

2012 BETTER VARIETIES Harvest Report for North Dakota Southeast [NDSE]

Jay Myers, Richland County, ND 58018 [COLFAX]

ALL SEASON TEST
0.5 - 1.2 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup, Surpass S2NDSE06
 SOIL DESCRIPTION: Loamy sand, Well drained, non-irrigated
 SOIL CONDITIONS: Mod. Low P, Mod. high K, 7.6 pH, 3.5% OM, Low SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: Strip-till
 PEST MANAGEMENT: Roundup, Volunteer
 SEEDED - RATE: May 16 145,000 /A TOP 30 for YIELD of 66 TESTED
 HARVESTED - STAND: Oct 5 116,300 /A AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|----------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| Asgrow | AG0832 § | RR2Y | 0.8 | S | Ac,PV | 52.4 | 6.9 | 0 | 113.5 | \$786 |
| Peterson | 11R08 § | RR2Y | 0.8 | S | None | 52.1 | 6.9 | 4 | 109.5 | \$782 |
| Proseed | P2 20-90 | RR2Y | 0.9 | R | None | 51.9 | 7.0 | 1 | 117.5 | \$779 |
| Peterson | 12R10 § | RR2Y | 1.0 | S | None | 51.6 | 6.9 | 2 | 95.6 | \$774 |
| Croplan | R2T0860 § | RR2Y | 0.8 | S | CMB | 49.1 | 6.9 | 1 | 103.5 | \$737 |
| NorthStar | NS 1257R2 § | RR2Y | 1.2 | R | Ac | 48.5 | 7.0 | 1 | 131.4 | \$728 |
| Wensman | W 3090NR2 | RR2Y | 0.9 | MR | Ac | 48.2 | 7.0 | 1 | 112.5 | \$723 |
| Pioneer | 90Y70 § | RR | 0.7 | S | None | 48.1 | 7.0 | 2 | 115.5 | \$722 |
| Proseed | P2 10-80 § | RR2Y | 0.8 | S | None | 48.0 | 6.9 | 2 | 115.5 | \$720 |
| Renk | RS053R2 § | RR2Y | 0.5 | S | None | 47.9 | 6.9 | 1 | 111.5 | \$719 |
| Hefty | H06Y12 § | RR2Y | 0.6 | S | None | 47.6 | 7.0 | 1 | 113.5 | \$714 |
| Dairyland | DSR-1215R2Y | RR2Y | 1.2 | S | CMB | 47.3 | 7.2 | 2 | 121.5 | \$710 |
| Stine | 08RC68 § | RR2Y | 0.8 | S | None | 46.5 | 7.1 | 1 | 125.4 | \$698 |
| Proseed | P2 2-140 | RR2Y | 1.4 | R | None | 46.5 | 7.0 | 2 | 115.5 | \$698 |
| Hefty | H07R3 | RR2Y | 0.7 | S | None | 46.2 | 6.9 | 4 | 111.5 | \$693 |
| Croplan | R2T0601 § | RR2Y | 0.6 | S | CMB | 46.1 | 7.0 | 5 | 101.6 | \$692 |
| NK Brand | S06-R9 § | RR2Y | 0.6 | S | CMB | 45.8 | 6.7 | 2 | 115.5 | \$687 |
| Mycogen | 5B080R2 § | RR2Y | 0.8 | S | CMB | 45.7 | 6.6 | 2 | 109.5 | \$686 |
| Asgrow | AG0532 § | RR2Y | 0.5 | S | Ac,PV | 44.8 | 6.8 | 1 | 121.5 | \$672 |
| Wensman | W 3050NR2 | RR2Y | 0.5 | MR | Ac | 44.8 | 7.1 | 2 | 119.5 | \$672 |
| Pioneer | 91Y01 § | RR | 1.0 | S | T6 | 44.8 | 7.1 | 14 | 105.5 | \$672 |
| NorthStar | NS 0728R2 § | RR2Y | 0.7 | S | None | 44.7 | 6.7 | 1 | 121.5 | \$671 |
| Dairyland | DSR-0904R2Y | RR2Y | 0.9 | S | CMB | 44.6 | 7.0 | 4 | 137.4 | \$669 |
| Kruger | K2-1001 | RR2Y | 1.0 | S | Ac,PV | 43.9 | 7.1 | 3 | 109.5 | \$659 |
| Kruger | K2-0601 § | RR2Y | 0.6 | S | Ac,PV | 43.8 | 6.9 | 1 | 115.5 | \$657 |
| Wensman | W 3058R2 § | RR2Y | 0.5 | S | Ac | 43.8 | 6.8 | 2 | 111.5 | \$657 |
| Kruger | K2-0801 | RR2Y | 0.8 | S | Ac,PV | 43.3 | 6.8 | 5 | 129.4 | \$650 |
| Proseed | P2 11-50 | RR2Y | 0.5 | S | None | 42.9 | 6.9 | 2 | 113.5 | \$644 |
| Stine | 11RC08 § | RR2Y | 1.1 | S | None | 42.7 | 7.0 | 1 | 111.5 | \$641 |
| Wensman | W 3076R2 § | RR2Y | 0.7 | S | Ac | 42.7 | 7.0 | 3 | 113.5 | \$641 |
| Test Average = | | | | | | 42.3 | 7.0 | 2 | 116.3 | \$635 |
| LSD (0.10) = | | | | | | 7.6 | 0.1 | 4 | | |
| C.V. = | | | | | | 13.4 | 1.4 | | | |



