

**2016 Soybean Top 30 Harvest Report**  
 Red River Valley South [ RRSO ] GREAT BEND  
 Jeff Leinen, Richland County, ND 58075



PREV. CROP/HERB: Wheat / WideMatch  
 SOIL DESCRIPTION: Gardena silt loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Moderate P, high K, 8 pH, 2.7 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE - ROW: May 12 160,000 /A 30" Spacing  
 HARVESTED - STAND: Sep 28 136,200 /A

**All-Season Test**  
**Maturity Group 0.5 - 1.2**  
 S2016RRS013

**Top 30 of 60**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.†   | Mat.       | SCN Resist. | Seed Trt.† | Yield Bu/A  | Moisture %  | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-------------|------------|-------------|------------|-------------|-------------|-----------|----------------|--------------|
| Stine         | 08RI02 §       | RR2Y        | 0.8        | R           | SFI        | 65.0        | 13.0        | 19        | 136.2          | \$588        |
| Mustang       | 10X127         | RRX         | 1.0        | R           | ACi        | 63.8        | 13.1        | 14        | 136.2          | \$577        |
| Hefty         | H09X7          | RRX         | 0.9        | MR          | DST        | 63.6        | 13.1        | 17        | 136.2          | \$575        |
| Dairyland     | DSR-1120/R2Y   | RR2Y        | 1.1        | S           | CMB        | 61.7        | 12.8        | 34        | 136.2          | \$558        |
| Dyna-Gro      | S12RY44        | RR2Y        | 1.2        | R           | CMB        | 61.1        | 13.0        | 14        | 136.2          | \$553        |
| <b>REA</b>    | <b>66G14 §</b> | <b>RR2Y</b> | <b>0.6</b> | <b>R</b>    | <b>ACi</b> | <b>60.8</b> | <b>12.9</b> | <b>14</b> | <b>138.9</b>   | <b>\$550</b> |
| Dairyland     | DSR-0807/R2Y   | RR2Y        | 0.8        | S           | CMB        | 60.8        | 13.2        | 14        | 136.2          | \$550        |
| Federal       | F106NRR2Y      | RR2Y        | 1.0        | R           | MAG        | 60.6        | 13.0        | 14        | 136.2          | \$548        |
| Hefty         | H08X7          | RRX         | 0.8        | MR          | DST        | 60.5        | 13.2        | 20        | 136.2          | \$547        |
| <b>REA</b>    | <b>69G14</b>   | <b>RR2Y</b> | <b>0.9</b> | <b>MR</b>   | <b>ACi</b> | <b>60.4</b> | <b>13.1</b> | <b>14</b> | <b>136.2</b>   | <b>\$546</b> |
| Proseed       | XT609 §        | RRX         | 0.9        | R           | CMBV       | 60.3        | 12.9        | 14        | 130.8          | \$546        |
| Dyna-Gro      | S09RY64        | RR2Y        | 0.9        | R           | CMB        | 59.8        | 13.1        | 13        | 136.2          | \$541        |
| Asgrow        | AG1135 §       | RR2Y        | 1.1        | R           | ACi        | 59.6        | 12.8        | 26        | 136.2          | \$539        |
| Stine         | 09RH26 §       | RR2Y        | 0.9        | R           | SFI        | 59.5        | 13.3        | 17        | 136.2          | \$538        |
| Mustang       | 07X727         | RRX         | 0.7        | R           | ACi        | 59.5        | 13.0        | 20        | 136.2          | \$538        |
| Prairie Brand | PB-0777R2 §    | RR2Y        | 0.7        | R           | CCB,In     | 59.4        | 12.0        | 12        | 136.2          | \$538        |
| Pioneer       | 90Y80 §        | RR          | 0.8        | S           | EE,G,IL    | 59.1        | 13.2        | 19        | 136.2          | \$535        |
| Prairie Brand | PB-1257R2      | RR2Y        | 1.2        | R           | CCB,In     | 59.0        | 12.8        | 31        | 136.2          | \$534        |
| Titan Pro     | TP-09X25       | RRX         | 0.9        | R           | None       | 58.8        | 12.9        | 29        | 136.2          | \$532        |
| Latham        | L0982R2        | RR2Y        | 0.9        | R           | SS+        | 58.8        | 13.8        | 12        | 136.2          | \$531        |
| Latham        | L1285R2X       | RRX         | 1.2        | MR          | CCB,Me     | 58.7        | 12.8        | 21        | 136.2          | \$531        |
| Asgrow        | AG0934 §       | RR2Y        | 0.9        | R           | ACi        | 58.7        | 13.0        | 23        | 136.2          | \$531        |
| Titan Pro     | TP-12X55       | RRX         | 1.2        | R           | None       | 58.5        | 12.9        | 17        | 138.9          | \$529        |
| Hefty         | H12X7          | RRX         | 1.2        | MR          | DST        | 58.4        | 12.5        | 20        | 136.2          | \$529        |
| Federal       | F087NRR2Y      | RR2Y        | 0.8        | R           | MAG        | 58.3        | 13.2        | 34        | 138.9          | \$527        |
| Federal       | F0860NR2X      | RRX         | 0.8        | R           | MAG        | 58.2        | 11.9        | 13        | 136.2          | \$527        |
| Proseed       | XT613          | RRX         | 1.3        | R           | CMBV       | 58.0        | 12.8        | 27        | 136.2          | \$525        |
| Latham        | L0685R2        | RR2Y        | 0.6        | R           | SS+        | 57.8        | 13.4        | 17        | 136.2          | \$523        |
| Thunder       | 3408R2YN       | RR2Y        | 0.8        | R           | CMB        | 57.6        | 13.3        | 17        | 138.9          | \$521        |
| Federal       | F0960NR2X      | RRX         | 0.9        | R           | None       | 57.5        | 12.4        | 16        | 136.2          | \$520        |

