

2011 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

Tim Bjorklund, Brookings County, SD 57212 [ARLINGTON]

EARLY SEASON TEST
91 - 96 Day CRM

B1SDNE08a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hetland silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 5.5% OM
 PEST MANAGEMENT: Glyphosate, Corvus, Force
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-80-125

30" ROW SPACING

SEEDED - RATE: May 10 29,000 /A
 HARVESTED - STAND: Oct 27 26,300 /A

TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technology [†] | IST ^{††} | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|---------------|-------------------------|-------------------|----|--------------|-------------|------------|----------------|----------------------|------|
| AgVenture/Scherr | GL4342ABW | 3000GT | C250 | 92 | 200.4 | 13.0 | 1.0 | 27.1 | 1,202.4 | 1 |
| Gold Country | 96-20 | VT3P | P250 | 96 | 195.1 | 13.0 | 1.0 | 26.1 | 1,170.6 | 2 |
| Wensman | W 8120VT2PRO | VT2P | P250 | 92 | 194.1 | 12.6 | 1.0 | 28.1 | 1,164.6 | 3 |
| Dyna-Gro | D35RR40 | RR2 | P250 | 95 | 191.9 | 12.8 | 2.0 | 26.6 | 1,151.4 | 4 |
| Producers | 5223VT2Pro | VT2P | P500,V | 92 | 190.7 | 12.9 | 1.0 | 25.2 | 1,144.2 | 5 |
| Gold Country | 93-39 | VT3P | P250 | 93 | 190.2 | 13.1 | 1.0 | 25.6 | 1,141.2 | 6 |
| Kruger | K-7194 | VT3P | P500,V | 94 | 189.0 | 12.9 | 1.0 | 28.0 | 1,134.0 | 7 |
| Rea | 4V588 | VT3P | P250 | 94 | 187.7 | 12.8 | 1.0 | 27.1 | 1,126.2 | 8 |
| Rea | 4B285 | VT2P | P250 | 93 | 186.9 | 13.5 | 1.0 | 27.6 | 1,121.4 | 9 |
| Gold Country | 93-07 | VT3P | P250 | 93 | 186.7 | 12.9 | 1.0 | 29.0 | 1,120.2 | 10 |
| Renk | RK585VT3P | VT3P | P250 | 95 | 186.5 | 13.0 | 1.0 | 24.2 | 1,119.0 | 11 |
| Seeds 2000 | 9202VT2P | VT2P | P250 | 92 | 185.8 | 12.8 | 1.0 | 25.7 | 1,114.8 | 12 |
| Kruger | K-7593 | VT3P | P500,V | 93 | 185.5 | 12.9 | 1.0 | 16.9 | 1,113.0 | 13 |
| Wensman | W 7268VT3 | VT3 | P250 | 96 | 184.8 | 13.3 | 1.0 | 24.2 | 1,108.8 | 15 |
| PGS Hybrids | 4390-3000GT | 3000GT | C250 | 90 | 183.6 | 12.4 | 2.0 | 26.1 | 1,101.6 | 16 |
| Renk | RK434VT3P | VT3P | P250 | 92 | 183.1 | 12.4 | 1.0 | 26.1 | 1,098.6 | 17 |
| Mustang | 4212 | VT3P | P500,V | 95 | 182.6 | 13.0 | 1.0 | 27.6 | 1,095.6 | 18 |
| Mustang | 4689 | VT3 | P500,V | 95 | 181.8 | 13.0 | 1.0 | 27.6 | 1,090.8 | 19 |
| Dyna-Gro | D32VP29 | VT3P | P250 | 92 | 181.1 | 12.8 | 1.0 | 26.6 | 1,086.6 | 20 |
| Kruger | K-4292 | VT2P | P500,V | 92 | 181.1 | 13.6 | 1.0 | 26.1 | 1,086.6 | 21 |
| King | 4010GTCBLL GC | GT/CB/LL | None | 91 | 180.5 | 12.8 | 1.0 | 28.5 | 1,083.0 | 22 |
| Dekalb | DKC42-72 GC | VT3 | P250 | 92 | 179.3 | 12.9 | 1.0 | 25.2 | 1,075.8 | 23 |
| Rea | 4V653 | VT3P | P250 | 96 | 178.2 | 12.9 | 1.0 | 25.2 | 1,069.2 | 24 |
| Stine | 9311VT3Pro* | VT3P | C250 | 93 | 177.3 | 13.1 | 1.0 | 26.6 | 1,063.8 | 25 |
| AgVenture/Scherr | RL4802HBW | HXT,RR2 | P1250 | 95 | 176.8 | 13.8 | 1.0 | 27.1 | 1,060.8 | 26 |
| Stine | 9207GTCBLL* | GT/CB/LL | C250 | 91 | 176.4 | 12.7 | 1.0 | 28.1 | 1,058.4 | 27 |
| Rea | 4A609 | STX | P250 | 95 | 176.3 | 13.4 | 1.0 | 27.6 | 1,057.8 | 28 |
| Proseed | 1193VT3Pro* | VT3P | C250 | 93 | 175.7 | 13.0 | 1.0 | 24.2 | 1,054.2 | 29 |
| Dekalb | DKC43-27 GC | VT3 | P250 | 93 | 175.5 | 13.4 | 1.0 | 24.2 | 1,053.0 | 30 |
| PGS Hybrids | 3349GT/CB/LL | GT/CB/LL | C500 | 86 | 175.2 | 13.2 | 1.0 | 26.6 | 1,051.2 | 31 |
| Channel | 197-32VT3P CK | VT3P | P500,V | 97 | 185.3 | 13.6 | 2.0 | 26.1 | 1,111.8 | 14 |
| Test Average = | | | | | 176.7 | 13.1 | 1.1 | 26.3 | 1,060.0 | |
| LSD (0.10) = | | | | | 14.7 | 0.5 | 0.7 | | | |
| C.V. = | | | | | 6.1 | 2.7 | | | | |



