

**2012 BETTER HYBRIDS Harvest Report for South Dakota Northeast [ SDNE ]**

Greg Bich, Beadle County, SD 57324 [ CAVOUR ]

**EARLY SEASON TEST**

91 - 96 Day CRM

PREV. CROP/HERB: Soybean / Valor, Roundup PowerMax, Select Max, Silencer B2SDNE11a  
 SOIL DESCRIPTION: Houdek-Prosper sandy loam, poor drained, no-till, non-irrigated  
 SOIL CONDITION: Mod. Low P, mod. low K, 5.8 pH, 2.8% OM  
 PEST MANAGEMENT: Force, Roundup PowerMax, Harness Xtra 30" ROW SPACING  
 FERTILITY - Applied N: 150 Spring  
 Applied N-P-K (units): 150-0-0  
 SEEDED - RATE: May 3 28,800 /A TOP 30 OF 52 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 11 24,300 /A AVERAGE of (3) REPLICATIONS

| Company/Brand  | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|----------------|-----------|-----------------|----|------------|------------|-----------|----------------|----------------------|------|
| Gold Country   | 96-36GENVT3P   | VT3P      | AC,P2           | 95 | 155.2      | 11.1       | 2         | 24.7           | 1,164                | 1    |
| Seeds 2000     | 9504VT3P       | VT3P      | AC,P2           | 95 | 144.8      | 11.0       | 2         | 21.3           | 1,086                | 2    |
| Titan Pro      | X2M95          | VT3P      | AC,P5V          | 95 | 139.2      | 11.2       | 1         | 25.2           | 1,044                | 4    |
| Renk           | RK568VT3P      | VT3P      | AC,P2           | 95 | 137.2      | 11.0       | 1         | 24.7           | 1,029                | 5    |
| Dyna-Gro       | D34VP52        | VT3P      | AC,P5V          | 94 | 137.1      | 10.9       | 2         | 25.1           | 1,028                | 6    |
| Rea            | 4V941          | VT3P      | AC,P5V          | 94 | 137.1      | 11.0       | 4         | 26.6           | 1,028                | 7    |
| Pioneer        | P9630HR GC     | HX,RR2    | MQ,C2           | 96 | 135.9      | 10.7       | 1         | 25.1           | 1,019                | 8    |
| Great Lakes    | 4567VT3PRO     | VT3P      | AC,P5V          | 95 | 134.4      | 10.5       | 1         | 24.2           | 1,008                | 9    |
| Seeds 2000     | 9503VT2P       | VT2P      | AC,P2           | 95 | 133.0      | 10.9       | 2         | 28.1           | 998                  | 10   |
| Stine          | 9422VT3Pro     | VT3P      | AC,P2           | 96 | 132.5      | 11.0       | 1         | 23.2           | 994                  | 11   |
| Wensman        | W 7268VT3      | VT3       | AC,P5V          | 96 | 131.2      | 10.9       | 1         | 23.2           | 984                  | 12   |
| Wensman        | W 8184VT3PRO   | VT3P      | AC,P5V          | 95 | 130.9      | 10.9       | 2         | 25.6           | 982                  | 13   |
| Kruger         | K-7195         | VT3P      | AC,P5V          | 95 | 130.0      | 10.8       | 2         | 23.7           | 975                  | 14   |
| Titan Pro      | 1M96-3P        | VT3P      | AC,P2           | 96 | 129.6      | 10.6       | 1         | 23.7           | 972                  | 15   |
| Renk           | RK434VT3P      | VT3P      | AC,P2           | 92 | 129.1      | 10.7       | 2         | 23.2           | 968                  | 16   |
| Titan Pro      | X2M93          | VT3P      | AC,P5V          | 93 | 129.0      | 11.0       | 1         | 23.2           | 968                  | 17   |
| Rea            | 4A654-RIB      | STX-R     | AC,P2           | 96 | 128.8      | 10.9       | 1         | 24.2           | 966                  | 18   |
| Wensman        | W 7140VT3PRO   | VT3P      | AC,P5V          | 93 | 128.3      | 10.9       | 4         | 25.2           | 962                  | 19   |
| Dyna-Gro       | D35VP40        | VT3P      | AC,P2           | 95 | 126.8      | 10.4       | 1         | 22.3           | 951                  | 20   |
| Stine          | 9311VT3Pro     | VT3P      | AC,P2           | 92 | 126.4      | 10.9       | 1         | 25.6           | 948                  | 21   |
| Producers      | 5514VT3Pro     | VT3P      | AC,P5V          | 95 | 126.3      | 10.5       | 1         | 26.1           | 947                  | 22   |
| Gold Country   | 95-33GENVT3P   | VT3P      | AC,P5V          | 95 | 125.5      | 10.6       | 1         | 22.7           | 941                  | 23   |
| Seeds 2000     | 9202VT2P       | VT2P      | AC,P2           | 92 | 123.3      | 10.5       | 1         | 23.2           | 925                  | 24   |
| Viking         | C44-95R        | VT3P      | AC,P2           | 95 | 122.9      | 10.7       | 2         | 21.3           | 922                  | 25   |
| Great Lakes    | 4646STXRIB     | STX-R     | AC,P5V          | 96 | 122.2      | 10.8       | 1         | 24.7           | 917                  | 26   |
| Mustang        | 3893           | VT3P      | AC,P2           | 93 | 121.8      | 10.5       | 13        | 23.7           | 914                  | 27   |
| Mustang        | 3643           | VT3P      | AC,P2           | 93 | 120.2      | 10.9       | 1         | 23.2           | 902                  | 28   |
| G2 Genetics    | 5X-9402^       | HXT,RR2   | MQ,R,P1V        | 94 | 120.1      | 10.4       | 5         | 23.7           | 901                  | 29   |
| Titan Pro      | X2M91          | VT3P      | AC,P5V          | 91 | 119.0      | 10.3       | 4         | 22.7           | 893                  | 30   |
| Dekalb         | DKC45-51RIB GC | STX-R     | AC,P2           | 95 | 118.4      | 10.9       | 1         | 25.6           | 888                  | 31   |
| Dekalb         | DKC48-37 CK    | VT3       | AC,P2           | 98 | 139.8      | 10.9       | 1         | 23.7           | 1,049                | 3    |
| Test Average = |                |           |                 |    | 121.5      | 10.7       | 3         | 24.3           | 911                  |      |
| LSD (0.10) =   |                |           |                 |    | 20.5       | 0.5        | 6         |                |                      |      |
| C.V. =         |                |           |                 |    | 12.4       | 3.3        |           |                |                      |      |

