

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



All-Season Test

Maturity Group 0.2 - 0.9

S2017RRCE

Top 30 of 60

For Gross Income (Sorted by Yield), (11) Replication Average

| Company/Brand  | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A ↓ | Protein % | Oil % | Moisture % | Lodging % | Gross Income \$/Acre | Rank | Beltrami | Hunter‡ | Mayville | Moorhead |
|----------------|----------------|-----------|------|-------------|--------------|-----------|-------|------------|-----------|----------------------|------|----------|---------|----------|----------|
| Latham         | L0982R2        | RR2Y      | 0.9  | R           | 50.8         | 32.7      | 18.5  | 9.5        | 4         | \$447                | 1    | 44.6     | 49.4    | 52.5     | 56.7     |
| Dyna-Gro       | S07RY45        | RR2Y      | 0.7  | R           | 47.6         | 33.8      | 18.1  | 9.3        | 4         | \$418                | 2    | 39.5     | 46.7    | 48.4     | 55.9     |
| Thunder        | SB8807N        | RRX       | 0.7  | R           | 47.5         | 32.3      | 18.2  | 9.3        | 6         | \$418                | 3    | 41.9     | 50.5    | 48.5     | 49.1     |
| Dairyland      | DSR-0988/R2Y   | RR2Y      | 0.9  | R           | 47.4         | 33.3      | 17.9  | 9.6        | 5         | \$417                | 4    | 37.2     | 47.4    | 51.7     | 53.4     |
| Latham         | L0739R2X       | RRX       | 0.7  | R           | 47.3         | 32.3      | 18.3  | 9.3        | 5         | \$416                | 5    | 41.0     | 46.1    | 48.7     | 53.4     |
| Prairie Brand  | PB-0777R2      | RR2Y      | 0.7  | R           | 47.2         | 33.7      | 18.2  | 9.5        | 5         | \$415                | 6    | 37.0     | 45.3    | 51.4     | 55.0     |
| REA            | RX0628         | RRX       | 0.6  | R           | 47.0         | 33.3      | 18.7  | 9.2        | 2         | \$413                | 7    | 42.4     | 44.5    | 52.6     | 48.7     |
| Latham         | L0838R2        | RR2Y      | 0.8  | R           | 46.5         | 33.0      | 18.7  | 9.3        | 5         | \$409                | 8    | 37.6     | 47.9    | 49.6     | 50.7     |
| Peterson Seed  | 13R03 GC       | RR2Y      | 0.3  | S           | 46.4         | 34.8      | 17.7  | 9.2        | 2         | \$408                | 9    | 39.4     | 44.8    | 47.3     | 53.9     |
| Hefty          | H09X7          | RRX       | 0.9  | R           | 46.1         | 33.8      | 18.3  | 9.5        | 3         | \$405                | 10   | 32.7     | 52.8    | 49.7     | 49.3     |
| Thunder        | 3408R2YN       | RR2Y      | 0.8  | R           | 45.8         | 32.8      | 18.5  | 9.6        | 3         | \$403                | 11   | 36.4     | 45.9    | 48.6     | 52.3     |
| Peterson Seed  | 17X09N GC      | RRX       | 0.9  | R           | 45.8         | 34.3      | 17.8  | 9.5        | 4         | \$403                | 12   | 35.6     | 50.1    | 46.0     | 51.5     |
| Asgrow         | AG02X8 §       | RRX       | 0.2  | S           | 45.7         | 32.9      | 18.9  | 9.0        | 2         | \$402                | 13   | 39.5     | 50.3    | 45.7     | 47.5     |
| Mustang        | 08X028         | RRX       | 0.8  | R           | 45.5         | 34.0      | 17.9  | 9.4        | 5         | \$400                | 14   | 40.2     | 46.2    | 41.8     | 53.6     |
