

2013 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Early-Season Test

Maturity Group 1.6 - 1.9

S2013MNSOa

Top 30 of 36

Sorted for YIELD, (12) Replication Average

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Protein % | Oil % | Moisture % | Lodging % | Gross Income | Replication Average | | | |
|---------------|----------------|-----------|------|-------------|-------------|-------------|-------------|-------------|------------|-----------|--------------|---------------------|-------------|------------------------|-------------|
| | | | | | | | | | | | | Easton | Jeffers | Kasson New Richland | |
| Gold Country | 2040 | RR2Y | 2.0 | R | ACi | 60.5 | 35.2 | 19.2 | 11.0 | 0 | \$771 | 45.6 | 53.1 | 77.3 | 65.8 |
| NK Brand | S17-B3 § | RR2Y | 1.7 | R | CMBV | 59.6 | 35.1 | 18.9 | 10.8 | 0 | \$760 | 42.5 | 48.1 | 73.5 | 74.2 |
| Wensman | W 3200NR2 | RR2Y | 2.0 | R | AC,PV | 58.9 | 35.4 | 19.0 | 10.9 | 0 | \$751 | 40.4 | 51.3 | 77.5 | 66.4 |
| Wensman | W 3160NR2 | RR2Y | 1.6 | R | AC,PV | 58.8 | 35.0 | 19.6 | 10.8 | 0 | \$750 | 40.4 | 53.8 | 76.0 | 65.0 |
| Channel | 1805R2 | RR2Y | 1.8 | MR | ACi | 58.4 | 36.0 | 18.6 | 10.7 | 0 | \$745 | 39.8 | 49.8 | 74.3 | 69.6 |
| Prairie Brand | PB-1722R2 | RR2Y | 1.7 | R | CMBV | 58.4 | 35.4 | 19.2 | 10.7 | 0 | \$745 | 44.6 | 51.8 | 68.4 | 68.6 |
| LG Seeds | C1917R2 | RR2Y | 1.9 | R | AC,PV | 58.0 | 35.3 | 19.2 | 11.3 | 0 | \$740 | 44.3 | 47.7 | 75.2 | 64.8 |
| Prairie Brand | PB-1566R2 | RR2Y | 1.6 | R | CMBV | 57.9 | 35.1 | 19.6 | 10.7 | 0 | \$738 | 39.0 | 50.5 | 75.7 | 66.5 |
| Gold Country | 1644 | RR2Y | 1.6 | R | ACi | 57.8 | 35.7 | 18.6 | 10.8 | 0 | \$737 | 45.2 | 46.6 | 72.2 | 67.2 |
| SOI | 1741NRR2Y | RR2Y | 1.7 | R | CMB | 57.6 | 35.4 | 19.0 | 10.7 | 0 | \$734 | 38.5 | 50.6 | 72.1 | 69.1 |
| Prairie Brand | PB-1843R2 | RR2Y | 1.8 | R | CMBV | 57.6 | 34.4 | 18.9 | 11.1 | 0 | \$734 | 43.6 | 50.2 | 72.0 | 64.6 |
| Gold Country | 1943 | RR2Y | 1.9 | R | ACi | 57.5 | 34.5 | 19.1 | 10.6 | 0 | \$733 | 43.0 | 49.9 | 68.0 | 69.2 |
| Dairyland | DSR-1808/R2Y | RR2Y | 1.8 | R | CMB,O | 57.4 | 34.7 | 19.1 | 10.9 | 0 | \$732 | 46.3 | 46.5 | 70.1 | 66.7 |