F.I.R.S.T. Manager

TEST COMMENTS: *We had this site planted in a timely manor and that really helped produce some nice yields this year. Tim said his better corn was all planted close to when the plot was planted. The plot was standing real well and had very little lodging at harvest. Nice fall weather and dry corn made for a good harvest.*

Lat: N44.51475, Long: W-97.08387

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 Price = \$6.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

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

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Report Date: 10/28/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

Tim Bjorklund, Brookings County, SD 57212 [ARLINGTON]

FULL SEASON TEST
97 - 100 Day CRM

B1SDNE08b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hetland silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 5.5% OM
 PEST MANAGEMENT: Glyphosate, Corvus, Force
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-80-125

30" ROW SPACING

SEEDED - RATE: May 10 29,000 /A
 HARVESTED - STAND: Oct 27 26,400 /A

TOP 30 OF 35 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technology [†] | IST ^{††} | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|----------------|-------------------------|-------------------|-----|--------------|-------------|------------|----------------|----------------------|------|
| AgVenture/Scherr | 5925 | HXT,RR2 | C250 | 100 | 207.4 | 16.9 | 1.0 | 24.2 | 1,224.7 | 1 |
| Wensman | W 7290VT3PRO | VT3P | P250 | 99 | 202.2 | 16.4 | 1.0 | 25.2 | 1,199.0 | 3 |
| Wensman | W 8294VT2PRO | VT2P | P250 | 99 | 201.7 | 16.0 | 1.0 | 25.2 | 1,200.1 | 2 |
| Gold Country | 101-77 | VT3 | P250 | 101 | 200.2 | 16.2 | 1.0 | 28.0 | 1,189.2 | 5 |
| NuTech | 5N-001* | 3000GT | C250 | 100 | 198.6 | 18.6 | 1.0 | 26.6 | 1,155.9 | 6 |
| Producers | 6044VT3 | VT3 | P250 | 100 | 195.7 | 17.6 | 1.0 | 27.1 | 1,148.8 | 7 |
| Wensman | W 7273VT3 | VT3 | P250 | 98 | 191.7 | 15.4 | 1.0 | 25.6 | 1,146.4 | 8 |
| Renk | RK580VT3 | VT3 | P250 | 98 | 190.5 | 16.4 | 1.0 | 24.7 | 1,129.7 | 10 |
| Dairyland | ST-9399 | 3000GT | C250 | 99 | 189.9 | 17.5 | 2.0 | 26.1 | 1,115.7 | 12 |
| King | 5808 3000GT GC | 3000GT | C250 | 98 | 189.7 | 16.7 | 1.0 | 27.1 | 1,122.1 | 11 |
| Wensman | W 7270VT3PRO | VT3P | P250 | 97 | 188.8 | 15.3 | 1.0 | 27.1 | 1,130.0 | 9 |
| Seeds 2000 | 9902G3 | 3000GT | C250,AV | 99 | 188.4 | 17.3 | 1.0 | 26.1 | 1,108.7 | 13 |
| G2 Genetics | 5H-696^* | HX,RR2 | C250 | 96 | 187.5 | 17.6 | 1.0 | 27.1 | 1,100.6 | 15 |
| NK Brand | N39Z-3000GT GC | 3000GT | C250 | 99 | 187.2 | 17.1 | 1.0 | 21.3 | 1,103.5 | 14 |
| Kruger | K-6399VT3 | VT3 | P500,V | 99 | 184.6 | 16.5 | 1.0 | 28.1 | 1,093.8 | 18 |
