

**2015 Soybean Top 30 Harvest Report**  
 Minnesota West Central [ MNWC ] STARBUCK  
 Jim Langman, Sr., Pope County, MN 56381



PREV. CROP/HERB: Corn / SureStart, Roundup  
 SOIL DESCRIPTION: Barnes-Langhei silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.7 pH, 3.8 % OM, low SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Sonic, Roundup, Class Act, Warrior II  
 SEEDING - RATE - ROW: Jun 1 140,100 /A 30" Spacing  
 HARVESTED - STAND: Oct 14 130,700 /A

**All-Season Test**  
**0.6 - 1.5 Day RM**  
 S2015MNWC14

**Top 30 of 72**

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

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|-------------|------------|------------|-----------|----------------|--------------|
| Latham        | L0982R2        | RR2Y      | 0.90 | R           | CMB,CI      | 57.8       | 9.3        | 0         | 131.0          | \$491        |
| NorthStar     | NS 0651NR2 §   | RR2Y      | 0.60 | R           | CMBV        | 57.8       | 9.8        | 0         | 129.6          | \$491        |
| Thunder       | 3408R2YN       | RR2Y      | 0.80 | R           | CMB         | 57.1       | 9.9        | 0         | 130.3          | \$485        |
| Gold Country  | 0814           | RR2Y      | 0.80 | R           | ACi         | 57.0       | 9.7        | 0         | 130.3          | \$485        |
| Thunder       | 3614R2YN       | RR2Y      | 1.40 | R           | CMB         | 56.8       | 9.2        | 0         | 131.7          | \$483        |
| NorthStar     | NS 1441NR2 §   | RR2Y      | 1.40 | R           | CMBV        | 56.0       | 9.4        | 0         | 130.3          | \$476        |
| Stine         | 14RF62 §       | RR2Y      | 1.40 | R           | Sfi         | 56.0       | 9.4        | 0         | 131.0          | \$476        |
| NK Brand      | S13-H5 §       | RR2Y      | 1.30 | R           | CCB         | 55.9       | 9.4        | 0         | 132.4          | \$475        |
| Gold Country  | 1414 §         | RR2Y      | 1.40 | R           | ACi         | 55.5       | 9.4        | 0         | 131.7          | \$472        |
| Renk          | RS115NR2       | RR2Y      | 1.10 | R           | None        | 55.5       | 9.5        | 0         | 128.9          | \$472        |
| Pfister       | 15R202         | RR2Y      | 1.50 | R           | CCB         | 55.2       | 9.2        | 0         | 131.7          | \$469        |
| NorthStar     | NS 1040NR2 §   | RR2Y      | 1.00 | R           | CMBV        | 55.2       | 9.6        | 0         | 133.1          | \$469        |
| LG Seeds      | C1428R2        | RR2Y      | 1.40 | R           | AC,PV       | 55.1       | 9.3        | 0         | 130.3          | \$468        |
| Prairie Brand | PB-1466R2      | RR2Y      | 1.50 | R           | CMBV        | 54.9       | 9.5        | 0         | 133.1          | \$467        |
| NK Brand      | S15-P1 §       | RR2Y      | 1.50 | MR          | CCB         | 54.8       | 9.3        | 0         | 133.1          | \$466        |
| Dairyland     | DSR-1120/R2Y   | RR2Y      | 1.10 | S           | CMB         | 54.4       | 9.1        | 0         | 130.3          | \$462        |
| Mustang       | 09626          | RR2Y      | 0.90 | R           | AC,PV       | 54.2       | 9.6        | 0         | 131.0          | \$461        |
| Latham        | L0685R2        | RR2Y      | 0.60 | R           | CMB,CI      | 54.1       | 9.6        | 0         | 129.6          | \$460        |
| Titan Pro     | 15M22          | RR2Y      | 1.50 | R           | CCB         | 54.0       | 9.3        | 0         | 129.6          | \$459        |
| NorthStar     | NS 0941NR2 §   | RR2Y      | 0.90 | R           | CMBV        | 53.8       | 10.2       | 0         | 131.7          | \$457        |
| Asgrow        | AG0835 §       | RR2Y      | 0.80 | R           | ACi         | 53.8       | 10.2       | 0         | 130.3          | \$457        |
| Asgrow        | AG0934 §       | RR2Y      | 0.90 | R           | ACi         | 53.7       | 9.2        | 0         | 129.6          | \$456        |
| Hefty         | H06R6          | RR2Y      | 0.60 | MR          | DST         | 53.7       | 9.7        | 0         | 130.3          | \$456        |
| Titan Pro     | TP-08R53       | RR2Y      | 0.80 | R           | CCB         | 53.6       | 9.6        | 0         | 129.6          | \$456        |
| Latham        | L1438R2        | RR2Y      | 1.40 | R           | CMB,CI      | 53.5       | 9.3        | 0         | 131.0          | \$455        |
| Latham        | L0765R2        | RR2Y      | 0.70 | S           | SS+         | 53.4       | 9.7        | 0         | 131.7          | \$454        |
| Thunder       | 3606R2YN       | RR2Y      | 0.60 | R           | CMB         | 53.4       | 9.7        | 0         | 131.0          | \$454        |
| NK Brand      | S11-C8 §       | RR2Y      | 1.10 | R           | CCB         | 53.4       | 10.1       | 0         | 131.7          | \$454        |
| Prairie Brand | PB-1586R2      | RR2Y      | 1.50 | MR          | CMBV        | 53.3       | 9.1        | 0         | 131.0          | \$453        |
| NorthStar     | NS 1390NR2 §   | RR2Y      | 1.30 | R           | CMBV        | 53.3       | 9.5        | 0         | 131.0          | \$453        |