F.I.R.S.T. Manager

TEST COMMENTS: *This was a very sandy soil to measure relatively high in organic matter. The plot was planted into a good seed bed but many of the stands were compromised by small gaps and the presence of scattered stem disease. Note SCN resistance. Jay mentioned that his soybeans were higher yielding on heavier soil and August rains added bushels until ripe.*
Lat: 46.40222, Long: -96.90272

| | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|------------------|-----------------|
| Yield & Income Factors: | Base Moisture = 13% | Shrink = 1.0 | Drying = \$0.000 | Price = \$15.00 |
| † See last page for Product/Brand, Technology and Seed Treatment information. | | | | |
| Results in bold are significantly above the test average. GC = grower comparison product, § = United Soybean Board entry; ns = not significantly different | | | | |



Footnotes, Abbreviations, and Trademarks

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 is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.

Technologies

| | |
|----------|----------------------------------------|
| 3111 | Agrisure® Viptera™ 3111 |
| 3122 | Agrisure® 3122 |
| 4011 | Agrisure® 4011 |
| 3000GT | Agrisure® 3000GT |
| AM1 | Optimum® AcreMax® 1 |
| AMX | Optimum® AcreMax® Xtra |
| CB/LL | Agrisure® CB/LL |
| CB/LL/RW | Agrisure® CB/LL/RW |
| Conv | Conventional, non-GMO |
| GT | Agrisure® GT |
| GT/CB/LL | Agrisure® GT/CB/LL |
| HX | HERCULEX® I Insect Protection |
| HXT | HERCULEX® XTRA Insect Protection |
| LL | LibertyLink® |
| OI | Optimum® Intrasect™ |
| RR | Roundup Ready® Soybeans |
| RR2 | Roundup Ready® Corn 2 |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STS | STS® - sulfonyleurea tolerant soybeans |
| STX | SmartStax® |
| STX-R | SmartStax® Refuge Corn Blend |
| VT2P | Genuity® VT Double PRO® |
| VT2P-R | Genuity® VT Double PRO® RIB Corn Blend |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO® |
| VT3P-R | Genuity® VT Triple PRO® RIB Corn Blend |

Seed Treatments

| | |
|------------|-------------------------------------------|
| A | Allegiance® |
| Ac | Acceleron® Products |
| Am | ApronMaXX® |
| Ap | Apron XL® |
| Avc | Avicta® Complete Corn |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed |
| Ce | Cruiser® Extreme |
| CMB | CruiserMaXX® Beans |
| D | Dynasty® |
| Es | Escalate® |
| Ex | Excalibre™ |
| G | Gaucho® |
| I | Inovate™ System |
| Mq | Maxim® Quattro |
| Mx | Maxim® XL |
| None | untreated |
| O | Optimize® |
| P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed |
| Pr | Protinus™ |
| R | Raxil® |
| Rc | Rancona® |
| S | Stamina® |
| SDPI | Servo™ DPI |
| SS+ | SoyShield™ Plus |
| SStd | SureStand™ |
| T | Trilex® |
| T2 | Trilex® 2000 |
| T6 | Trilex® 6000 |
| Th | thiabendazole |
| V | VOTIVO® |
| Z | zinc |

Trademarks

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- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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