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|              |             |             |           |              |  |
|--------------|-------------|-------------|-----------|--------------|--|
| Averages =   | <b>56.6</b> | <b>12.9</b> | <b>18</b> | <b>136.2</b> | <b>\$512</b>                             |
| LSD (0.10) = | 7.8         | 0.8         | 14        |              |  |
| LSD (0.25) = | 5.4         | 0.5         | 10        |              |  |
| C.V. =       | 10.2        |             |           |              | Prev. years avg. yield, 46.4 bu/a, 4 yrs |

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.020 Prices = \$9.05 GMO; \$9.05 non-GMO

**TEST COMMENTS:** *The yield for the field surrounding this years test site averaged in the upper forties, which was roughly 10 bu/acre less than other soybean fields Tim and Jeff harvested. There was significant lodging throughout the field, with later maturities being affected more than earlier. The surrounding field had a little chemical drift damage, but the plot was not affected.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 9/29/2016 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® 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.  |
| §  | United Soybean Board sponsored entry   |

### Soybean Technologies

|      |                                 |
|------|---------------------------------|
| LL   | LibertyLink®                    |
| None | Conventional, non-GMO           |
| P    | Plenish®                        |
| RR   | glyphosate tolerant             |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX  | Genuity® Roundup Ready 2 Xtend® |
| ST   | sulfonylurea tolerant           |

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

|      |   |      |                                  |
|------|---|------|----------------------------------|
| n/a  | info unavailable                              | IL   | ILeVO®                           |
| AC   | Acceleron® fungicide products                 | In   | Intego™ Solo                     |
| ACi  | Acceleron® fungicide and insecticide products | IS   | Intego™ Suite                    |
| AG   | ArmourGuard™                                  | MAG  | Maximum ArmourGuard™             |
| AM   | ApronMaxx®                                    | Me   | Mertect®                         |
| AVB  | Avicta® Complete Beans                        | Mg   | Magnum ST™ (standard)            |
| CCB  | Clariva™ Complete Beans                       | NCFI | N-Compass™ Plus F/I              |
| CI   | Clariva™ pn                                   | None | untreated                        |
| CMB  | CruiserMaxx® Beans                            | PV   | Poncho®/Votivo®                  |
| CMBV | CruiserMaxx® Beans with Vibrance              | SDPI | Servo™ DPI                       |
| DPHB | DPH Boost®                                    | SFI  | Stine XP fungicide & insecticide |
| DST  | Dominance™ ST                                 | SS   | Soyshield™                       |
| DX   | Defend™ Extra                                 | SS+  | Soyshield Plus™                  |
| EE   | Evergol™ Energy                               | SStd | SureStand™                       |
| En   | Encase®                                       | TE   | Trius™ Elite                     |
| G    | Gaucho®                                       | WCX  | Warden® CX                       |
| Gr+  | Great Start™ Max Plus                         |      |                                  |

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