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|              |      |     |    |       |       |
|--------------|------|-----|----|-------|-------|
| Averages =   | 52.2 | 9.5 | 0  | 130.7 | \$444 |
| LSD (0.10) = | 5.3  | 0.4 | ns |       |       |
| LSD (0.25) = | 3.7  | 0.3 | ns |       |       |
| C.V. =       | 6.1  | 2.4 |    |       |       |

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.50 GMO; \$8.50 non-GMO

**TEST COMMENTS:** *The planting conditions at this site were ideal this spring. Rainfall was excessive during the growing season and hurt yield in 1 rep which was removed. During the July site visit, there were areas of iron deficiency chlorosis showing up. Symptoms appeared to be variety specific. No other issues were noticed during the July visit. The plant height did vary greatly from about 1 to 3+ feet tall.*

† 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: 10/15/2015 Revised:

**2015 Soybean - Minnesota West Central [ MNWC ]**

**All-Season Test Products (72 Total)**

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|---------------|----------|------|-----|----------|---------------|---------------|----------|------|-----|----------|
| Asgrow        | AG0835 §      | RR2Y     | 0.80 | R   | ACi      | NorthStar     | NS 1040NR2 §  | RR2Y     | 1.00 | R   | CMBV     |
| Asgrow        | AG0934 §      | RR2Y     | 0.90 | R   | ACi      | NorthStar     | NS 1390NR2 §  | RR2Y     | 1.30 | R   | CMBV     |
| Asgrow        | AG1435 §      | RR2Y     | 1.40 | R   | ACi      | NorthStar     | NS 1441NR2 §  | RR2Y     | 1.40 | R   | CMBV     |
| Channel       | 0709R2        | RR2Y     | 0.70 | R   | ACi      | Pfister       | 12R201        | RR2Y     | 1.20 | R   | None     |
| Channel       | 1308R2        | RR2Y     | 1.30 | R   | ACi      | Pfister       | 13R201        | RR2Y     | 1.30 | S   | CCB      |
| Channel       | 1508R2        | RR2Y     | 1.50 | R   | ACi      | Pfister       | 15R202        | RR2Y     | 1.50 | R   | CCB      |
| Dairyland     | DSR-1120/R2Y  | RR2Y     | 1.10 | S   | CMB      | Pioneer       | 90Y41 §       | RR       | 0.40 | R   | None     |
| Dairyland     | DSR-1340/R2Y  | RR2Y     | 1.30 | S   | CMB      | Pioneer       | P10T91R §     | RR       | 1.00 | R   | None     |
| Dairyland     | DSR-1515/R2Y  | RR2Y     | 1.50 | R   | CMB      | Pioneer       | P15T83R       | RR       | 1.50 | R   | EE,C,CI  |
| Dyna-Gro      | S09RY64       | RR2Y     | 0.90 | R   | CCB      | Prairie Brand | PB-0966R2     | RR2Y     | 1.00 | R   | CMBV     |
| Dyna-Gro      | S12RY44       | RR2Y     | 1.20 | R   | CCB      | Prairie Brand | PB-1466R2     | RR2Y     | 1.50 | R   | CMBV     |
| Dyna-Gro      | S14RY95       | RR2Y     | 1.40 | R   | CCB      | Prairie Brand | PB-1586R2     | RR2Y     | 1.50 | MR  | CMBV     |
| Gold Country  | 0543 §        | RR2Y     | 0.50 | R   | ACi      | Renk          | RS096NR2      | RR2Y     | 0.90 | R   | None     |
| Gold Country  | 0814          | RR2Y     | 0.80 | R   | ACi      | Renk          | RS115NR2      | RR2Y     | 1.10 | R   | None     |
| Gold Country  | 0943 §        | RR2Y     | 0.90 | MR  | ACi      | Stine         | 10RD03 §      | RR2Y     | 1.00 | S   | Sfi      |
| Gold Country  | 1043 §        | RR2Y     | 1.00 | MR  | ACi      | Stine         | 14RF06 §      | RR2Y     | 1.40 | S   | Sfi      |
| Gold Country  | 1114          | RR2Y     | 1.10 | R   | ACi      | Stine         | 14RF62 §      | RR2Y     | 1.40 | R   | Sfi      |
