

**2017 Soybean Top 30 Harvest Report**  
 Minnesota South Central [ MNSC ] MADISON LAKE  
 Mike Krenik, Le Sueur County, MN 56063



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Harness, Status, Accent  
 SOIL DESCRIPTION: Lesueur loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 5.2% OM  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Flexstar, Roundup  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 15 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 24 121,000 /A

**Early-Season Test**  
**Maturity Group 1.5 - 1.8**  
 S2017MNSC04a

**Top 30 of 42**

For Gross Income (Sorted by Yield)  
 Average of (1) Replication

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|----------------|-----------|------|-------------|------------|------------|-----------|----------------|----------------------|------|
| Deere         | 1P-18027       | RR2       | 1.8  | RR          | 55.9       | 11.2       | 0         | 127.4          | \$472                | 1    |
| Latham        | L180R2         | RR2       | 1.8  | R           | 55.7       | 10.9       | 0         | 126.8          | \$471                | 2    |
| Deere         | 1P-18024       | RR2       | 1.8  | R           | 55.2       | 12.0       | 0         | 124.8          | \$447                | 3    |
| Deere         | 1P-18017B      | RR2       | 1.8  | RR          | 57.3       | 10.9       | 0         | 125.0          | \$438                | 4    |
| Deere         | 1P-18017       | RR2       | 1.8  | RR          | 55.3       | 10.9       | 0         | 124.8          | \$438                | 5    |
| Deere         | 1P-18017B2     | RR2       | 1.7  | R           | 54.4       | 11.1       | 0         | 119.0          | \$411                | 6    |
| Northrup      | NS-18018R2     | RR2       | 1.8  | R           | 53.9       | 11.1       | 0         | 117.8          | \$407                | 7    |
| L.S. Seeds    | C180R2         | RR2       | 1.8  | R           | 52.2       | 11.7       | 0         | 115.0          | \$401                | 8    |
| Latham        | L180R2         | RR2       | 1.8  | R           | 51.0       | 11.9       | 0         | 114.0          | \$479                | 9    |
| Holly         | H1802          | RR2       | 1.8  | R           | 49.9       | 10.4       | 0         | 114.0          | \$449                | 11   |
| Anderson      | AS117          | RR2       | 1.8  | R           | 49.9       | 11.1       | 0         | 114.0          | \$449                | 12   |
| Thunder       | TS18018        | RR2       | 1.8  | R           | 49.9       | 11.1       | 0         | 114.0          | \$449                | 13   |
| Northrup      | NS-18018R2     | RR2       | 1.8  | R           | 49.9       | 11.1       | 0         | 114.0          | \$449                | 14   |
| Federal       | F180R2         | RR2       | 1.8  | R           | 47.1       | 10.8       | 0         | 114.0          | \$439                | 15   |
| Deere         | 1P-18017B      | RR2       | 1.8  | R           | 47.1       | 10.9       | 0         | 113.0          | \$432                | 16   |
| Prime Seed    | PS-170R2       | RR2       | 1.7  | R           | 47.0       | 11.1       | 0         | 113.2          | \$431                | 17   |
| Holly         | H1802          | RR2       | 1.8  | R           | 47.9       | 11.3       | 0         | 114.8          | \$430                | 18   |
| Federal       | F180R2         | RR2       | 1.8  | R           | 47.4       | 10.7       | 0         | 117.8          | \$448                | 19   |
| Wooling       | W1802          | RR2       | 1.8  | R           | 47.3       | 10.8       | 0         | 115.0          | \$448                | 20   |
| Anderson      | AS121          | RR2       | 1.8  | R           | 47.2       | 10.7       | 0         | 115.0          | \$448                | 21   |
| Stone         | S1802 g        | RR2       | 1.8  | R           | 47.2       | 11.0       | 0         | 115.0          | \$448                | 22   |
| Northrup      | NS-18018R2     | RR2       | 1.8  | R           | 46.8       | 11.1       | 0         | 119.0          | \$440                | 23   |
| Dalhousie     | DS-18018       | RR2       | 1.8  | R           | 45.7       | 10.8       | 0         | 124.8          | \$430                | 24   |
| Anderson      | AS121          | RR2       | 1.8  | R           | 45.7       | 11.4       | 0         | 121.8          | \$430                | 25   |
| Latham        | L180R2         | RR2       | 1.8  | RR          | 45.2       | 11.0       | 0         | 123.2          | \$430                | 26   |
| Latham        | L170R2         | RR2       | 1.7  | R           | 44.8       | 11.0       | 0         | 124.0          | \$421                | 27   |
| Deere         | 1P-18017       | RR2       | 1.7  | R           | 44.1       | 10.9       | 0         | 117.8          | \$410                | 28   |
| Pharo         | PS11           | RR2       | 1.8  | R           | 43.1       | 11.3       | 0         | 124.8          | \$430                | 29   |
| Proseed       | PS-170R        | RR2       | 1.8  | R           | 43.0       | 11.1       | 0         | 114.8          | \$438                | 30   |
| Proseed       | PS-170R2 g     | RR2       | 1.8  | R           | 42.7       | 10.8       | 0         | 121.4          | \$431                | 31   |

DATA REJECTED

Averages = **46.5**    **11.1**    **0**    **121.0**    **\$437**  
 LSD (0.10) =  
 LSD (0.25) =  
 C.V. =  
 Prev. years avg. yield, 54.4 bu/a, 10 yrs

*Mark Querna*  
 Mark Querna  
 mark.querna@firstseedtests.com, (507) 380-9920

**Yield & Income Factors:** Base Moisture = 13.0%    Shrink = 1.3    Drying = \$0.020    Prices = \$9.40 GMO; \$9.40 non-GMO

