

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
 Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

EARLY SEASON TEST
99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Select Max B0SDSE18a
 SOIL DESCRIPTION: Moody clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEST MANAGEMENT: Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 120 Fall,
 Applied N-P-K (units): 120-90-30
 SEEDING - RATE: May 2 31,300 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 13 28,600 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|------------------------|-------------------------|-------------------|------------|------------|-----------|----------------|----------------------|------|
| NuTech | 3T-401 | VT3 | C250 | 215.6 | 16.6 | 1.0 | 27.6 | \$907.7 | 1 |
| Mustang | 530VT3 | VT3 | P250 | 206.4 | 15.0 | 1.0 | 30.0 | \$877.2 | 2 |
| NuTech | 5N-803 | 3000GT | C250 | 206.1 | 17.6 | 1.0 | 25.7 | \$862.5 | 3 |
| Producers | 6364GT3 | 3000GT | C250 | 203.6 | 18.4 | 1.0 | 29.5 | \$848.0 | 6 |
| Gold Country | 101-99 | SS | P250 | 201.8 | 18.6 | 1.0 | 30.5 | \$839.5 | 8 |
| NuTech | G2 5H-105 [^] | HX,RR2 | C250 | 201.7 | 18.6 | 1.0 | 28.1 | \$839.1 | 9 |
| Dekalb | DKC50-66 GC | VT3 | P250 | 200.7 | 14.6 | 1.0 | 27.6 | \$855.0 | 4 |
| NuTech | G2 5H-502 [^] | HX,RR2 | C250 | 200.4 | 17.4 | 1.0 | 30.0 | \$839.7 | 7 |
| Gold Country | 103-09 | VT3 | P250 | 198.9 | 16.8 | 1.0 | 30.0 | \$836.4 | 11 |
| Dekalb | DKC50-44 GC | VT3 | P250 | 198.5 | 17.1 | 1.0 | 30.0 | \$833.2 | 12 |
| Pannar | 6D-409 | VT3 | C250 | 198.0 | 15.5 | 1.0 | 28.6 | \$839.0 | 10 |
| Mustang | 6460 | 3000GT | C250 | 197.9 | 19.0 | 1.0 | 29.0 | \$821.3 | 16 |
| Great Lakes | 5211GS | SS | P250 | 197.0 | 20.2 | 1.0 | 28.1 | \$811.6 | 21 |
| NuTech | G2 5H-700 [^] | HX,RR2 | C250 | 196.9 | 17.3 | 2.0 | 30.0 | \$825.5 | 14 |
| Rea | 5T910 | VT3 | P250 | 195.2 | 16.7 | 1.0 | 28.1 | \$821.3 | 17 |
| Kruger | K-7302 | VT3P | P250 | 195.0 | 16.9 | 1.0 | 30.0 | \$819.5 | 18 |
| Rea | 5T577 | VT3 | P250 | 194.6 | 15.2 | 1.0 | 31.4 | \$826.1 | 13 |
| Mycogen | 2A551 | HXT,RR2 | C250 | 193.7 | 20.8 | 1.0 | 27.1 | \$795.1 | 27 |
| Renze | 7131RR2 | RR2 | C250 | 193.6 | 16.4 | 1.0 | 27.6 | \$816.0 | 19 |
| Wensman | W7270VT3Pro | VT3P | P250 | 193.2 | 14.3 | 3.7 | 29.5 | \$824.5 | 15 |
| Producers | 6238STX | SS | P250 | 192.7 | 20.2 | 1.0 | 29.5 | \$793.9 | 28 |
| Heine | 745VT3 | VT3 | P250 | 192.4 | 20.1 | 1.0 | 29.0 | \$793.2 | 30 |
| Great Lakes | 5416G3VT3 | VT3 | P250 | 191.8 | 17.0 | 1.0 | 28.1 | \$805.6 | 23 |
| Dekalb | DKC52-59 GC | VT3 | P250 | 191.6 | 14.7 | 1.0 | 31.4 | \$815.7 | 20 |
| Wensman | W7273VT3 | VT3 | P250 | 191.2 | 16.3 | 1.0 | 29.5 | \$806.4 | 22 |
| Rea | 4A918 | RR2 | P250 | 190.5 | 16.7 | 1.0 | 29.0 | \$801.5 | 25 |
| Gold Country | 102-05 | VT3 | P250 | 190.3 | 15.7 | 1.0 | 26.6 | \$805.4 | 24 |
| Stine | 9523VT3 | VT3 | P250 | 190.1 | 18.3 | 2.0 | 27.6 | \$792.2 | 31 |
| Wensman | W6307RR | RR2 | P250 | 189.1 | 17.2 | 2.0 | 26.6 | \$793.3 | 29 |
| Kruger | K-6102VT3 | VT3 | C250 | 188.7 | 15.7 | 2.0 | 30.5 | \$798.7 | 26 |
| Channel | 201-13VT3 CK | VT3 | C250 | 202.8 | 17.0 | 1.0 | 28.5 | \$851.8 | 5 |
| Test Average = | | | | 191.2 | 17.4 | 1.2 | 28.6 | \$801.1 | |
| LSD (0.10) = | | | | 11.9 | 0.6 | 1.1 | | | |
| C.V. = | | | | 4.6 | 2.5 | | | | |