| Latham | L1948R2 | RR2Y | 1.9 | R | SS+ | 56.9 | 33.9 | 19.0 | 10.2 | 0 | \$725 | 38.5 | 48.5 | 75.5 | 64.9 |
| Prairie Brand | PB-1982R2 | RR2Y | 1.8 | R | CMBV | 56.9 | 36.4 | 18.5 | 10.9 | 0 | \$725 | 42.9 | 46.8 | 73.8 | 63.9 |
| Asgrow | AG1733 § | RR2Y | 1.7 | R | ACi | 56.5 | 34.1 | 19.3 | 10.7 | 0 | \$720 | 39.4 | 48.5 | 70.9 | 67.3 |
| Viking | 1984R2N | RR2Y | 1.9 | R | ACi,Ex | 56.3 | 35.0 | 18.8 | 11.3 | 0 | \$718 | 45.4 | 45.8 | 68.4 | 65.5 |
| Stine | 16RA02 § | RR2Y | 1.6 | R | CMB | 56.2 | 35.4 | 19.0 | 10.3 | 0 | \$717 | 35.7 | 50.7 | 71.2 | 67.3 |
| Pioneer | 91Y92 § | RR | 1.9 | R | EE,G | 55.8 | 34.8 | 19.1 | 10.7 | 0 | \$711 | 42.4 | 46.4 | 73.2 | 61.1 |
| Viking | 1707R2N | RR2Y | 1.7 | R | ACi,Ex | 55.7 | 34.7 | 19.0 | 10.7 | 0 | \$710 | 38.1 | 47.7 | 72.0 | 65.1 |
| NuTech/G2 Gen | 7171^ | RR | 1.7 | R | SCE | 55.2 | 35.7 | 19.1 | 10.6 | 0 | \$704 | 43.4 | 47.9 | 67.7 | 61.7 |
| Pfister | 17R27 | RR2Y | 1.7 | R | CMB | 55.1 | 34.7 | 18.9 | 10.8 | 0 | \$703 | 35.5 | 47.3 | 70.4 | 67.1 |
| Dyna-Gro | S19RY84 | RR2Y | 1.9 | MR | ACi | 54.7 | 34.7 | 18.9 | 10.5 | 0 | \$697 | 40.1 | 42.9 | 72.5 | 63.3 |
| Channel | 1503R2 | RR2Y | 1.5 | R | ACi | 54.4 | 33.3 | 20.0 | 10.8 | 0 | \$694 | 31.6 | 48.5 | 69.3 | 68.0 |
| Titan Pro | TP-18R73 | RR2Y | 1.8 | R | CMBV | 54.3 | 35.8 | 18.7 | 10.9 | 0 | \$692 | 33.7 | 46.7 | 74.2 | 62.5 |
| Renk | RS183NR2 | RR2Y | 1.8 | R | CMB,O | 54.0 | 34.3 | 19.1 | 10.7 | 0 | \$689 | 38.9 | 46.4 | 66.2 | 64.6 |
| Latham | L1985R2 | RR2Y | 1.9 | R | SS+ | 54.0 | 34.4 | 19.0 | 10.7 | 0 | \$689 | 33.9 | 47.4 | 71.4 | 63.4 |
| Hefty | H18Y12 | RR2Y | 1.8 | MR | I | 53.9 | 34.1 | 19.4 | 10.4 | 0 | \$687 | 34.1 | 44.7 | 74.3 | 62.6 |
| Mustang | 16624 | RR2Y | 1.6 | R | AC | 53.8 | 34.3 | 19.4 | 10.4 | 0 | \$686 | 34.6 | 45.1 | 70.7 | 64.6 |
| NuTech/G2 Gen | 7183^ | RR | 1.8 | R | SCE | 52.6 | 35.4 | 18.3 | 10.8 | 0 | \$671 | 43.3 | 42.0 | 67.8 | 57.2 |
| Viking | 2000R2N CK | RR2Y | 2.0 | R | ACi,Ex | 57.7 | 34.5 | 19.1 | 10.8 | 0 | \$736 | 40.5 | 51.9 | 72.3 | 66.1 |