**TEST COMMENTS:** *The data from this site is rejected due to excessive weed pressure. A custom applicator sprayed the field surrounding the plot with Flexstar in early June, but did not spray the plot. A rescue spray treatment in late June, followed by handweeding, was too late to save the data here. Monthly rainfall totals here were: Apr 3.46"; May 5.06"; Jun 3.54"; Jul 2.97"; Aug 7.15"; Sep 2.19"; Oct 5.50".*

† 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: 10/25/2017    Revised:

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PREV. CROP/HERB: Corn / Harness, Status, Accent  
 SOIL DESCRIPTION: Lesueur loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 5.2% OM  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Flexstar, Roundup  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 15 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 24 123,300 /A

**Full-Season Test**  
**Maturity Group 1.9 - 2.2**  
 S2017MNSC04b

**Top 30 of 48**  
 For Gross Income (Sorted by Yield)  
 Average of (1) Replication

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|----------------|-----------|------|-------------|------------|------------|-----------|----------------|----------------------|------|
| Dalhousie     | 872006 SC      | 88X       | 2.1  | ns          | 54.5       | 11.8       | 0         | 123.4          | \$517                | 1    |
| LS Seeds      | C22006         | 88X       | 2.2  | ns          | 54.2       | 10.7       | 0         | 124.8          | \$515                | 2    |
| Federal       | 867006         | 88X       | 2.0  | ns          | 54.1       | 11.3       | 0         | 125.0          | \$515                | 3    |
| Dura-Gro      | 52M105         | 882V      | 1.9  | ns          | 53.9       | 11.2       | 0         | 113.4          | \$515                | 4    |
| Agrium        | 862007 S       | 88X       | 2.0  | ns          | 52.9       | 10.7       | 0         | 124.8          | \$515                | 5    |
| LS Seeds      | C22006         | 882V      | 2.2  | ns          | 52.2       | 11.2       | 0         | 125.0          | \$515                | 6    |
| Danland       | 528-1280R2V    | 882V      | 1.9  | ns          | 52.0       | 11.2       | 0         | 119.2          | \$515                | 7    |
| Holly         | 862007         | 88X       | 2.0  | ns          | 52.0       | 11.2       | 0         | 121.5          | \$515                | 8    |
| Bank          | 862006         | 88X       | 2.0  | ns          | 51.9       | 11.5       | 0         | 125.0          | \$515                | 9    |
| Thru-Pro      | 79-2007        | 88X       | 2.0  | ns          | 50.9       | 11.3       | 0         | 124.8          | \$515                | 10   |
| Dalhousie     | 862006 SC      | 88X       | 2.0  | ns          | 50.9       | 11.3       | 0         | 124.8          | \$515                | 11   |
| Federal       | 828006R2A      | 88X       | 2.2  | ns          | 50.1       | 11.3       | 0         | 124.8          | \$515                | 12   |
| Bank          | 862006R2       | 882V      | 1.9  | ns          | 50.0       | 11.8       | 0         | 121.4          | \$514                | 13   |
| Flower        | 28R23          | 882V      | 2.0  | ns          | 49.9       | 11.0       | 0         | 119.0          | \$512                | 14   |
| Bank          | 862006         | 88X       | 2.0  | ns          | 49.9       | 10.9       | 0         | 121.4          | \$514                | 15   |
| Agrium        | 862006 S       | 88X       | 1.9  | ns          | 49.7       | 11.8       | 0         | 121.0          | \$512                | 16   |
| MS Brand      | 529-204 S      | 88X       | 2.0  | ns          | 47.9       | 12.0       | 0         | 123.0          | \$511                | 17   |
| Flower        | 28R20          | 882V      | 2.0  | ns          | 47.3       | 11.3       | 0         | 128.8          | \$508                | 18   |
| Dura-Gro      | 52M105         | 88X       | 2.0  | ns          | 46.8       | 11.5       | 0         | 125.0          | \$508                | 19   |
| Anderson      | 217001         | 88X       | 2.0  | ns          | 46.7       | 10.2       | 0         | 119.0          | \$505                | 20   |
| Latham        | 828006         | 88X       | 2.0  | ns          | 46.5       | 11.9       | 0         | 121.4          | \$505                | 21   |
| Stiva         | 28R20 S        | 88X       | 2.0  | ns          | 46.5       | 12.0       | 0         | 124.8          | \$505                | 22   |
| Northstar     | 86-828006R2    | 88X       | 2.0  | ns          | 46.4       | 10.4       | 0         | 124.8          | \$505                | 23   |
| Frank Brand   | 86-2206        | 882V      | 2.2  | ns          | 46.1       | 10.8       | 0         | 119.0          | \$502                | 24   |
| MS Brand      | 529-70 S       | 882V      | 2.0  | ns          | 45.8       | 10.4       | 0         | 123.2          | \$500                | 25   |
| Latham        | 828006R2       | 88X       | 2.2  | ns          | 45.7       | 10.2       | 0         | 124.8          | \$500                | 26   |
| Federal       | 828006R2A      | 88X       | 2.0  | ns          | 45.7       | 11.3       | 0         | 114.8          | \$500                | 27   |
| Holly         | 862006         | 88X       | 2.2  | ns          | 45.4       | 12.1       | 0         | 123.2          | \$500                | 28   |
| Federal       | 827706 S       | 88X       | 2.2  | ns          | 44.9       | 11.4       | 0         | 119.0          | \$500                | 29   |
| Thru-Pro      | 79-2006        | 88X       | 2.1  | ns          | 44.7       | 11.9       | 0         | 119.0          | \$500                | 30   |

DATA REJECTED

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 Report Date: 10/25/2017    Revised:





## 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     | Gaucha <sup>®</sup>   | YPP  | YP Pro™                                  |

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