| Renk           | RS084NR2       | RR2Y      | 0.8  | R           | 45.4         | 33.5      | 18.5  | 9.4        | 5         | \$399                | 15   | 35.9     | 46.7    | 47.5     | 51.6     |
| Asgrow         | AG06X8 §       | RRX       | 0.6  | R           | 45.4         | 33.7      | 18.2  | 9.3        | 6         | \$399                | 16   | 38.4     | 45.3    | 47.8     | 50.1     |
| Stine          | 09RI62 §       | RR2Y      | 0.9  | R           | 45.1         | 33.4      | 18.2  | 9.4        | 4         | \$396                | 17   | 33.6     | 44.4    | 48.8     | 53.4     |
| Hefty          | H08X8          | RRX       | 0.8  | R           | 45.0         | 33.7      | 18.0  | 9.4        | 5         | \$396                | 18   | 39.0     | 42.4    | 45.3     | 53.3     |
| Mustang        | 06X628         | RRX       | 0.6  | R           | 44.9         | 32.4      | 18.3  | 9.3        | 2         | \$395                | 19   | 36.6     | 45.9    | 45.8     | 51.4     |
| Proseed        | PX706N         | RRX       | 0.6  | R           | 44.9         | 32.3      | 18.2  | 9.3        | 4         | \$395                | 20   | 38.4     | 45.4    | 45.1     | 50.6     |
| Pioneer        | P06A45X §      | RRX       | 0.6  | R           | 44.7         | 34.0      | 18.1  | 9.0        | 2         | \$393                | 21   | 40.1     | 49.8    | 42.7     | 46.4     |
| Hefty          | H06X8          | RRX       | 0.6  | R           | 44.7         | 33.5      | 17.7  | 9.3        | 3         | \$393                | 22   | 38.4     | 45.2    | 44.7     | 50.5     |
| Legacy Seeds   | LS-0646RR2     | RR2Y      | 0.6  | S           | 44.6         | 33.6      | 18.6  | 9.4        | 1         | \$392                | 23   | 41.6     | 44.4    | 43.7     | 48.7     |
| Proseed        | PX707N         | RRX       | 0.7  | R           | 44.6         | 32.9      | 18.6  | 9.5        | 4         | \$392                | 24   | 38.8     | 47.6    | 42.7     | 49.3     |
| Renk           | RS078NX        | RRX       | 0.7  | R           | 44.1         | 33.2      | 18.4  | 9.3        | 2         | \$388                | 25   | 39.6     | 44.3    | 42.3     | 50.2     |
| Golden Harvest | GH0674X §      | RRX       | 0.6  | S           | 43.8         | 34.0      | 17.5  | 9.4        | 1         | \$385                | 26   | 36.9     | 46.0    | 45.0     | 47.4     |
| NorthStar      | NS 60442NXR2 § | RRX       | 0.4  | R           | 43.7         | 33.2      | 18.9  | 9.1        | 2         | \$384                | 27   | 41.5     | 46.1    | 44.2     | 43.1     |
| Hefty          | H02X7          | RRX       | 0.2  | S           | 43.6         | 32.9      | 18.5  | 9.1        | 2         | \$383                | 28   | 40.5     | 42.9    | 44.0     | 47.0     |
| Thunder        | 3505R2YN       | RR2Y      | 0.5  | R           | 43.6         | 34.9      | 18.0  | 9.4        | 4         | \$383                | 29   | 39.7     | 43.1    | 45.5     | 46.1     |
| Pioneer        | P05A93X §      | RRX       | 0.5  | R           | 43.4         | 32.4      | 18.7  | 9.2        | 2         | \$381                | 30   | 37.1     | 41.3    | 49.3     | 46.0     |

