

**2017 Soybean Top 30 Harvest Report**  
 South Dakota Northeast [ SDNE ] ARLINGTON  
 Tim Bjorklund, Brookings County, SD 57212



PREV. CROP/HERB: Corn / SureStart, Durango, atrazine, Callisto  
 SOIL DESCRIPTION: Hetland silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Very high P, medium K, 5.5 pH, 5.6% OM, 26.2 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Roundup, Durango, Sonic, Sharpen  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: Jun 1 150,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 18 114,800 /A

**All-Season Test**  
**Maturity Group 1.0 - 1.7**  
 S2017SDNE12

**Top 30 of 63**

For Gross Income (Sorted by Yield)  
 Average of (2) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A  | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|----------------|-----------|------|-------------|-------------|------------|-----------|----------------|----------------------|------|
| LG Seeds      | C1838RX        | RRX       | 1.8  | R           | <b>62.0</b> | 12.9       | 1         | 122.0          | \$558                | 1    |
| Stine         | 13RI32 §       | RR2Y      | 1.3  | R           | <b>61.7</b> | 11.2       | 1         | 117.6          | \$555                | 2    |
| Dyna-Gro      | S17RY67        | RR2Y      | 1.7  | R           | <b>61.2</b> | 11.1       | 1         | 119.1          | \$551                | 3    |
| Pioneer       | P14T70R2 §     | RR2Y      | 1.4  | R           | <b>59.7</b> | 11.1       | 1         | 117.6          | \$537                | 4    |
| Prairie Brand | PB-1787R2      | RR2Y      | 1.7  | R           | <b>59.4</b> | 11.3       | 1         | 108.9          | \$535                | 5    |
| Prairie Brand | PB-1376R2      | RR2Y      | 1.3  | R           | <b>59.1</b> | 10.8       | 1         | 117.6          | \$532                | 6    |
| Latham        | L1386R2X       | RRX       | 1.3  | R           | <b>59.0</b> | 11.1       | 1         | 125.6          | \$531                | 7    |
| Dairyland     | DSR-1721/R2Y   | RR2Y      | 1.7  | R           | <b>59.0</b> | 12.2       | 3         | 117.6          | \$531                | 8    |
| Prairie Brand | PB-1257R2      | RR2Y      | 1.2  | R           | <b>58.3</b> | 11.5       | 1         | 116.2          | \$525                | 9    |
| Latham        | L1673R2        | RR2Y      | 1.6  | S           | <b>57.7</b> | 11.2       | 1         | 123.4          | \$519                | 10   |
| Hefty         | H11X8          | RRX       | 1.1  | R           | <b>57.0</b> | 11.3       | 1         | 119.1          | \$513                | 11   |
| Latham        | L1748R2        | RR2Y      | 1.7  | R           | <b>56.7</b> | 11.3       | 1         | 119.1          | \$510                | 12   |
| Dairyland     | DSR-1475/R2Y   | RR2Y      | 1.4  | R           | <b>56.5</b> | 11.1       | 1         | 124.9          | \$509                | 13   |
| Legacy Seeds  | LS-1338NRR2X   | RRX       | 1.3  | R           | <b>56.2</b> | 10.9       | 1         | 126.3          | \$506                | 14   |
| Titan Pro     | TP-14X27       | RRX       | 1.4  | MR          | <b>56.2</b> | 11.7       | 1         | 123.4          | \$506                | 15   |
| Dairyland     | DSR-1526/R2Y   | RR2Y      | 1.5  | R           | <b>56.1</b> | 11.2       | 1         | 117.6          | \$505                | 16   |
| NorthStar     | NS 1492NR2 §   | RR2Y      | 1.4  | R           | <b>55.4</b> | 11.1       | 1         | 122.0          | \$499                | 17   |
| Renk          | RS153NR2       | RR2Y      | 1.5  | R           | <b>55.4</b> | 11.5       | 1         | 119.1          | \$499                | 18   |
| Jacobsen Seed | J678NR2X       | RRX       | 1.8  | R           | 54.7        | 12.1       | 1         | 104.5          | \$492                | 19   |
| Renk          | RS168NX        | RRX       | 1.6  | R           | 54.5        | 11.1       | 1         | 116.2          | \$491                | 20   |
| Latham        | L1454EXGT      | BG        | 1.4  | S           | 54.1        | 11.8       | 1         | 123.4          | \$487                | 21   |
| Jacobsen Seed | J573NR2X       | RRX       | 1.4  | R           | 53.5        | 11.5       | 1         | 119.1          | \$482                | 22   |
| Latham        | L1584R2X       | RRX       | 1.5  | R           | 53.3        | 11.3       | 1         | 114.7          | \$480                | 23   |
| Asgrow        | AG14X7 §       | RRX       | 1.4  | R           | 53.1        | 11.0       | 1         | 113.3          | \$478                | 24   |
| Hefty         | H12X7          | RRX       | 1.2  | MR          | 53.1        | 11.5       | 1         | 119.1          | \$478                | 25   |
| Titan Pro     | TP-11X37       | RRX       | 1.1  | MR          | 52.8        | 11.2       | 1         | 117.6          | \$475                | 26   |
| Legacy Seeds  | LS-1136NRR2X   | RRX       | 1.1  | R           | 52.8        | 11.7       | 1         | 113.3          | \$475                | 27   |
| Thunder       | SB8814N        | RRX       | 1.4  | R           | 52.7        | 11.9       | 1         | 116.2          | \$474                | 28   |
| REA           | RX1428         | RRX       | 1.4  | R           | 52.5        | 10.8       | 1         | 104.5          | \$473                | 29   |
| REA           | RX1727         | RRX       | 1.7  | R           | 52.3        | 11.6       | 1         | 116.2          | \$471                | 30   |

