

2012 BETTER HYBRIDS Harvest Report for South Dakota Southeast [SDSE]

Jason & Ken Frick, Clay County, SD 57004 [BERESFORD]

EARLY SEASON TEST
99 - 104 Day CRM

B2SDSE03a

PREV. CROP/HERB: Soybean / Roundup, Warrior
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 4.1% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

SEEDED - RATE: May 2 31,000 /A
 HARVESTED - STAND: Sep 19 29,400 /A

TOP 30 OF 52 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 |
|----------------|--------------------|-------------|-----------------|------------|-------------|-------------|-----------|----------------|----------------------|----------|
| Gold Country | 99-33GENVT3P | VT3P | AC,P5V | 99 | 87.5 | 9.4 | 6 | 29.0 | 656 | 1 |
| Renze | 2181-3000GT | 3000GT | CE,C2 | 101 | 81.5 | 10.6 | 6 | 28.5 | 611 | 2 |
| LG Seeds | LG5499VT3Pro | VT3P | AC,P5V | 100 | 80.8 | 11.9 | 10 | 28.6 | 606 | 3 |
| Gold Country | 100-95GENVT3P | VT3P | AC,P5V | 100 | 77.9 | 11.1 | 2 | 30.0 | 584 | 4 |
| Pioneer | P9917AM1 GC | AM1,RR2 | MQ,C2 | 99 | 72.5 | 10.6 | 9 | 30.0 | 544 | 6 |
| Mustang | 6460 | 3000GT | AC,P2 | 103 | 71.9 | 16.5 | 11 | 28.5 | 537 | 7 |
| Pfister | 2225RR | RR2 | AC,P2 | 101 | 65.4 | 12.3 | 3 | 28.1 | 491 | 8 |
| Wensman | W 7290VT3PRO | VT3P | AC,P5V | 99 | 62.6 | 11.1 | 3 | 30.0 | 470 | 9 |
| NuTech | 5N-001 | 3000GT | MQ,R,C2 | 101 | 62.0 | 10.9 | 7 | 27.6 | 465 | 10 |
| Pfister | 1760VT3 | VT3 | AVC,C2 | 99 | 61.2 | 13.3 | 10 | 28.5 | 459 | 11 |
| Wensman | W 7330VT3 | VT3 | AC,P5V | 103 | 61.1 | 14.1 | 8 | 30.0 | 458 | 12 |
| Renk | RK635VT3P | VT3P | AC,P2 | 102 | 60.8 | 11.4 | 3 | 30.5 | 456 | 13 |
| Kruger | K-7400 | VT3P | AC,P5V | 100 | 60.7 | 11.0 | 5 | 38.7 | 455 | 14 |
| Titan Pro | 81A04GL | 3000GT | MQ,C2 | 104 | 59.7 | 15.1 | 26 | 30.5 | 448 | 15 |
| Great Lakes | 5015VT3PRO | VT3P | AC,P5V | 100 | 58.7 | 9.7 | 7 | 29.5 | 440 | 16 |
| Renze | 2222-3000GT | 3000GT | CE,C2 | 104 | 58.1 | 14.8 | 10 | 28.6 | 436 | 17 |
| Wensman | W 9325VT3PRO | VT3P | AC,P5V | 102 | 57.9 | 9.1 | 13 | 30.0 | 434 | 18 |
| Gold Country | 99-04GENVT3P | VT3P | AC,P5V | 99 | 56.7 | 15.3 | 5 | 28.5 | 425 | 19 |
| Titan Pro | 2M01-3P | VT3P | AC,P5V | 101 | 56.0 | 13.7 | 15 | 29.5 | 420 | 20 |
| Renk | RK629VT3P | VT3P | AC,P2 | 101 | 53.9 | 12.1 | 5 | 29.5 | 404 | 21 |
| Kruger | K-7600 | VT3P | AC,P5V | 100 | 52.8 | 13.7 | 4 | 30.0 | 396 | 22 |
| Heine | 741-3111 | 3111 | AC,P2 | 104 | 52.6 | 11.7 | 11 | 30.9 | 395 | 23 |
| G2 Genetics | 5H-502^ | HX,RR2 | MQ,R,C2 | 102 | 52.3 | 11.8 | 6 | 27.1 | 392 | 24 |
| Wensman | W 7320VT3PRO | VT3P | AC,P5V | 101 | 52.0 | 13.4 | 3 | 28.0 | 390 | 25 |
| Prairie Brand | 1022RR | RR2 | AC,P2 | 102 | 51.4 | 11.3 | 3 | 30.0 | 386 | 26 |
| Dairyland | DS9303SSX | STX | AVC,C2 | 103 | 50.4 | 14.6 | 22 | 28.1 | 378 | 27 |
| Great Lakes | 5368VT3PRO | VT3P | AC,P5V | 103 | 50.2 | 16.1 | 6 | 28.5 | 375 | 28 |
| G2 Genetics | 5Z-802^ | OI,RR2 | MQ,R,P1V | 102 | 49.6 | 12.8 | 7 | 28.1 | 372 | 29 |
| LG Seeds | LG2501VT3Pro | VT3P | AC,P5V | 101 | 49.0 | 11.2 | 4 | 29.5 | 368 | 30 |
| Dairyland | DS6903 | RR2 | AVC,C2 | 103 | 49.0 | 13.4 | 21 | 30.0 | 368 | 31 |
| Dekalb | DKC52-04 CK | VT3P | AC,P2 | 102 | 75.3 | 13.3 | 4 | 29.5 | 565 | 5 |
| Test Average = | | | | | 52.9 | 12.1 | 8 | 29.4 | 397 | |
| LSD (0.10) = | | | | | 23.9 | 2.9 | 11 | | | |
| C.V. = | | | | | 33.3 | 17.4 | | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *Being situated on a sloped side hill to avoid flooding, this test struggled to yield in a drought. Rainfall, June to Sept. 1, was more than 4" below average. Kendall said the field surrounding us averaged over 100 bu./acre, yielding best on the lowest ground. Plants were small with tops broken off above ears but stood surprisingly well. Some plots had no ears.*

