

## 2016 Soybean Top 30 Harvest Report

South Dakota East Central [ SDEC ] FLANDREAU  
Stuart Benson, Moody County, SD 57028



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Corn  
SOIL DESCRIPTION: Moody clay loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 6.2 pH, 4 % OM, no SCN  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Roundup, Flexstar, Warrior, Domark  
SEEDED - RATE - ROW: May 18 150,000 /A 30" Spacing  
HARVESTED - STAND: Oct 17 118,800 /A

**All-Season Test**  
**Maturity Group 1.6 - 2.3**  
S2016SDEC06

**Top 30 of 63**  
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 |
|---------------|----------------|-----------|------|-------------|------------|-------------|------------|-----------|----------------|--------------|
| Latham        | L1858R2        | RR2Y      | 1.8  | R           | CCB,Me     | <b>78.5</b> | 14.9       | 2         | 122.0          | \$704        |
| Dyna-Gro      | S21XT77        | RRX       | 2.1  | R           | ACi        | <b>76.2</b> | 15.1       | 2         | 120.5          | \$683        |
| Hefty         | H20X7          | RRX       | 2.0  | MR          | DST        | <b>75.7</b> | 15.1       | 2         | 119.1          | \$678        |
| Latham        | L2184R2X       | RRX       | 2.1  | R           | SS         | <b>75.4</b> | 15.1       | 1         | 122.0          | \$675        |
| Pfister       | 18R201         | RR2Y      | 1.8  | R           | CCB        | <b>74.9</b> | 15.1       | 2         | 123.9          | \$671        |
| Renk          | RS187NR2       | RR2Y      | 1.8  | R           | CMB        | <b>74.9</b> | 15.3       | 3         | 113.3          | \$671        |
| Mustang       | 19726          | RR2Y      | 1.9  | R           | NCFI       | 74.6        | 15.2       | 1         | 121.0          | \$668        |
| Pioneer       | P22T41R2 §     | RR2Y      | 2.2  | R           | EE,G       | 74.3        | 15.3       | 1         | 117.1          | \$665        |
| NK Brand      | S20-T6 §       | RR2Y      | 2.0  | MR          | CCB,Me     | 74.0        | 15.0       | 2         | 120.0          | \$663        |
| Latham        | L1673R2        | RR2Y      | 1.6  | S           | SS+        | 74.0        | 15.4       | 3         | 122.9          | \$662        |
| Renk          | RS207NX        | RRX       | 2.0  | R           | CMBV       | 73.6        | 14.9       | 1         | 120.5          | \$660        |
| Mustang       | 21X127         | RRX       | 2.1  | R           | ACi        | 73.5        | 15.0       | 1         | 122.0          | \$659        |
| Asgrow        | AG1636 §       | RR2Y      | 1.6  | R           | ACi        | 73.5        | 15.2       | 2         | 121.0          | \$658        |
| Pioneer       | P20T79R2 §     | RR2Y      | 2.0  | R           | None       | 73.2        | 15.1       | 2         | 119.1          | \$656        |
| NK Brand      | S19-B2 §       | RR2Y      | 1.9  | R           | CCB,Me     | 73.1        | 15.3       | 2         | 119.1          | \$655        |
| Prairie Brand | PB-1947R2      | RR2Y      | 1.9  | R           | CCB,In     | 73.0        | 15.1       | 2         | 118.1          | \$654        |
| Titan Pro     | TP-21X46       | RRX       | 2.1  | R           | None       | 72.8        | 15.0       | 2         | 119.5          | \$652        |
| Asgrow        | AG1935 §       | RR2Y      | 1.9  | R           | ACi        | 72.8        | 15.2       | 3         | 119.5          | \$652        |
| Dyna-Gro      | S19RY65        | RR2Y      | 1.9  | R           | CCB        | 72.5        | 15.2       | 1         | 122.0          | \$649        |
| Prairie Brand | PB-1787R2      | RR2Y      | 1.7  | R           | CCB,In     | 72.5        | 15.2       | 3         | 115.2          | \$649        |
| NK Brand      | S21-M7 §       | RR2Y      | 2.1  | R           | CCB,Me     | 72.4        | 15.2       | 2         | 116.6          | \$648        |
| Channel       | 2108R2         | RR2Y      | 2.1  | R           | None       | 71.9        | 15.3       | 1         | 120.0          | \$644        |
| Dairyland     | DSR-2017/R2Y   | RR2Y      | 2.0  | R           | CMB        | 71.4        | 14.7       | 2         | 114.2          | \$640        |
| Latham        | L2128R2        | RR2Y      | 2.1  | R           | CCB,Me     | 71.3        | 15.2       | 1         | 121.5          | \$639        |
| Pioneer       | P22T73R §      | RR        | 2.2  | R           | EE,G       | 71.3        | 15.4       | 3         | 122.9          | \$638        |
| Stine         | 19RF32 §       | RR2Y      | 1.9  | R           | SFI        | 71.2        | 15.1       | 2         | 122.0          | \$638        |
| Prairie Brand | PB-1956R2      | RR2Y      | 1.9  | R           | CCB,In     | 70.9        | 15.2       | 4         | 117.1          | \$635        |
| REA           | R1815          | RR2Y      | 1.8  | R           | ACi        | 70.8        | 15.1       | 3         | 120.0          | \$634        |
| Dairyland     | DSR-2110/R2Y   | RR2Y      | 2.1  | R           | CMB        | 70.7        | 15.2       | 1         | 117.1          | \$633        |
| Asgrow        | AG2035 §       | RR2Y      | 2.0  | R           | ACi        | 70.6        | 15.2       | 2         | 118.1          | \$632        |

Averages = **69.5** **15.2** **4** **118.8** **\$623**  
LSD (0.10) = 5.3 0.3 7  
LSD (0.25) = 3.7 0.2 5  
C.V. = 5.6 Prev. years avg. yield, 51.5 bu/a, 8 yrs

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

**TEST COMMENTS:** *This test was planted in mid-May, just before a 2 week wet period. Overall, rainfall was above normal throughout the growing season. This was a uniform test site with consistent soybean heights, over 36 inches, consistent high yields, and large sized beans. A few volunteer corn plants but otherwise, no weeds or diseases of significance were noticed.*

† 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: 10/18/2016 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.