

2014 Soybean Top 30 Harvest Report

South Dakota Northeast [SDNE] BATH
 Scott Sperry, Brown County, SD 57427



PREV. CROP/HERB: Corn / Roundup, atrazine, Harness Xtra
 SOIL DESCRIPTION: Great Bend-Zell silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 3.8 % OM, No SCN
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup WeatherMax, Authority MTZ , Extreme, Tapout
 SEEDING - RATE - ROW: May 18 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 19 123,200 /A

All-Season Test
1 - 1.7 Day RM
 S2014SDNE12

Top 30 of 72
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| Prairie Brand | PB-1794R2 | RR2Y | 1.70 | R | CMBV | 75.1 | 12.2 | 11 | 133.6 | \$676 |
| Wensman | W 3170NR2 | RR2Y | 1.70 | R | AC,PV | 72.5 | 12.1 | 4 | 130.7 | \$653 |
| Titan Pro | TP-17R54 | RR2Y | 1.70 | R | CCB | 69.9 | 12.2 | 3 | 127.8 | \$629 |
| Renk | RS175NR2 | RR2Y | 1.70 | R | None | 69.7 | 12.1 | 11 | 123.0 | \$627 |
| Wensman | W 3160NR2 | RR2Y | 1.60 | R | AC,PV | 69.5 | 12.5 | 3 | 120.1 | \$626 |
| Hefty | H17R4 | RR2Y | 1.70 | S | DST | 69.4 | 11.6 | 3 | 119.1 | \$625 |
| Dairyland | DSR-1120/R2Y | RR2Y | 1.10 | S | CMB | 69.2 | 12.3 | 15 | 122.0 | \$623 |
| Latham | L1785R2 | RR2Y | 1.70 | R | CCB | 69.1 | 12.2 | 4 | 122.0 | \$622 |
| NorthStar | NS 1800NR2 GC | RR2Y | 1.80 | R | CCB | 68.8 | 12.1 | 10 | 127.8 | \$619 |
| Dyna-Gro | SX14816R | RR2Y | 1.60 | R | CMBV | 67.7 | 11.6 | 2 | 123.0 | \$609 |
| Viking | 1522R2N | RR2Y | 1.50 | R | CMB | 67.3 | 12.2 | 4 | 130.7 | \$606 |
| Wensman | W 3102NR2 | RR2Y | 1.00 | R | AC,PV | 67.2 | 12.2 | 6 | 123.0 | \$605 |
| REA | 75G12 | RR2Y | 1.50 | R | ACi | 66.2 | 12.1 | 8 | 112.8 | \$596 |
| Dyna-Gro | S14RY95 | RR2Y | 1.40 | R | CMBV | 66.1 | 12.3 | 3 | 133.6 | \$595 |
| Hefty | H17R5 | RR2Y | 1.70 | MR | DST | 65.9 | 12.1 | 6 | 130.7 | \$593 |
| Latham | L1258R2 | RR2Y | 1.20 | R | CCB | 65.9 | 12.0 | 8 | 130.7 | \$593 |
| Latham | L1750R2 | RR2Y | 1.70 | S | SS+ | 65.6 | 11.6 | 3 | 112.8 | \$590 |
| Federal | F154NRR2Y | RR2Y | 1.50 | R | CMB | 64.5 | 12.1 | 4 | 120.1 | \$581 |
| Renk | RS145NR2 | RR2Y | 1.40 | R | None | 64.5 | 12.2 | 4 | 112.8 | \$581 |
| Hefty | H13R5 | RR2Y | 1.30 | MR | DST | 64.4 | 12.1 | 8 | 124.9 | \$580 |
| Latham | E1482R2 | RR2Y | 1.40 | R | CCB | 64.3 | 11.8 | 3 | 124.9 | \$579 |
| Hefty | H15R5 | RR2Y | 1.50 | MR | DST | 64.0 | 11.8 | 2 | 112.8 | \$576 |
| Viking | 1234R2N | RR2Y | 1.20 | R | CMB | 63.4 | 12.0 | 4 | 127.8 | \$571 |
| Stine | 14RD62 § | RR2Y | 1.40 | R | None | 63.4 | 12.2 | 6 | 122.0 | \$571 |
| Prairie Brand | PB-1611R2 | RR2Y | 1.60 | S | CMBV | 63.3 | 11.5 | 7 | 124.9 | \$570 |
| REA | R1215 | RR2Y | 1.20 | R | ACi | 63.2 | 12.4 | 4 | 123.0 | \$569 |
| NK Brand | S17-B3 § | RR2Y | 1.70 | R | CCB | 63.0 | 11.9 | 6 | 130.7 | \$567 |
| Asgrow | AG1431 § | RR2Y | 1.40 | R | ACi | 62.8 | 12.0 | 4 | 120.1 | \$565 |
| Latham | L1345R2 | RR2Y | 1.30 | S | SS+ | 62.7 | 12.1 | 4 | 123.0 | \$564 |
| Titan Pro | TP-11R33 | RR2Y | 1.10 | R | CCB | 62.7 | 12.0 | 6 | 112.8 | \$564 |