TEST COMMENTS: *We had a well drained spot this year and we got some good results at this site. We had a good stand of corn and had no lodging problems at this site. Some wet corn in the full season test, especially the latest varieties. Good harvest weather has helped drydown, far better than last year.*

Lat: N44.83337, Long: W96.89277

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} **IST:** AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
 Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

FULL SEASON TEST
105 - 108 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Select Max B0SDSE18b
 SOIL DESCRIPTION: Moody clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEST MANAGEMENT: Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 120 Fall,
 Applied N-P-K (units): 120-90-30
 SEEDING - RATE: May 2 31,300 /A **TOP 30 OF 33 FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Oct 13 28,500 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|------------------------|-------------------------|-------------------|--------------|-------------|------------|----------------|----------------------|------|
| NuTech | G2 5H-005 [^] | HX,RR2 | C250 | 219.7 | 21.5 | 1.0 | 29.5 | \$579.5 | 1 |
| Pioneer | 35F44 GC | HXT,RR2 | C250 | 206.9 | 22.6 | 1.0 | 26.1 | \$540.0 | 4 |
| Stine | 9528VT3Pro | VT3P | P250 | 206.2 | 20.4 | 1.0 | 27.6 | \$549.5 | 2 |
| Heine | 798VT3 | VT3 | P250 | 204.2 | 20.5 | 1.0 | 27.1 | \$543.7 | 3 |
| Wensman | W7473VT3 | VT3 | P250 | 202.6 | 20.4 | 1.0 | 29.0 | \$539.9 | 5 |
| NuTech | 3A-406 | GT | C250 | 200.8 | 20.4 | 1.0 | 28.1 | \$535.1 | 6 |
| Dairyland | ST9206Q | HXT,RR2 | C250 | 199.4 | 20.0 | 1.0 | 27.6 | \$533.4 | 7 |
| Wensman | W7455VT3 | VT3 | P250 | 199.2 | 21.5 | 1.0 | 27.6 | \$525.4 | 8 |
| Renze | 7270RR2 | RR2 | C250 | 198.2 | 22.2 | 1.0 | 27.6 | \$519.3 | 10 |
| Wensman | W7433VT3 | VT3 | P250 | 198.1 | 22.1 | 1.0 | 30.0 | \$519.5 | 9 |
| Renze | 1219VT3 | VT3 | C250 | 197.6 | 23.8 | 1.0 | 30.5 | \$509.8 | 14 |
| Fielders Choice | NG6646 | VT3 | P250 | 197.6 | 24.2 | 2.0 | 31.5 | \$507.8 | 17 |
| Stine | 9531VT3Pro | VT3P | P250 | 195.8 | 21.8 | 1.0 | 29.0 | \$515.0 | 12 |
| NuTech | G2 5X-007 [^] | HXT,RR2 | C250 | 195.5 | 21.3 | 1.0 | 29.0 | \$516.6 | 11 |
| Mustang | 6317VT3 | VT3 | P250 | 193.4 | 21.7 | 1.0 | 31.4 | \$509.1 | 15 |
| NuTech | G2 5H-607 [^] | HX,RR2 | C250 | 192.5 | 22.9 | 1.0 | 27.6 | \$501.0 | 22 |
| Stine | 9608 Smart Stax | SS | P250 | 191.9 | 19.8 | 1.0 | 26.6 | \$514.3 | 13 |
| Fielders Choice | NG6696 | VT3 | P250 | 190.9 | 21.8 | 1.0 | 31.0 | \$502.1 | 21 |
| LG Seeds | LG2529VT3Pro | VT3P | P250 | 190.4 | 20.6 | 1.0 | 30.0 | \$506.5 | 19 |
| Mycogen | 2J597 | SS | C250 | 190.4 | 23.2 | 1.0 | 29.5 | \$494.1 | 25 |
| Great Lakes | 5783G3VT3 | VT3 | P250 | 189.9 | 20.0 | 1.0 | 24.2 | \$508.0 | 16 |
| Great Lakes | 5643VT3PRO | VT3P | P250 | 189.8 | 20.6 | 1.0 | 28.5 | \$504.9 | 20 |
| Fielders Choice | NG6676 | VT3 | P250 | 189.5 | 19.9 | 1.0 | 28.0 | \$507.4 | 18 |
| Kruger | K-6006VT3 | VT3 | C250 | 189.2 | 22.6 | 1.0 | 25.2 | \$493.8 | 26 |
| Heine | 755VT3 | VT3 | P250 | 188.0 | 21.7 | 1.0 | 27.6 | \$494.9 | 24 |
| Producers | 6634VT3 | VT3 | P250 | 187.8 | 20.8 | 1.0 | 32.4 | \$498.6 | 23 |
| NuTech | 5N-804 | 3000GT | C250 | 187.5 | 23.9 | 2.0 | 30.5 | \$483.3 | 28 |
| Producers | 6944VT3 | VT3 | P250 | 184.9 | 22.5 | 1.0 | 31.0 | \$483.1 | 29 |
| Kruger | K-6408VT3 | VT3 | P250 | 183.2 | 24.5 | 1.0 | 28.5 | \$469.5 | 31 |
| Heine | 810VT3PRO | VT3P | P250 | 181.7 | 21.5 | 1.0 | 25.2 | \$479.2 | 30 |
| Channel | 201-13VT3 CK | VT3 | C250 | 188.3 | 22.3 | 1.0 | 27.6 | \$492.9 | 27 |
| Test Average = | | | | 193.4 | 21.9 | 1.1 | 28.5 | \$508.5 | |
| LSD (0.10) = | | | | 16.0 | 1.8 | 0.7 | | | |
| C.V. = | | | | 6.1 | 6.0 | | | | |