Averages = **51.6** **11.3** **1** **114.8** **\$465**

LSD (0.10) = 3.2 0.5 ns

LSD (0.25) = 1.7 0.2 ns

C.V. = 4.8 Prev. years avg. yield, 50.7 bu/a, 4 yrs

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

**TEST COMMENTS:** This no-till site was slow to dry this spring and delayed planting to June 1. The soil remained dry after planting making emergence uneven. A replication with poor stand and wet soil conditions was not suitable for plot data, thus eliminated. Average soybean plants were 30" tall with tightly spaced pods that produced good yields. Plants had pods down to the soil surface that made harvest difficult.

† 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: 10/21/2017 Revised:

**2017 Soybean - South Dakota Northeast [ SDNE ]**

**All-Season Test Products (63 Total)**

| Company/Brand  | Product/Brand   | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|----------------|-----------------|----------|------|-----|----------|---------------|---------------|----------|------|-----|----------|
| Asgrow         | AG11X8 §        | RRX      | 1.1  | R   | ACi      | REA           | RX1027        | RRX      | 1.0  | R   | ACi      |
| Asgrow         | AG14X7 §        | RRX      | 1.4  | R   | ACi      | REA           | RX1327        | RRX      | 1.3  | R   | ACi      |
| Asgrow         | AG17X8 §        | RRX      | 1.7  | R   | ACi      | REA           | RX1428        | RRX      | 1.4  | R   | ACi      |
| Dairyland      | DSR-1475/R2Y    | RR2Y     | 1.4  | R   | CMB      | REA           | RX1727        | RRX      | 1.7  | R   | ACi      |
| Dairyland      | DSR-1526/R2Y    | RR2Y     | 1.5  | R   | CMB      | Renk          | RS118NX       | RRX      | 1.1  | R   | AM,IL    |
| Dairyland      | DSR-1721/R2Y    | RR2Y     | 1.7  | R   | CMB      | Renk          | RS147NR2      | RR2Y     | 1.4  | R   | EcTC     |
| Dyna-Gro       | S16XT58         | RRX      | 1.6  | R   | EQV,Ci   | Renk          | RS148NX       | RRX      | 1.4  | R   | AM,IL    |
| Dyna-Gro       | S17RY67         | RR2Y     | 1.7  | R   | EQV,Ci   | Renk          | RS153NR2      | RR2Y     | 1.5  | R   | EcTC     |
| Golden Harvest | GH1024X §       | RRX      | 1.0  | MR  | CCB,Me   | Renk          | RS168NX       | RRX      | 1.6  | R   | AM,IL    |
| Golden Harvest | GH1486X         | RRX      | 1.4  | R   | CCB,Me   | Stine         | 13RI32 §      | RR2Y     | 1.3  | R   | SFI      |
| Hefty          | H11X8           | RRX      | 1.1  | R   | DST      | Stine         | 14RD62 §      | RR2Y     | 1.4  | R   | SFI      |
| Hefty          | H12X7           | RRX      | 1.2  | MR  | DST      | Thunder       | 3614R2YN      | RR2Y     | 1.4  | R   | CMB      |
| Hefty          | H13X7           | RRX      | 1.3  | R   | DST      | Thunder       | SB8710N       | RRX      | 1.0  | R   | CMB      |
| Hefty          | H13X8           | RRX      | 1.3  | R   | DST      | Thunder       | SB8811N       | RRX      | 1.1  | R   | CMB      |
| Hefty          | H14X8           | RRX      | 1.4  | R   | DST      | Thunder       | SB8814N       | RRX      | 1.4  | R   | CMB      |
| Hefty          | H16X8           | RRX      | 1.6  | R   | DST      | Titan Pro     | TP-11X37      | RRX      | 1.1  | MR  | IS,IL    |
| Jacobsen Seed  | J573NR2X        | RRX      | 1.4  | R   | AC,PV    | Titan Pro     | TP-14X27      | RRX      | 1.4  | MR  | IS,IL    |
| Jacobsen Seed  | J574NR2         | RR2Y     | 1.4  | R   | AC,PV    | Titan Pro     | TP-16X77      | RRX      | 1.6  | MR  | IS,IL    |
| Jacobsen Seed  | J678NR2X        | RRX      | 1.8  | R   | AC,PV    |               |               |          |      |     |          |
