       | 7422            | None          | 92        | 171.2         | 22.1          | 0            | 430          | 9         | 147.5            | 167.7        | 115.3        | 190.6        | 178.8        |  |
| Hefty          | H4102VT2PRIB    | VT2P,B        | 91        | 170.0         | 20.7          | 0            | 433          | 8         | 145.5            | 171.7        | 116.0        | 184.8        | 178.0        |  |
| Mustang        | 2290VT2PRIB     | VT2P,B        | 90        | 169.0         | 19.5          | 0            | 436          | 5         | 141.2            | 181.4        | 116.7        | 186.5        | 166.8        |  |
| NK Brand       | NK9227-3110A    | 3110,A        | 92        | 166.8         | 20.1          | 1            | 427          | 11        | 140.3            | 164.0        | 117.4        | 186.4        | 176.4        |  |
| Partners Brand | PB 6003 GC      | None          | 90        | 166.7         | 20.4          | 1            | 426          | 12        | 139.1            | 148.3        | 118.1        | 196.0        | 183.3        |  |
| Latham         | LH3937VT2Pro    | VT2P          | 89        | 166.3         | 20.7          | 1            | 424          | 14        | 144.7            | 159.4        | 118.8        | 189.3        | 171.9        |  |
| NK Brand       | NK8920-3010     | 3010          | 89        | 166.2         | 19.3          | 0            | 429          | 10        | 136.0            | 174.8        | 119.5        | 184.4        | 169.5        |  |
| Mustang        | 4291VT2PRIB     | VT2P,B        | 91        | 166.1         | 20.0          | 0            | 426          | 13        | 126.9            | 176.4        | 120.2        | 180.0        | 181.1        |  |
| De Dell Seeds  | DL 3146 GC      | None          | 92        | 165.9         | 21.0          | 0            | 421          | 17        | 131.0            | 175.3        | 121.0        | 188.5        | 168.6        |  |
| Latham         | LH4147VT2ProRIB | VT2P,B        | 91        | 165.1         | 20.5          | 0            | 421          | 18        | 140.7            | 169.6        | 121.7        | 180.5        | 169.6        |  |
| Latham         | LH4097VT2ProRIB | VT2P,B        | 90        | 163.7         | 19.4          | 0            | 422          | 16        | 134.1            | 165.6        | 122.4        | 175.8        | 179.2        |  |
| Hefty          | H3902VT2PRIB    | VT2P,B        | 89        | 162.9         | 18.5          | 0            | 424          | 15        | 139.2            | 168.9        | 123.1        | 166.4        | 177.0        |  |
| Thunder        | 6791VT2PRIB     | VT2P,B        | 91        | 162.6         | 20.6          | 1            | 415          | 21        | 140.5            | 157.8        | 123.8        | 175.9        | 176.0        |  |
| Thunder        | 4791RR          | RR2           | 91        | 162.5         | 19.9          | 0            | 417          | 19        | 123.7            | 165.3        | 124.5        | 180.7        | 180.1        |  |
| De Dell Seeds  | DL 1445 GC      | None          | 89        | 162.1         | 20.0          | 0            | 416          | 20        | 127.3            | 176.1        | 125.2        | 166.8        | 178.2        |  |
| Proseed        | PX790VT2PRIB    | VT2P,B        | 90        | 160.5         | 21.0          | 0            | 408          | 25        | 131.4            | 157.8        | 126.0        | 177.7        | 175.2        |  |
| Thunder        | 6789VT2PRIB     | VT2P,B        | 89        | 160.1         | 19.0          | 0            | 415          | 22        | 133.8            | 158.4        | 126.7        | 168.5        | 179.7        |  |
| Mustang        | 2289VT2PRIB     | VT2P,B        | 89        | 159.3         | 18.5          | 0            | 415          | 23        | 118.0            | 179.4        | 127.4        | 164.2        | 175.6        |  |
| Miller Hybrids | RX91-03         | None          | 91        | 158.3         | 19.2          | 0            | 409          | 24        | 127.6            | 173.8        | 128.1        | 165.4        | 166.5        |  |
| Dairyland      | DS-9090SSX      | STX           | 90        | 158.3         | 20.2          | 0            | 405          | 26        | 134.0            | 167.0        | 128.8        | 161.1        | 170.9        |  |
| Hefty          | H4012VT2P       | VT2P          | 90        | 156.9         | 20.2          | 3            | 402          | 27        | 108.9            | 156.0        | 99.6         | 177.2        | 185.3        |  |
| <b>REA</b>     | <b>3B910</b>    | <b>VT2P,B</b> | <b>91</b> | <b>155.9</b>  | <b>19.5</b>   | <b>0</b>     | <b>402</b>   | <b>28</b> | <b>135.8</b>     | <b>158.9</b> | <b>99.9</b>  | <b>160.1</b> | <b>168.7</b> |  |
| Renk           | RK408RR         | RR2           | 90        | 155.8         | 20.0          | 1            | 400          | 29        | 120.1            | 139.1        | 97.1         | 185.7        | 178.1        |  |
| Prairie Brand  | 4037CONV GC     | None          | 91        | 155.1         | 20.9          | 4            | 394          | 31        | 133.9            | 134.6        | 99.3         | 183.9        | 168.1        |  |
| Latham         | LH3877VT2ProRIB | VT2P,B        | 88        | 153.0         | 18.8          | 0            | 397          | 30        | 114.5            | 177.0        | 102.2        | 157.5        | 163.1        |  |
| Peterson Seed  | 74Z87 CK        | VT2P,B        | 87        | 176.0         | 18.5          | 0            | 458          | 1         | 152.8            | 180.4        | 129.0        | 185.4        | 185.2        |  |