TEST COMMENTS: *We had a well drained spot this year and we got some good results at this site. We had a good stand of corn and had no lodging problems at this site. Some wet corn in the full season test, especially the latest varieties. Good harvest weather has helped drydown, far better than last year.*

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 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} **IST:** AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different

Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/17/2010

Revised:



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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---------------------------------------------------------------------|
| 3110 | Agrisure [®] Viptera [™] 3110 |
| 3111 | Agrisure [®] Viptera [™] 3111 |
| 3000GT | Agrisure [®] 3000GT |
| CB/LL | Agrisure [®] CB/LL |
| CB/LL/RW | Agrisure [®] CB/LL/RW |
| GT | Agrisure [®] GT |
| GT/CB/LL | Agrisure [®] GT/CB/LL |
| HX | HERCULEX [®] I Insect Protection |
| HXT | HERCULEX [®] XTRA Insect Protection |
| LL | LibertyLink [®] |
| RR | Roundup Ready [®] Soybeans |
| RR2 | Roundup Ready [®] Corn 2 |
| RR2Y | Genuity [™] Roundup Ready 2 Yield [®] |
| SS | Genuity [™] SmartStax [™] |
| STS | STS [®] |
| VT2 | YieldGard VT Rootworm/RR2 [™] |
| VT2P | Genuity [™] VT Double PRO [™] |
| VT3 | YieldGard VT Triple [®] |
| VT3P | Genuity [™] VT Triple PRO [™] |
| YGCB | YieldGard [®] Corn Borer |
| YGCB,RR2 | YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2 |
| YGPL,RR2 | YieldGard [®] Plus/Roundup Ready [®] Corn 2 |
| YGRW,RR2 | YieldGard [®] Rootworm/Roundup Ready [®] Corn 2 |

Seed Treatments

| | |
|-----|-----------------------------------|
| AC | Acceleron [®] |
| AM | ApronMaxx [®] |
| AP | Apron XL [®] |
| AVC | Avicta [®] Complete Corn |
| C | Cruiser [®] |
| CM | CruiserMaxx [®] |
| E | Excalibre [™] |
| ES | Escalate [™] |
| I | Inovate [™] System |
| O | Optimize [®] |
| P | Poncho [®] |
| T | Trilex [®] |
| T6 | Trilex [®] 6000 |
| V | Votivo [™] |

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