Test Average = **55.8** **35.0** **19.0** **10.7** **0** **\$711** **38.6** **47.6** **71.9** **64.9**
 LSD (0.10) = 3.9 0.6 0.4 0.6 ns 6.5 4.6 5.3 **4.8**

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$12.75 Local GMO n/a Non-GMO

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different; ‡ = 2 reps.

Report date: 11/7/2013 Revised: 12/18/2013 Protein and oil results added

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2013 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Full-Season Test

Maturity Group 2.0 - 2.3

S2013MNSOb

Top 30 of 54

Sorted for YIELD, (12) Replication Average

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A ↓ | Protein % ↓ | Oil % | Moisture % | Lodging % | Gross Income | Easton | Jeffers | Kasson | New Richland |
|----------------|----------------|-----------|------|-------------|-------------|--------------|-------------|-------------|-------------|-----------|--------------|-------------|-------------|-------------|--------------|
| Dyna-Gro | S20RY94 | RR2Y | 2.0 | R | ACi | 62.4 | 34.2 | 18.8 | 11.3 | 0 | \$796 | 50.9 | 54.0 | 71.5 | 73.0 |
| Titan Pro | 22M12 | RR2Y | 2.2 | R | CMBV | 59.9 | 34.3 | 19.2 | 11.7 | 0 | \$764 | 54.8 | 48.3 | 69.1 | 67.2 |
| Stine | 20RD20 § | RR2Y | 2.0 | R | CMB | 59.6 | 35.0 | 19.2 | 12.0 | 0 | \$760 | 46.9 | 52.2 | 72.8 | 66.4 |
| Renk | RS213NR2 | RR2Y | 2.1 | R | CMB,O | 59.5 | 35.2 | 19.1 | 12.2 | 0 | \$759 | 47.2 | 50.7 | 71.6 | 68.5 |
| Dyna-Gro | S22RY64 | RR2Y | 2.2 | MR | ACi | 59.1 | 35.6 | 18.1 | 11.2 | 0 | \$754 | 43.8 | 48.4 | 72.8 | 71.4 |
| Channel | 2306R2 | RR2Y | 2.3 | R | ACi | 59.1 | 35.2 | 18.5 | 11.8 | 0 | \$754 | 48.9 | 50.7 | 73.4 | 63.2 |
| Asgrow | AG2232 § | RR2Y | 2.2 | R | ACi | 59.1 | 36.1 | 18.4 | 13.3 | 0 | \$753 | 51.2 | 46.6 | 72.6 | 65.9 |
| LG Seeds | C2050R2 | RR2Y | 2.0 | R | AC,PV | 58.8 | 36.6 | 18.4 | 11.0 | 0 | \$750 | 40.6 | 50.1 | 79.9 | 64.5 |
| Stine | 22RD00 § | RR2Y | 2.2 | MR | CMB | 58.8 | 35.8 | 18.3 | 11.2 | 0 | \$750 | 48.3 | 48.2 | 67.4 | 71.4 |
| Prairie Brand | PB-2024R2 | RR2Y | 2.0 | R | CMBV | 58.8 | 35.2 | 19.1 | 12.2 | 0 | \$750 | 39.8 | 51.4 | 73.8 | 70.2 |
| Dairyland | DSR-2250/R2Y | RR2Y | 2.2 | MR | CMB,O | 58.4 | 35.6 | 18.1 | 11.1 | 0 | \$745 | 49.3 | 48.3 | 65.2 | 70.8 |
| Gold Country | 2243 | RR2Y | 2.2 | R | ACi | 58.2 | 35.6 | 17.7 | 11.3 | 0 | \$742 | 49.7 | 47.6 | 69.5 | 65.9 |