| Kruger | K4-9100 | STX | P500,V | 100 | 184.2 | 16.8 | 1.0 | 26.1 | 1,088.6 | 19 |
| Dekalb | DKC49-94 GC | STX | P500,V | 99 | 183.9 | 15.7 | 1.0 | 26.1 | 1,097.0 | 16 |
| Stine | 9417VT3* | VT3 | C250 | 100 | 183.5 | 15.6 | 1.0 | 26.6 | 1,095.5 | 17 |
| Pioneer | P9990XR GC | HXT,RR2 | C250 | 99 | 183.4 | 17.4 | 1.0 | 26.6 | 1,078.4 | 21 |
| Gold Country | 98-90 | STX | P250 | 98 | 180.7 | 18.3 | 1.0 | 30.0 | 1,054.4 | 24 |
| NuTech | 5N-197* | 3000GT | C250 | 97 | 180.3 | 16.1 | 1.0 | 26.6 | 1,071.9 | 22 |
| NuTech | 3A-9901* | GT | C250 | 98 | 180.0 | 15.1 | 1.0 | 27.1 | 1,079.1 | 20 |
| Kruger | K4-9599 | STX | P500,V | 99 | 179.2 | 18.8 | 1.0 | 24.2 | 1,041.2 | 26 |
| G2 Genetics | 5X-0001^ | HXT,RR2 | P1250,V | 100 | 178.7 | 18.7 | 1.0 | 27.1 | 1,039.1 | 27 |
| AgVenture/Scherr | RL5267HBW | HXT,RR2 | P1250 | 97 | 178.3 | 17.2 | 1.0 | 26.1 | 1,050.2 | 25 |
| Producers | 5784VT3 | VT3 | P500,V | 97 | 176.8 | 15.4 | 1.0 | 26.1 | 1,057.3 | 23 |
| Pioneer | P9910AM1 GC | HXT,RR2 | C250 | 99 | 172.8 | 16.0 | 1.0 | 27.1 | 1,028.2 | 28 |
| Dekalb | DKC50-66 GC | VT3 | P250 | 100 | 171.4 | 17.0 | 1.0 | 29.5 | 1,011.3 | 31 |
| Gold Country | 100-07 | VT3 | P250 | 100 | 170.7 | 15.4 | 1.0 | 25.6 | 1,020.8 | 29 |
| G2 Genetics | 5H-797^* | HX,RR2 | C250 | 97 | 169.5 | 15.3 | 1.0 | 27.6 | 1,014.5 | 30 |
| Channel | 197-32VT3P CK | VT3P | P500,V | 97 | 201.4 | 16.4 | 1.0 | 28.1 | 1,194.3 | 4 |
| Test Average = | | | | | 183.3 | 16.6 | 1.0 | 26.4 | 1,084.9 | |
| LSD (0.10) = | | | | | 12.8 | 1.1 | 0.4 | | | |
| C.V. = | | | | | 5.1 | 4.9 | | | | |



F.I.R.S.T. Manager

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

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Report Date: 10/28/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---------------------------------------|
| 3000GT | Agrisure® 3000GT |
| 3111 | Agrisure® Viptera™ 3111 |
| AMRW | Optimum® AcreMax™ Rootworm Protection |
| 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® herbicide tolerance |
| RR | Roundup Ready® Soybeans |
| RR2 | Roundup Ready® Corn 2 |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STX | SmartStax® |
| STS | STS® herbicide tolerance |
| VT2P | Genuity® VT Double PRO™ |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO™ |

Seed Treatments

| | |
|----|-----------------|
| A | Allegiance® |
| AC | Acceleron® |
| AM | ApronMaxx® |
| AP | Apron XL® |
| AV | Avicta® |
| C | Cruiser® |
| CM | CruiserMaxx® |
| E | Excalibre™ |
| I | Inovate™ System |
| G | Gaicho® |
| O | Optimize® |
| P | Poncho® |
| T | Trilex® |
| T2 | Trilex® 2000 |
| T6 | Trilex® 6000 |
| V | VOTIVO® |

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