Test Average = **61.6** **12.1** **5** **123.2** **\$554**
 LSD (0.10) = 6.3 0.3 6
 LSD (0.25) = 4.4 0.2 4
 C.V. = 7.6 1.8

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$9.00 Price = \$9.00 GMO Non-GMO

TEST COMMENTS: *This site had tall soybean plants, with heights in the 36 to 42 inch range. Some recent strong winds caused some lodging in sections of the test. We planted into corn stalks and at harvest, those stalks that remained where tough, forcing us to raise the cutter bar to get through the test. The 7.87 inches of rain that fell here in August really helped make this a really good yielding test.*

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

2014 Soybean - South Dakota Northeast [SDNE]



All-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed | Trt |
|---------------|---------------|----------|------|-----|-------|-----|
| Asgrow | AG1234 § | RR2Y | 1.20 | R | ACi | |
| Asgrow | AG1431 § | RR2Y | 1.40 | R | ACi | |
| Asgrow | AG1733 § | RR2Y | 1.70 | R | ACi | |
| Channel | 1508R2 | RR2Y | 1.50 | R | ACi | |
| Channel | 1700R2 § | RR2Y | 1.70 | R | ACi | |
| Dairyland | DSR-1120/R2Y | RR2Y | 1.10 | S | CMB | |
| Dairyland | DSR-1340/R2Y | RR2Y | 1.30 | S | CMB | |
| Dairyland | DSR-1515/R2Y | RR2Y | 1.50 | MR | CMB | |
| Dairyland | DST15-007/R2Y | RR2Y | 1.50 | MR | CMB | |
| Dyna-Gro | S12RY44 | RR2Y | 1.20 | R | CMBV | |
| Dyna-Gro | S14RY95 | RR2Y | 1.40 | R | CMBV | |
| Dyna-Gro | SX14816R | RR2Y | 1.60 | R | CMBV | |
| Federal | F084NRR2Y | RR2Y | 0.80 | R | CMB | |
| Federal | F115NRR2Y | RR2Y | 1.10 | R | CCB | |
| Federal | F143RR2Y | RR2Y | 1.40 | S | CMB | |
| Federal | F145NRR2Y | RR2Y | 1.40 | R | CCB | |
| Federal | F154NRR2Y | RR2Y | 1.50 | R | CMB | |
| Hefty | H11R3 | RR2Y | 1.10 | S | DST | |
| Hefty | H11R5 | RR2Y | 1.10 | MR | DST | |
| Hefty | H12R4 | RR2Y | 1.20 | R | DST | |
| Hefty | H13R5 | RR2Y | 1.30 | MR | DST | |
| Hefty | H15R5 | RR2Y | 1.50 | MR | DST | |
| Hefty | H16R5 | RR2Y | 1.60 | MR | DST | |
| Hefty | H17R4 | RR2Y | 1.70 | S | DST | |
| Hefty | H17R5 | RR2Y | 1.70 | MR | DST | |
| Latham | E1482R2 | RR2Y | 1.40 | R | CCB | |
| Latham | L1084R2 | RR2Y | 1.00 | R | SS+ | |
| Latham | L1258R2 | RR2Y | 1.20 | R | CCB | |
| Latham | L1345R2 | RR2Y | 1.30 | S | SS+ | |
| Latham | L1383R2 | RR2Y | 1.30 | R | CCB | |
| Latham | L1538R2 | RR2Y | 1.50 | R | CCB | |
| Latham | L1750R2 | RR2Y | 1.70 | S | SS+ | |
| Latham | L1785R2 | RR2Y | 1.70 | R | CCB | |
| NK Brand | S12-H2 § | RR2Y | 1.20 | R | CCB | |
| NK Brand | S14-J7 § | RR2Y | 1.40 | S | CMBV | |
| NK Brand | S17-B3 § | RR2Y | 1.70 | R | CCB | |