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This site had some hail this summer which stripped the leaves and caused some green snap and stalk lodging issues. In the early season test, we had some ears on the ground. The damage was from weak ear shanks. May and June rainfall was near average but July was dry and hot. We lost some yield potential from the stress. Lat: 44.39099, Long: -98.07304

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.  
 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, **ns** = not significantly different

**2012 BETTER HYBRIDS Harvest Report for South Dakota Northeast [ SDNE ]**

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**FULL SEASON TEST**
**97 - 100 Day CRM**

B2SDNE11b

 PREV. CROP/HERB: Soybean / Valor, Roundup PowerMax, Select Max, Silencer  
 SOIL DESCRIPTION: Houdek-Prosper sandy loam, poor drained, no-till, non-irrigated  
 SOIL CONDITIONS: Mod. Low P, mod. low K, 5.8 pH, 2.8% OM  
 PEEL MANAGEMENT: Force, Roundup PowerMax, Harness Xtra  
 FERTILITY - Applied N: 150 Spring  
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

 SEEDED - RATE: May 3 28,800 /A  
 HARVESTED - STAND: Oct 11 24,300 /A

**TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

| Company/Brand    | Product/Brand†  | Technol.† | Seed Treatment† | RM  | Yield Bu/A   | Moisture %  | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|-----------------|-----------|-----------------|-----|--------------|-------------|-----------|----------------|----------------------|------|
| Dekalb           | DKC48-12RIB GC  | STX-R     | AC,P2           | 98  | <b>137.5</b> | 10.5        | 1         | 25.2           | 1,031                | 1    |
| Wensman          | W 7320VT3PRO    | VT3P      | AC,P5V          | 101 | <b>135.8</b> | 11.2        | 1         | 26.6           | 1,019                | 2    |
| Wensman          | W 9288VT3PRO    | VT3P      | AC,P5V          | 98  | <b>135.7</b> | 11.0        | 2         | 23.2           | 1,018                | 3    |
| Wensman          | W 7273VT3       | VT3       | AC,P5V          | 98  | <b>134.6</b> | 10.8        | 1         | 25.2           | 1,010                | 4    |
| Gold Country     | 97-40GENVT3P    | VT3P      | AC,P5V          | 97  | <b>134.2</b> | 10.9        | 4         | 23.2           | 1,007                | 5    |
| Pioneer          | P9807HR GC      | HX,RR2    | MQ,C2           | 98  | 133.5        | 10.5        | 9         | 24.7           | 1,001                | 6    |
| Pioneer          | P9917HR GC      | HX,RR2    | MQ,C2           | 99  | 133.2        | 10.8        | 2         | 23.2           | 999                  | 7    |
| Great Lakes      | 4879VT3PRO      | VT3P      | AC,P5V          | 98  | 132.0        | 11.0        | 2         | 26.1           | 990                  | 8    |
| G2 Genetics      | 5X-0004^        | HXT,RR2   | MQ,R,P1V        | 100 | 131.9        | 10.4        | 1         | 22.8           | 989                  | 9    |
| Wensman          | W 7290VT3PRO    | VT3P      | AC,P5V          | 99  | 129.0        | 10.8        | 1         | 24.7           | 968                  | 10   |
| Great Lakes      | 5015VT3PRO      | VT3P      | AC,P5V          | 100 | 127.9        | 10.8        | 1         | 22.7           | 959                  | 11   |
| Seeds 2000       | 3011G3          | 3000GT    | MQ,C2           | 100 | 124.9        | 10.6        | 1         | 24.2           | 937                  | 12   |
| Gold Country     | 99-33GENVT3P    | VT3P      | AC,P5V          | 99  | 124.8        | 10.7        | 1         | 25.6           | 936                  | 13   |
| Titan Pro        | 1M99            | RR2       | AC,P2           | 99  | 124.1        | 11.3        | 2         | 24.2           | 931                  | 14   |