| Latham         | L1184R2X        | RRX      | 1.1  | R   | SS+      |               |               |          |      |     |          |
| Latham         | L1386R2X        | RRX      | 1.3  | R   | CCB,Me   |               |               |          |      |     |          |
| Latham         | L1438R2         | RR2Y     | 1.4  | R   | CCB,Me   |               |               |          |      |     |          |
| Latham         | L1454EXGT       | BG       | 1.4  | S   | SS+      |               |               |          |      |     |          |
| Latham         | L1584R2X        | RRX      | 1.5  | R   | SS+      |               |               |          |      |     |          |
| Latham         | L1673R2         | RR2Y     | 1.6  | S   | CCB,Me   |               |               |          |      |     |          |
| Latham         | L1684R2X        | RRX      | 1.6  | R   | CCB,Me   |               |               |          |      |     |          |
| Latham         | L1748R2         | RR2Y     | 1.7  | R   | SS+      |               |               |          |      |     |          |
| Legacy Seeds   | LS-1136NRR2X    | RRX      | 1.1  | R   | F,G      |               |               |          |      |     |          |
| Legacy Seeds   | LS-1138NRR2X    | RRX      | 1.1  | R   | F,G      |               |               |          |      |     |          |
| Legacy Seeds   | LS-1338NRR2X    | RRX      | 1.3  | R   | F,G      |               |               |          |      |     |          |
| Legacy Seeds   | LS-1638NRR2X    | RRX      | 1.6  | R   | F,G      |               |               |          |      |     |          |
| LG Seeds       | C1838RX         | RRX      | 1.8  | R   | ASfi,IL  |               |               |          |      |     |          |
| Mustang        | 12X928          | RRX      | 1.2  | R   | F,I      |               |               |          |      |     |          |
| Mustang        | 14X428          | RRX      | 1.4  | R   | F,I      |               |               |          |      |     |          |
| Mustang        | 16X628          | RRX      | 1.6  | R   | F,I      |               |               |          |      |     |          |
| NK Brand       | S12-R3 §        | RR2Y     | 1.2  | R   | CCB,Me   |               |               |          |      |     |          |
| NK Brand       | S14-B2X §       | RRX      | 1.4  | R   | CCB,Me   |               |               |          |      |     |          |
| NorthStar      | NS 1492NR2 §    | RR2Y     | 1.4  | R   | CCB      |               |               |          |      |     |          |
| NorthStar      | NS 61633NXR2 GC | RRX      | 1.6  | R   | CCB      |               |               |          |      |     |          |
| Pioneer        | P10T41X §       | RRX      | 1.0  | R   | EE,G     |               |               |          |      |     |          |
| Pioneer        | P14T70R2 §      | RR2Y     | 1.4  | R   | EE,G,IL  |               |               |          |      |     |          |
| Pioneer        | P15T83R §       | RR       | 1.5  | R   | EE,G     |               |               |          |      |     |          |
| Prairie Brand  | PB-1257R2       | RR2Y     | 1.2  | R   | CMB      |               |               |          |      |     |          |
| Prairie Brand  | PB-1376R2       | RR2Y     | 1.3  | R   | CMB      |               |               |          |      |     |          |
| Prairie Brand  | PB-1787R2       | RR2Y     | 1.7  | R   | CMB      |               |               |          |      |     |          |

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

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