| NorthStar | NS 1388NR2 § | RR2Y | 1.30 | R | CMB | |
| NorthStar | NS 1500NR2 GC | RR2Y | 1.50 | R | CCB | |
| NorthStar | NS 1800NR2 GC | RR2Y | 1.80 | R | CCB | |
| Pioneer | P07T50R § | RR | 0.70 | S | EE,G | |
| Pioneer | P10T91R § | RR | 1.00 | R | EE,G | |
| Prairie Brand | PB-1566R2 | RR2Y | 1.50 | R | CMBV | |
| Prairie Brand | PB-1611R2 | RR2Y | 1.60 | S | CMBV | |
| Prairie Brand | PB-1794R2 | RR2Y | 1.70 | R | CMBV | |
| Prairie Brand | PB-1822R2 | RR2Y | 1.80 | R | CMBV | |
| Proseed | P2 30-11 | RR2Y | 1.10 | S | CMB | |
| Proseed | P2 30-12 | RR2Y | 1.20 | R | CMB | |
| Proseed | P2 30-80 | RR2Y | 0.80 | R | CMB | |
| REA | 71G14 | RR2Y | 1.10 | R | ACi | |
| REA | 71G20 | RR2Y | 1.10 | S | ACi | |
| REA | 75G12 | RR2Y | 1.50 | R | ACi | |
| REA | R1215 | RR2Y | 1.20 | R | ACi | |
| REA | R1515 | RR2Y | 1.50 | R | ACi | |
| Renk | RS115NR2 | RR2Y | 1.10 | R | None | |
| Renk | RS145NR2 | RR2Y | 1.40 | R | None | |
| Renk | RS175NR2 | RR2Y | 1.70 | R | None | |
| Stine | 10RD03 § | RR2Y | 1.00 | MR | None | |
| Stine | 14RD62 § | RR2Y | 1.40 | R | None | |
| Thunder | 3114R2Y | RR2Y | 1.40 | S | CMB | |
| Thunder | 3511R2YN | RR2Y | 1.10 | R | CMB | |
| Titan Pro | 15M22 | RR2Y | 1.50 | R | CMBV | |
| Titan Pro | TP-11R33 | RR2Y | 1.10 | R | CCB | |
| Titan Pro | TP-17R54 | RR2Y | 1.70 | R | CCB | |
| Viking | 1234R2N | RR2Y | 1.20 | R | CMB | |
| Viking | 1522R2N | RR2Y | 1.50 | R | CMB | |
| Viking | 1707R2N | RR2Y | 1.70 | R | CMB | |
| Wensman | W 3102NR2 | RR2Y | 1.00 | R | AC,PV | |
| Wensman | W 3108R2 | RR2Y | 1.00 | S | AC,PV | |
| Wensman | W 3121NR2 | RR2Y | 1.20 | R | AC,PV | |
| Wensman | W 3158NR2 | RR2Y | 1.50 | R | AC,PV | |
| Wensman | W 3160NR2 | RR2Y | 1.60 | R | AC,PV | |
| Wensman | W 3170NR2 | RR2Y | 1.70 | R | AC,PV | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company. |
| 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 |
| RR | Roundup Ready® Soybeans |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| 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 not provided | DST | Dominance ST |
| A | Allegiance® | EE | Evergol™ Energy |
| AC | Acceleron® fungicide products | G | Gaucho® |
| ACi | Acceleron® fungicide and insecticide products | I | Inovate™ System |
| AM | ApronMaxx® | M | Maxim® |
| AP | Apron XL® | None | untreated |
| AVB | Avicta® Complete Beans | PS | ProShield™ (Mid-Atlantic Seed) |
| C | Cruiser® | PV | Poncho®/Votivo® |
| CCB | Clariva Complete Beans | SS+ | Soyshield Plus™ |
| CMB | CruiserMaxx® Beans | T | Trilex® |
| CMBV | CruiserMaxx® Beans with Vibrance | | |

* Seed treatments may include unspecified plant health promoting components.