

2016 Soybean Top 30 Harvest Report
 North Dakota East Central [NDEC] JAMESTOWN
 Marvin Frey, Stutsman County, ND 58401



PREV. CROP/HERB: Wheat / WideMatch, Rimfire
 SOIL DESCRIPTION: Barnes-Svea loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.9 pH, 2.5 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall
 PEST MANAGEMENT: Authority, Roundup
 SEEDED - RATE - ROW: May 28 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 13 132,700 /A

All-Season Test
Maturity Group 0.00 - 0.7
 S2016NDEC01

Top 30 of 48
 For Gross Income (Sorted by Yield)
 Average of (4) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|------------|-------------|------------|-----------|----------------|--------------|
| Dyna-Gro | S07RY45 | RR2Y | 0.7 | R | CMB | 61.1 | 12.3 | 4 | 132.2 | \$553 |
| Prairie Brand | PB-0777R2 | RR2Y | 0.7 | R | CCB,In | 58.5 | 12.2 | 7 | 134.2 | \$529 |
| REA | 66G14 | RR2Y | 0.6 | R | ACi | 58.0 | 12.2 | 4 | 138.2 | \$525 |
| NK Brand | S07-B6 § | RR2Y | 0.7 | S | CCB,Me | 57.1 | 11.9 | 10 | 132.2 | \$517 |
| Asgrow | AG0434 § | RR2Y | 0.4 | S | ACi | 56.3 | 11.9 | 10 | 134.2 | \$510 |
| Dairyland | DSR-0305/R2Y | RR2Y,ST | 0.3 | S | CMB | 55.2 | 12.1 | 4 | 136.2 | \$500 |
| Pioneer | P03T68R2 § | RR2Y | 0.3 | MR | EE,G | 55.1 | 11.8 | 9 | 134.2 | \$499 |
| Latham | L0152R2 | RR2Y | 0.1 | S | SS+ | 54.4 | 11.7 | 13 | 140.2 | \$492 |
| Pioneer | P06T28R § | RR | 0.6 | S | EE,G,IL | 54.3 | 11.5 | 3 | 122.2 | \$491 |
| Thunder | 3601R2Y | RR2Y | 0.1 | S | CMB | 54.3 | 11.8 | 10 | 130.2 | \$491 |
| Hefty | H03X7 | RRX | 0.3 | MR | DST | 54.1 | 11.7 | 7 | 126.2 | \$490 |
| Thunder | 3606R2YN | RR2Y | 0.6 | R | CMB | 53.9 | 11.9 | 4 | 132.2 | \$488 |
| Hefty | H02X7 | RRX | 0.2 | S | ACi | 53.8 | 12.0 | 4 | 136.2 | \$487 |
| Prairie Brand | PB-0676R2 | RR2Y | 0.6 | R | CCB,In | 53.7 | 12.0 | 5 | 134.2 | \$486 |
| Legend | LS01R656 § | RR2Y | 0.1 | S | None | 53.7 | 11.8 | 11 | 136.2 | \$486 |
| Thunder | 3505R2YN | RR2Y | 0.5 | R | CMB | 53.6 | 12.3 | 6 | 136.2 | \$485 |
| NK Brand | S06-Q9 § | RR2Y | 0.6 | R | CCB,Me | 53.5 | 12.1 | 2 | 136.2 | \$484 |
| Stine | 03RD66 § | RR2Y | 0.3 | S | SFI | 53.5 | 12.0 | 4 | 132.2 | \$484 |
| NK Brand | S05-W7 § | RR2Y | 0.5 | S | CCB,Me | 53.4 | 12.2 | 3 | 138.2 | \$483 |
| Pioneer | 90Y80 § | RR | 0.8 | S | EE,G,IL | 53.2 | 11.8 | 3 | 130.2 | \$481 |
| Proseed | 50-60N | RR2Y | 0.6 | R | CMBV | 53.0 | 11.9 | 5 | 138.2 | \$480 |
| REA | 64G94 | RR2Y | 0.4 | R | ACi | 53.0 | 12.0 | 7 | 134.2 | \$480 |
| Dairyland | DSR-0225/R2Y | RR2Y | 0.2 | S | CMB | 53.0 | 11.9 | 13 | 136.2 | \$480 |
| Stine | 05RH26 § | RR2Y | 0.5 | R | SFI | 52.9 | 12.1 | 3 | 136.2 | \$479 |
| Latham | L0485R2 | RR2Y | 0.4 | R | SS+ | 52.7 | 12.2 | 8 | 136.2 | \$477 |
| Latham | L0324R2 | RR2Y | 0.3 | S | SS+ | 52.6 | 12.2 | 5 | 134.2 | \$476 |
| Proseed | XT604 | RRX | 0.4 | R | CMBV | 52.6 | 11.7 | 8 | 124.2 | \$476 |
| Renk | RS033R2 | RR2Y | 0.3 | S | CMB | 52.5 | 12.0 | 3 | 124.2 | \$475 |
| Dairyland | DSR-0619/R2Y | RR2Y | 0.6 | R | CMB | 52.4 | 12.0 | 6 | 134.2 | \$474 |
| Thunder | 3503R2Y | RR2Y | 0.3 | S | CMB | 52.2 | 11.7 | 7 | 128.2 | \$472 |

Averages = **52.7** **12.0** **7** **132.7** **\$477**
 LSD (0.10) = 3.9 0.2 4
 LSD (0.25) = 2.7 0.1 2
 C.V. = 6.2 Prev. years avg. yield, 45.8 bu/a, 1 yr

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.020 Prices = \$9.05 GMO; \$9.05 non-GMO

TEST COMMENTS: *The test site had timely rainfall throughout the growing season. This test site also had sloped ground to provide good surface drainage. Marvin Frey, our farmer cooperater, applied a preemerge herbicide to the field that really helped keep the site weed free. He mentioned that aphids were not a problem this year. Overall, Marvin's average soybean yields were around fifty bushels per acre this year.*

† 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: 10/15/2016 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

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

Soybean Technologies

| | |
|------|---------------------------------|
| LL | LibertyLink® |
| None | Conventional, non-GMO |
| P | Plenish® |
| RR | glyphosate tolerant |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX | Genuity® Roundup Ready 2 Xtend® |
| ST | sulfonylurea tolerant |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybean Seed Treatments*

| | | | |
|------|---|------|----------------------------------|
| n/a | info unavailable | IL | ILeVO® |
| AC | Acceleron® fungicide products | In | Intego™ Solo |
| ACi | Acceleron® fungicide and insecticide products | IS | Intego™ Suite |
| AG | ArmourGuard™ | MAG | Maximum ArmourGuard™ |
| AM | ApronMaxx® | Me | Mertect® |
| AVB | Avicta® Complete Beans | Mg | Magnum ST™ (standard) |
| CCB | Clariva™ Complete Beans | NCFI | N-Compass™ Plus F/I |
| CI | Clariva™ pn | None | untreated |
| CMB | CruiserMaxx® Beans | PV | Poncho®/Votivo® |
| CMBV | CruiserMaxx® Beans with Vibrance | SDPI | Servo™ DPI |
| DPHB | DPH Boost® | SFI | Stine XP fungicide & insecticide |
| DST | Dominance™ ST | SS | Soyshield™ |
| DX | Defend™ Extra | SS+ | Soyshield Plus™ |
| EE | Evergol™ Energy | SStd | SureStand™ |
| En | Encase® | TE | Trius™ Elite |
| G | Gaucho® | WCX | Warden® CX |
| Gr+ | Great Start™ Max Plus | | |

* Seed treatments may include unspecified plant health promoting components.