| Gold Country  | 1414 §        | RR2Y     | 1.40 | R   | ACi      | Thunder       | 3114R2Y       | RR2Y     | 1.40 | S   | CMB      |
| Hefty         | H06R6         | RR2Y     | 0.60 | MR  | DST      | Thunder       | 3408R2YN      | RR2Y     | 0.80 | R   | CMB      |
| Hefty         | H06Y12        | RR2Y     | 0.60 | S   | DST      | Thunder       | 3511R2YN      | RR2Y     | 1.10 | R   | CMB      |
| Hefty         | H09R4         | RR2Y     | 0.90 | MR  | DST      | Thunder       | 3606R2YN      | RR2Y     | 0.60 | R   | CMB      |
| Hefty         | H10R6         | RR2Y     | 1.00 | MR  | DST      | Thunder       | 3609R2YN      | RR2Y     | 0.90 | R   | CMB      |
| Hefty         | H12R4         | RR2Y     | 1.20 | MR  | DST      | Thunder       | 3614R2YN      | RR2Y     | 1.40 | R   | CMB      |
| Latham        | L0685R2       | RR2Y     | 0.60 | R   | CMB,CI   | Titan Pro     | 15M22         | RR2Y     | 1.50 | R   | CCB      |
| Latham        | L0765R2       | RR2Y     | 0.70 | S   | SS+      | Titan Pro     | TP-08R53      | RR2Y     | 0.80 | R   | CCB      |
| Latham        | L0838R2       | RR2Y     | 0.80 | R   | CMB,CI   | Titan Pro     | TP-09R45      | RR2Y     | 0.90 | R   | CCB      |
| Latham        | L0982R2       | RR2Y     | 0.90 | R   | CMB,CI   | Titan Pro     | TP-11R33      | RR2Y     | 1.10 | R   | CCB      |
| Latham        | L1156R2       | RR2Y     | 1.10 | S   | CMB,CI   |               |               |          |      |     |          |
| Latham        | L1283R2       | RR2Y     | 1.20 | R   | SS+      |               |               |          |      |     |          |
| Latham        | L1438R2       | RR2Y     | 1.40 | R   | CMB,CI   |               |               |          |      |     |          |
| Latham        | L1538R2       | RR2Y     | 1.50 | R   | CMB,CI   |               |               |          |      |     |          |
| LG Seeds      | C0911R2       | RR2Y     | 0.90 | S   | AC,PV    |               |               |          |      |     |          |
| LG Seeds      | C1428R2       | RR2Y     | 1.40 | R   | AC,PV    |               |               |          |      |     |          |
| LG Seeds      | C1530R2 §     | RR2Y     | 1.50 | R   | AC,PV    |               |               |          |      |     |          |
| Mustang       | 08824         | RR2Y     | 0.80 | R   | AC,PV    |               |               |          |      |     |          |
| Mustang       | 09626         | RR2Y     | 0.90 | R   | AC,PV    |               |               |          |      |     |          |
| Mustang       | 12224         | RR2Y     | 1.20 | R   | AC,PV    |               |               |          |      |     |          |
| NK Brand      | S06-Q9 §      | RR2Y     | 0.60 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S11-C8 §      | RR2Y     | 1.10 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S12-H2 §      | RR2Y     | 1.20 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S13-H5 §      | RR2Y     | 1.30 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S15-P1 §      | RR2Y     | 1.50 | MR  | CCB      |               |               |          |      |     |          |
| NorthStar     | NS 0651NR2 §  | RR2Y     | 0.60 | R   | CMBV     |               |               |          |      |     |          |
| NorthStar     | NS 0941NR2 §  | RR2Y     | 0.90 | R   | CMBV     |               |               |          |      |     |          |
| NorthStar     | NS 0949R2 §   | RR2Y     | 0.90 | S   | CMBV     |               |               |          |      |     |          |