Data Rejected - Not in Summary

|              |       |      |   |     |       |       |      |       |       |
|--------------|-------|------|---|-----|-------|-------|------|-------|-------|
| Averages =   | 162.1 | 20.1 | 1 | 416 | 133.3 | 163.4 | 98.8 | 176.5 | 175.3 |
| LSD (0.10) = | 7.9   | 0.5  | 2 |     | 14.6  | 17.9  | ns   | 12.1  | 9.7   |
| LSD (0.25) = | 4.2   | 0.3  | 1 |     | 7.7   | 9.4   | ns   | 6.4   | 5.1   |

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.69 GMO; \$2.69 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/16/2017

Revised:





## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |   |
|----|---|
| ^  | ^ G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst <sup>™</sup> and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech <sup>™</sup> brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst <sup>™</sup> , Innotech <sup>™</sup> and Phoenix <sup>®</sup> 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\*

|        |   |      |   |
|--------|---|------|---|
| 3000GT | Agrisure <sup>®</sup> 3000GT (CB,RW,LL,GT)                            | GT   | Agrisure <sup>®</sup> GT  |
| 3010   | Agrisure <sup>®</sup> 3010 (CB,LL,GT)                                 | HX   | Herculex <sup>®</sup> 1, contains LL                                    |
| 3011,A | Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)             | HXRW | Herculex <sup>®</sup> Rootworm, contains LL                             |
| 3110   | Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)       | HXT  | Herculex <sup>®</sup> Xtra (HX,HXRW,LL)                                 |
| 3111   | Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)     | LL   | LibertyLink <sup>®</sup>  |
| 3120   | Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)                              | None | conventional corn   |
| 3122   | Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)                          | OI   | Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)      |
| 3220   | Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)     | OIX  | Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2) |
| A      | Agrisure <sup>®</sup> Artesian <sup>®</sup>                           | OIXT | Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2) |
| AM     | Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)            | PC   | PowerCore <sup>™</sup> (HX, VT2P)                                       |
| AMT    | Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)      | RR2  | Roundup Ready <sup>®</sup> 2 Corn                                       |
| AMX    | Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)      | RW   | Agrisure <sup>®</sup> Rootworm  |
| AMXT   | Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2) | STX  | SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)                                |
| AQ     | Optimum <sup>®</sup> AQUAMax <sup>®</sup>                             | VT2P | Genuity <sup>®</sup> VT Double PRO <sup>®</sup>                         |
| B      | Refuge Blend  | VT3P | Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>                         |
| CB     | Agrisure <sup>®</sup> Corn Borer                                      | YGCB | YieldGard <sup>®</sup> Corn Borer                                       |
| DG     | Genuity <sup>®</sup> DroughtGard <sup>®</sup>                         |      |   |

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

### Corn Seed Treatments\*\*

|            |   |    |                               |            |  |
|------------|---|----|-------------------------------|------------|--|
| ?          | information unavailable   | CM | CruiserMaxx <sup>®</sup> Corn | None       | untreated  |
| A          | Allegiance <sup>®</sup>   | D  | Dynasty <sup>®</sup>          | P2, P5, P1 | Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AC         | Acceleron <sup>®</sup> fungicide products                           | Es | Escalate <sup>®</sup>         | R          | Raxil <sup>®</sup>   |
| AL2500     | Alert 2500 <sup>™</sup>   | In | Intego <sup>™</sup> Solo      | SC         | SHIELDCoat <sup>™</sup>  |
| At         | Actellic <sup>®</sup>   | L  | Lorsban <sup>®</sup>          | V          | Votivo <sup>®</sup>  |
| AVC        | Avicta <sup>®</sup> Complete Corn                                   | Lu | Lumivia <sup>™</sup>          | Vi         | Vibrance <sup>®</sup>  |
| C2, C5, C1 | Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively | M  | Maxim XL <sup>®</sup>         |            |  |
| CE         | Cruiser Extreme <sup>®</sup>  | MQ | Maxim Quattro <sup>®</sup>    |            |  |

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