

2014 Soybean Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER
Fred Zenk, Day County, SD 57274



PREV. CROP/HERB: Corn / Roundup, Class Act
SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 7.5 pH, 5.5 % OM, No SCN
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup, Flexstar
SEEDED - RATE - ROW: May 20 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 18 110,400 /A

All-Season Test
1 - 1.7 Day RM
S2014SDNE10

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 | L1785R2 | RR2Y | 1.70 | R | CCB | 58.9 | 13.5 | 4 | 106.0 | \$530 |
| Channel | 1508R2 | RR2Y | 1.50 | R | ACi | 57.7 | 12.9 | 4 | 106.7 | \$519 |
| Stine | 10RD03 § | RR2Y | 1.00 | MR | None | 56.4 | 13.0 | 4 | 118.4 | \$508 |
| Federal | F145NRR2Y | RR2Y | 1.40 | R | CCB | 54.4 | 13.8 | 3 | 104.5 | \$490 |
| Thunder | 3511R2YN | RR2Y | 1.10 | R | CMB | 54.2 | 13.8 | 4 | 107.5 | \$488 |
| NK Brand | S17-B3 § | RR2Y | 1.70 | R | CCB | 53.8 | 13.6 | 4 | 103.1 | \$484 |
| Dyna-Gro | S14RY95 | RR2Y | 1.40 | R | CMBV | 53.5 | 13.2 | 3 | 111.9 | \$482 |
| Hefty | H17R4 | RR2Y | 1.70 | S | DST | 53.5 | 13.0 | 4 | 104.6 | \$482 |
| Wensman | W 3160NR2 | RR2Y | 1.60 | R | AC,PV | 53.5 | 13.4 | 4 | 113.3 | \$482 |
| Dairyland | DSR-1515/R2Y | RR2Y | 1.50 | MR | CMB | 53.4 | 13.1 | 4 | 111.9 | \$481 |
| Titan Pro | 15M22 | RR2Y | 1.50 | R | CMBV | 53.2 | 13.5 | 4 | 111.8 | \$479 |
| Latham | L1538R2 | RR2Y | 1.50 | R | CCB | 52.6 | 12.8 | 4 | 122.0 | \$473 |
| Latham | L1383R2 | RR2Y | 1.30 | R | CCB | 52.0 | 12.6 | 4 | 107.5 | \$468 |
| Renk | RS175NR2 | RR2Y | 1.70 | R | None | 51.7 | 13.6 | 4 | 110.4 | \$465 |
| Wensman | W 3158NR2 | RR2Y | 1.50 | R | AC,PV | 50.7 | 13.0 | 4 | 100.2 | \$456 |
| Dyna-Gro | SX14816R | RR2Y | 1.60 | R | CMBV | 50.7 | 13.0 | 4 | 126.4 | \$456 |
| Titan Pro | TP-11R33 | RR2Y | 1.10 | R | CCB | 50.7 | 13.4 | 4 | 111.8 | \$456 |
| Stine | 14RD62 § | RR2Y | 1.40 | R | None | 50.7 | 13.5 | 4 | 108.9 | \$456 |
| Prairie Brand | PB-1566R2 | RR2Y | 1.50 | R | CMBV | 50.5 | 13.2 | 4 | 111.8 | \$455 |
| REA | R1215 | RR2Y | 1.20 | R | ACi | 50.5 | 13.7 | 4 | 100.2 | \$455 |
| Dyna-Gro | S12RY44 | RR2Y | 1.20 | R | CMBV | 50.3 | 13.5 | 4 | 114.8 | \$453 |
| Renk | RS115NR2 | RR2Y | 1.10 | R | None | 50.3 | 13.8 | 4 | 98.7 | \$453 |
| REA | 75G12 | RR2Y | 1.50 | R | ACi | 50.0 | 13.4 | 4 | 119.1 | \$450 |
| REA | R1515 | RR2Y | 1.50 | R | ACi | 49.9 | 13.1 | 3 | 108.9 | \$449 |
| Wensman | W 3170NR2 | RR2Y | 1.70 | R | AC,PV | 49.6 | 13.6 | 4 | 109.7 | \$446 |
| Hefty | H11R5 | RR2Y | 1.10 | MR | DST | 49.6 | 14.0 | 4 | 108.2 | \$446 |
| Hefty | H15R5 | RR2Y | 1.50 | MR | DST | 49.5 | 13.3 | 4 | 113.3 | \$446 |
| Wensman | W 3108R2 | RR2Y | 1.00 | S | AC,PV | 49.3 | 13.7 | 4 | 101.6 | \$444 |
| Dairyland | DSR-1340/R2Y | RR2Y | 1.30 | S | CMB | 49.2 | 12.8 | 4 | 120.6 | \$443 |
| Viking | 1522R2N | RR2Y | 1.50 | R | CMB | 49.2 | 13.4 | 4 | 119.1 | \$443 |

Test Average = **47.5** **13.4** **4** **110.4** **\$427**
LSD (0.10) = 9.3 0.5 ns
LSD (0.25) = 6.5 0.4 ns
C.V. = 11.7 2.4

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.000 Price = \$9.00 GMO
\$9.00 Non-GMO

TEST COMMENTS: June rainfall was 6.1 inches which resulted in a slow start for the test. Some test sections never recovered from these saturated soils resulting in the loss of 1 rep. At harvest, soybean height was in the 24 inch range. The test was weed-free except a few volunteer corn plants. Soybeans were large at this site. I was a little suprised that these below average height beans yielded this well.