| NK Brand | S22-F8 § | RR2Y | 2.2 | S | CMBV | 58.2 | 34.4 | 18.8 | 11.8 | 0 | \$742 | 49.6 | 43.4 | 71.7 | 68.2 |
| Titan Pro | 20M1 | RR2Y | 2.0 | R | CMBV | 58.0 | 34.2 | 19.0 | 11.0 | 0 | \$740 | 43.9 | 50.3 | 70.3 | 67.4 |
| LG Seeds | C2222R2 | RR2Y | 2.2 | R | AC,PV | 57.5 | 35.6 | 18.0 | 11.2 | 0 | \$733 | 41.2 | 48.7 | 73.4 | 66.7 |
| Kruger | K2-2301 | RR2Y | 2.3 | S | ACi | 57.3 | 34.5 | 18.8 | 11.8 | 0 | \$731 | 46.5 | 44.2 | 70.9 | 67.6 |
| Asgrow | AG2031 § | RR2Y | 2.0 | R | ACi | 57.0 | 35.5 | 18.8 | 10.3 | 0 | \$727 | 40.7 | 47.5 | 70.4 | 69.4 |
| Channel | 2105R2 | RR2Y | 2.1 | MR | ACi | 57.0 | 36.3 | 18.2 | 13.6 | 0 | \$726 | 50.8 | 44.9 | 71.3 | 61.1 |
| Wensman | W 3222NR2 | RR2Y | 2.2 | R | AC,PV | 56.9 | 35.1 | 18.8 | 11.1 | 0 | \$725 | 47.1 | 49.2 | 70.4 | 60.7 |
| Titan Pro | 23M9 | RR2Y | 2.3 | S | CMBV | 56.6 | 35.0 | 18.8 | 11.6 | 0 | \$722 | 45.7 | 43.6 | 71.3 | 65.8 |
| Gold Country | 2143 | RR2Y | 2.1 | MR | ACi | 56.5 | 36.0 | 18.6 | 13.3 | 0 | \$720 | 46.2 | 43.7 | 69.0 | 67.0 |
| NuTech/G2 Gen | 7213^ | RR | 2.1 | R | SCE | 56.3 | 35.8 | 18.3 | 11.6 | 0 | \$718 | 47.9 | 43.5 | 67.4 | 66.2 |
| Dairyland | DSR-2105/R2Y | RR2Y | 2.1 | R | CMB,O | 56.2 | 34.4 | 19.4 | 11.5 | 0 | \$717 | 47.8 | 46.6 | 65.3 | 65.0 |
| Latham | L2185R2 | RR2Y | 2.1 | R | SS+ | 56.1 | 35.9 | 18.4 | 13.2 | 0 | \$715 | 46.4 | 46.2 | 69.6 | 62.0 |
| SOI | 2013NRR2Y | RR2Y | 2.0 | R | CMB | 55.9 | 34.7 | 18.7 | 10.6 | 0 | \$713 | 42.4 | 46.8 | 67.8 | 66.7 |
| Titan Pro | TP-21R63 | RR2Y | 2.1 | MR | CMBV | 55.8 | 35.5 | 18.2 | 10.8 | 0 | \$711 | 40.5 | 46.1 | 67.9 | 68.8 |
| Latham | L2084R2 | RR2Y | 2.0 | R | SS+ | 55.7 | 35.1 | 19.1 | 11.5 | 0 | \$710 | 41.8 | 46.4 | 69.7 | 64.7 |
| NK Brand | S20-T6 § | RR2Y | 2.0 | R | CMBV | 55.6 | 35.5 | 19.2 | 10.6 | 0 | \$709 | 40.4 | 43.8 | 72.3 | 65.9 |
| Kruger | K2-2303 | RR2Y | 2.3 | MR | ACi | 55.6 | 35.5 | 18.4 | 12.8 | 0 | \$709 | 47.3 | 43.8 | 65.8 | 65.4 |
| Pioneer | 92Y22 § | RR | 2.2 | R | EE,G | 55.5 | 35.0 | 19.6 | 11.2 | 0 | \$708 | 46.6 | 44.8 | 67.3 | 63.2 |
| Viking | 2000R2N CK | RR2Y | 2.0 | R | ACi,Ex | 57.2 | 34.4 | 19.0 | 10.6 | 0 | \$729 | 38.8 | 50.9 | 72.0 | 66.9 |
| Test Average = | | | | | | 55.9 | 35.2 | 18.6 | 11.5 | 0 | \$713 | 42.6 | 46.6 | 69.3 | 65.0 |
| LSD (0.10) = | | | | | | 4.1 | 0.6 | 0.3 | 0.9 | ns | | 5.7 | 4.1 | 4.8 | 5.2 |