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

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|    |   |
|----|---|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® 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  |

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### Soybean Technologies

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|      |                                 |
|------|---------------------------------|
| LL   | LibertyLink®                    |
| None | Conventional, non-GMO           |
| RR   | Roundup Ready® Soybeans         |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| ST   | Sulfonylurea herbicide tolerant |

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### Soybean Cyst Nematode (SCN) Resistance Rating

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|    |                     |
|----|---------------------|
| S  | susceptible         |
| MR | moderate resistance |
| R  | resistant           |
| ?  | info unavailable    |

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### Soybean Seed Treatments\*

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|      |   |      |  |
|------|---|------|--|
| ?    | Information not provided                      | En   | Encase®                                |
| AC   | Acceleron® fungicide products                 | G    | Gaucho®                                |
| ACi  | Acceleron® fungicide and insecticide products | Gr   | Great Start™ Max                       |
| AV   | Avicta®                                       | IL   | ILeVO®                                 |
| AVB  | Avicta® Complete Beans                        | IS   | Intego™ Suite                          |
| C    | Cruiser®                                      | None | untreated                              |
| CC   | Curry® Coat                                   | PS   | MAS ProShield™ QV                      |
| CCB  | Clariva™ Complete Beans                       | PV   | Poncho®/Votivo®                        |
| CI   | Clariva™ pn                                   | Ri   | Rizolex™                               |
| CMB  | CruiserMaxx® Beans                            | Sfi  | Stine fungicide & insecticide products |
| CMBV | CruiserMaxx® Beans with Vibrance              | SS+  | Soyshield Plus™                        |
| DPHB | DPH Boost®                                    | T    | Trilex®                                |
| DST  | Dominance™ ST                                 | TE   | Trius Elite                            |
| Ec   | Eclipse™ IM                                   | TT   | Turbo Treat™                           |
| EE   | Evergol™ Energy                               | WCX  | Warden® CX                             |

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