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

Additional reports available at www.firstseedtests.com

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Report date: 10/21/2014 Revised:

2014 Soybean - South Dakota Northeast [SDNE]



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 | AG1234 § | RR2Y | 1.20 | R | ACi | Proseed | P2 30-11 | RR2Y | 1.10 | S | CMB |
| Asgrow | AG1431 § | RR2Y | 1.40 | R | ACi | Proseed | P2 30-12 | RR2Y | 1.20 | R | CMB |
| Asgrow | AG1733 § | RR2Y | 1.70 | R | ACi | Proseed | P2 30-80 | RR2Y | 0.80 | R | CMB |
| Channel | 1508R2 | RR2Y | 1.50 | R | ACi | REA | 71G14 | RR2Y | 1.10 | R | ACi |
| Channel | 1700R2 § | RR2Y | 1.70 | R | ACi | REA | 71G20 | RR2Y | 1.10 | S | ACi |
| Dairyland | DSR-1120/R2Y | RR2Y | 1.10 | S | CMB | REA | 75G12 | RR2Y | 1.50 | R | ACi |
| Dairyland | DSR-1340/R2Y | RR2Y | 1.30 | S | CMB | REA | R1215 | RR2Y | 1.20 | R | ACi |
| Dairyland | DSR-1515/R2Y | RR2Y | 1.50 | MR | CMB | REA | R1515 | RR2Y | 1.50 | R | ACi |
| Dairyland | DST15-007/R2Y | RR2Y | 1.50 | MR | CMB | Renk | RS115NR2 | RR2Y | 1.10 | R | None |
| Dyna-Gro | S12RY44 | RR2Y | 1.20 | R | CMBV | Renk | RS145NR2 | RR2Y | 1.40 | R | None |
| Dyna-Gro | S14RY95 | RR2Y | 1.40 | R | CMBV | Renk | RS175NR2 | RR2Y | 1.70 | R | None |
| Dyna-Gro | SX14816R | RR2Y | 1.60 | R | CMBV | Stine | 10RD03 § | RR2Y | 1.00 | MR | None |
| Federal | F084NRR2Y | RR2Y | 0.80 | R | CMB | Stine | 14RD62 § | RR2Y | 1.40 | R | None |
| Federal | F115NRR2Y | RR2Y | 1.10 | R | CCB | Thunder | 3114R2Y | RR2Y | 1.40 | S | CMB |
| Federal | F143RR2Y | RR2Y | 1.40 | S | CMB | Thunder | 3511R2YN | RR2Y | 1.10 | R | CMB |
| Federal | F145NRR2Y | RR2Y | 1.40 | R | CCB | Titan Pro | 15M22 | RR2Y | 1.50 | R | CMBV |
| Federal | F154NRR2Y | RR2Y | 1.50 | R | CMB | Titan Pro | TP-11R33 | RR2Y | 1.10 | R | CCB |
| Hefty | H11R3 | RR2Y | 1.10 | S | DST | Titan Pro | TP-17R54 | RR2Y | 1.70 | R | CCB |
| Hefty | H11R5 | RR2Y | 1.10 | MR | DST | Viking | 1234R2N | RR2Y | 1.20 | R | CMB |
| Hefty | H12R4 | RR2Y | 1.20 | R | DST | Viking | 1522R2N | RR2Y | 1.50 | R | CMB |
| Hefty | H13R5 | RR2Y | 1.30 | MR | DST | Viking | 1707R2N | RR2Y | 1.70 | R | CMB |
| Hefty | H15R5 | RR2Y | 1.50 | MR | DST | Wensman | W 3102NR2 | RR2Y | 1.00 | R | AC,PV |
| Hefty | H16R5 | RR2Y | 1.60 | MR | DST | Wensman | W 3108R2 | RR2Y | 1.00 | S | AC,PV |
| Hefty | H17R4 | RR2Y | 1.70 | S | DST | Wensman | W 3121NR2 | RR2Y | 1.20 | R | AC,PV |
| Hefty | H17R5 | RR2Y | 1.70 | MR | DST | Wensman | W 3158NR2 | RR2Y | 1.50 | R | AC,PV |
| Latham | E1482R2 | RR2Y | 1.40 | R | CCB | Wensman | W 3160NR2 | RR2Y | 1.60 | R | AC,PV |
| Latham | L1084R2 | RR2Y | 1.00 | R | SS+ | Wensman | W 3170NR2 | RR2Y | 1.70 | R | AC,PV |
| 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 | | | | | | |

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.