| Kruger           | K-7597          | VT3P      | AC,P5V          | 97  | 122.8        | 10.5        | 2         | 21.3           | 921                  | 15   |
| Dyna-Gro         | D39VP14         | VT3P      | AC,P5V          | 99  | 122.5        | 11.3        | 1         | 24.2           | 919                  | 16   |
| Rea              | 5V980           | VT3P      | AC,P5V          | 98  | 122.4        | 10.7        | 2         | 23.7           | 918                  | 17   |
| Rea              | 4B820-RIB       | VT2P-R    | AC,P2           | 97  | 122.1        | 10.6        | 1         | 24.7           | 916                  | 18   |
| Producers        | 5904VT3Pro      | VT3P      | AC,P5V          | 99  | 120.6        | 10.9        | 2         | 22.2           | 905                  | 19   |
| Kruger           | K-7696          | VT3P      | AC,P5V          | 97  | 120.3        | 10.8        | 1         | 24.2           | 902                  | 20   |
| Renk             | RK585VT3P       | VT3P      | AC,P2           | 97  | 120.1        | 10.6        | 9         | 24.2           | 901                  | 21   |
| Renk             | RK576VT3P       | VT3P      | AC,P2           | 97  | 119.2        | 10.5        | 1         | 24.7           | 894                  | 22   |
| AgVenture/Scherr | VPmx RL5925HBW^ | HXT,RR2   | MQ,P1V          | 101 | 118.4        | 10.4        | 1         | 25.2           | 888                  | 23   |
| Producers        | 5784VT3         | VT3       | AC,P5V          | 97  | 118.0        | 11.0        | 10        | 23.2           | 885                  | 24   |
| Mustang          | 5808            | STX       | AC,P2           | 98  | 117.7        | 10.6        | 1         | 23.7           | 883                  | 25   |
| Gold Country     | 99-04GENVT3P    | VT3P      | AC,P5V          | 99  | 117.5        | 11.3        | 4         | 24.7           | 881                  | 26   |
| Kruger           | K-7400          | VT3P      | AC,P5V          | 100 | 117.4        | 10.5        | 1         | 23.2           | 881                  | 27   |
| Dairyland        | DS9501SSX       | STX       | AVC,C2          | 101 | 117.2        | 10.1        | 1         | 23.7           | 879                  | 28   |
| Dyna-Gro         | D37VP71         | VT3P      | AC,P2           | 97  | 116.9        | 10.5        | 1         | 23.2           | 877                  | 29   |
| Renk             | RK580SSTX RIB   | STX-R     | AC,P2           | 98  | 116.1        | 10.8        | 1         | 25.1           | 871                  | 30   |
| Dekalb           | DKC48-37 CK     | VT3       | AC,P2           | 98  | 112.8        | 10.8        | 2         | 22.3           | 846                  | 34   |
| Test Average =   |                 |           |                 |     | <b>119.6</b> | <b>10.7</b> | <b>2</b>  | <b>24.3</b>    | <b>897</b>           |      |
| LSD (0.10) =     |                 |           |                 |     | 14.6         | 0.8         | 5         |                |                      |      |
| C.V. =           |                 |           |                 |     | 9.0          | 5.7         |           |                |                      |      |

  
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## 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. VPMMaxx® 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®, VPMMaxx® 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® - sulfonylurea 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

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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