|              |      |      |      |     |    |       |      |      |      |      |
|--------------|------|------|------|-----|----|-------|------|------|------|------|
| Averages =   | 43.7 | 33.6 | 18.3 | 9.3 | 3  | \$384 | 37.8 | 43.8 | 45.2 | 48.0 |
| LSD (0.10) = | 3.3  | 0.2  | 0.1  | 0.2 | ns |       | 3.3  | 3.2  | 3.3  | 2.9  |
| LSD (0.25) = | 2.3  | 0.1  | 0.1  | 0.1 | 2  |       | 1.8  | 1.7  | 1.7  | 1.5  |

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Previous years average yield for region, 40.0 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.79 GMO; \$8.79 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com).

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Report Date: 10/18/2017 Revised: 11/7/2017 Protein and oil content results added



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | G2 <sup>®</sup> brand seed is distributed by NuTech Seed, 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> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> 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.  |
| §  | United Soybean Board sponsored entry   |

### Soybean Technologies

|      |   |
|------|---|
| BG   | Balance <sup>™</sup> GT                                 |
| LL   | LibertyLink <sup>®</sup>                                |
| None | Conventional, non-GMO                                   |
| RR   | Glyphosate tolerant                                     |
| RR2Y | Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup> |
| RRX  | Roundup Ready 2 Xtend <sup>®</sup>                      |
| ST   | Sulfonylurea herbicide tolerant                         |

### Soybean Cyst Nematode (SCN) Resistance Rating

|     |                     |
|-----|---------------------|
| S   | susceptible         |
| MR  | moderate resistance |
| R   | resistant           |
| n/a | info unavailable    |

### Soybean Seed Treatments\*

|       |   |      |                                   |      |  |
|-------|---|------|-----------------------------------|------|--|
| ?     | information unavailable                                       | EE   | Evergol <sup>™</sup> Energy       | None | untreated                                |
| A2020 | Alert 2020 <sup>™</sup>                                       | EL   | Elevate <sup>™</sup> F+I          | Pd   | proTect D <sup>™</sup>                   |
| AC    | Acceleron <sup>®</sup> fungicide products                     | ELV  | Elevate <sup>™</sup> VIP (F+I+N)  | Pdi  | proTect D/I <sup>™</sup>                 |
| ACi   | Acceleron <sup>®</sup> fungicide and insecticide products     | En   | Encase <sup>®</sup>               | PG+  | Profit Guard + <sup>™</sup>              |
| AG    | ArmourGuard <sup>™</sup>                                      | EQV  | Equity <sup>®</sup> VIP           | PS   | MAS Pro-Shield                           |
| AM    | ApronMaxx <sup>®</sup>  | Es   | Escalate <sup>™</sup>             | PV   | Poncho <sup>®</sup> /Votivo <sup>®</sup> |
| ASfi  | AgriShield <sup>®</sup> F+I                                   | F    | fungicide                         | SDPI | Servo <sup>™</sup> DPI                   |
| AVB   | Avicta <sup>®</sup> Complete Beans                            | G    | Gauch <sup>®</sup>                | SFI  | Stine XP fungicide & insecticide         |
| AVBV  | Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup> | Gr+  | Great Start <sup>™</sup> Max Plus | SS   | Soyshield <sup>™</sup>                   |
| CCB   | Clariva <sup>™</sup> Complete Beans                           | I    | insecticide                       | SS+  | Soyshield Plus <sup>™</sup>              |
| CI    | Clariva <sup>™</sup> pn                                       | IL   | ILeVO <sup>®</sup>                | SStd | SureStand <sup>™</sup>                   |
| CMB   | CruiserMaxx <sup>®</sup> Beans                                | In   | Intego <sup>™</sup> Solo          | TE   | Trius Elite <sup>™</sup>                 |
| CMBV  | CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>     | IS   | Intego <sup>™</sup> Suite         | TT   | Turbo Treat <sup>™</sup>                 |
| DPHB  | DPH Boost <sup>®</sup>  | MAG  | Maximum ArmourGuard <sup>™</sup>  | W    | Warden <sup>®</sup> CX                   |
| DST   | Dominance <sup>™</sup> ST                                     | Me   | Mertect <sup>®</sup>              | Wr   | Warden <sup>®</sup> RTA                  |
| DX    | Defend <sup>™</sup> Extra                                     | Mg   | Magnum ST <sup>™</sup> (standard) | YPP  | YP Pro <sup>™</sup>                      |
| EcTC  | Eclipse <sup>™</sup> US Total coverage                        | NCFI | N-Compass <sup>™</sup> Plus F/I   |      |  |

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