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$12.75 Local GMO n/a Non-GMO

† See last page for additional information. Results in bold are significantly above the test average. CK = check and GC = grower comparison products, § = United Soybean Board entry; ns = not significantly different.

Report date: 11/7/2013 Revised: 12/18/2013 Protein and oil results added

Additional reports available at www.firstseedtests.com.

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2013 Soybean - Minnesota South [MNSO]



Early-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Company/Brand | Product/Brand | Technol. | Mat. | SCN |
|---------------|---------------|----------|------|-----|---------------|---------------|----------|------|-----|---------------|---------------|----------|------|-----|
| Advantage | ADV1811CR2 | RR2Y | 1.8 | R | Titan Pro | TP-19R23 | RR2Y | 1.9 | MR | | | | | |
| Asgrow | AG1733 § | RR2Y | 1.7 | R | Viking | 1707R2N | RR2Y | 1.7 | R | | | | | |
| Channel | 1503R2 | RR2Y | 1.5 | R | Viking | 1984R2N | RR2Y | 1.9 | R | | | | | |
| Channel | 1805R2 | RR2Y | 1.8 | MR | Viking | 2000R2N CK | RR2Y | 2.0 | R | | | | | |
| Dairyland | DSR-1808/R2Y | RR2Y | 1.8 | R | Wensman | W 3160NR2 | RR2Y | 1.6 | R | | | | | |
| Dyna-Gro | S19RY84 | RR2Y | 1.9 | MR | Wensman | W 3200NR2 | RR2Y | 2.0 | R | | | | | |
| Gold Country | 1644 | RR2Y | 1.6 | R | | | | | | | | | | |
| Gold Country | 1943 | RR2Y | 1.9 | R | | | | | | | | | | |
| Gold Country | 2040 | RR2Y | 2.0 | R | | | | | | | | | | |
| Hefty | H16R4 | RR2Y | 1.6 | MR | | | | | | | | | | |
| Hefty | H18Y12 | RR2Y | 1.8 | MR | | | | | | | | | | |
| Latham | L1948R2 | RR2Y | 1.9 | R | | | | | | | | | | |
| Latham | L1985R2 | RR2Y | 1.9 | R | | | | | | | | | | |
| LG Seeds | C1917R2 | RR2Y | 1.9 | R | | | | | | | | | | |
| Mustang | 16624 | RR2Y | 1.6 | R | | | | | | | | | | |
| NK Brand | S17-B3 § | RR2Y | 1.7 | R | | | | | | | | | | |
| NuTech/G2 Gen | 7171^ | RR | 1.7 | R | | | | | | | | | | |
| NuTech/G2 Gen | 7183^ | RR | 1.8 | R | | | | | | | | | | |
| Pfister | 17R27 | RR2Y | 1.7 | R | | | | | | | | | | |
| Pioneer | 91Y81 § | RR | 1.8 | R | | | | | | | | | | |
| Pioneer | 91Y92 § | RR | 1.9 | R | | | | | | | | | | |
| Prairie Brand | PB-1566R2 | RR2Y | 1.6 | R | | | | | | | | | | |
| Prairie Brand | PB-1722R2 | RR2Y | 1.7 | R | | | | | | | | | | |
| Prairie Brand | PB-1843R2 | RR2Y | 1.8 | R | | | | | | | | | | |
| Prairie Brand | PB-1982R2 | RR2Y | 1.8 | R | | | | | | | | | | |
| Renk | RS183NR2 | RR2Y | 1.8 | R | | | | | | | | | | |
| Renk | RS184NR2 | RR2Y | 1.8 | R | | | | | | | | | | |
| SOI | 1741NRR2Y | RR2Y | 1.7 | R | | | | | | | | | | |
| Stine | 16RA02 § | RR2Y | 1.6 | R | | | | | | | | | | |
| Titan Pro | TP-18R73 | RR2Y | 1.8 | R | | | | | | | | | | |

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 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 F.I.R.S.T. when space permits. |
| § | United Soybean Board sponsored entry |

Soybean Technologies

| | |
|------|--|
| Conv | Conventional, non-GMO |
| LL | LibertyLink® |
| RR | Roundup Ready® Soybeans |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STS | STS® - sulfonyleurea tolerant soybeans |

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

| | | | | | |
|-----|---|------|----------------------------------|------|------------------|
| ? | Information not provided | CMB | CruiserMaxx® Beans | PV | Poncho®/Votivo® |
| A | Allegiance® | CMBV | CruiserMaxx® Beans with Vibrance | RS | Right Stand™ |
| AC | Acceleron® fungicide products | DPHB | DPH Boost™ | SCE | SmartCote™ Extra |
| ACi | Acceleron® fungicide and insecticide products | EE | Evergol™ Energy | SDPI | Servo DPI |
| AM | ApronMaxx® | Ex | Excalibre™ | SS+ | Soyshield Plus™ |
| AP | Apron XL® | G | Gaicho® | SStd | SureStand™ |
| AVB | Avicta® Complete Beans | I | Inovate™ System | T | Trilex® |
| C | Cruiser® | None | untreated | | |
| CC | CurryCoat™ | O | Optimize® | | |

* Seed treatments may include unspecified plant health promoting components.