Lat: 42.96817, Long: -96.815

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 Southeast [SDSE]

Jason & Ken Frick, Clay County, SD 57004 [BERESFORD]

FULL SEASON TEST

105 - 108 Day CRM

B2SDSE03b

PREV. CROP/HERB: Soybean / Roundup, Warrior
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.7 pH, 4.1% OM
 PEIL MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

SEEDED - RATE: May 2 31,000 /A
 HARVESTED - STAND: Sep 19 30,000 /A

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

AVERAGE of (2) REPLICATIONS

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-------------------------|----------------|-----------|-----------------|-----|------------|------------|-----------|----------------|----------------------|------|
| G2 Genetics | 5H-806^ | HX,RR2 | MQ,R,P1V | 106 | 93.3 | 17.7 | 5 | 31.2 | 694 | 1 |
| Great Lakes | 5785VT3PRO | VT3P | AC,P5V | 107 | 85.4 | 17.6 | 1 | 27.6 | 635 | 2 |
| Titan Pro | 2M07-SS | STX | AC,P5V | 107 | 72.7 | 16.2 | 1 | 29.1 | 543 | 3 |
| Renk | RK752SSTX | STX | AC,P2 | 106 | 68.8 | 12.4 | 4 | 28.3 | 516 | 4 |
| Wensman | W 7459VT3PRO | VT3P | AC,P5V | 107 | 68.5 | 18.4 | 3 | 30.5 | 508 | 5 |
| Kruger | K-7306 | VT3P | AC,P5V | 106 | 67.0 | 20.1 | 3 | 34.9 | 494 | 6 |
| Producers | 6624VT3Pro | VT3P | AC,P5V | 106 | 57.9 | 22.4 | 4 | 30.5 | 424 | 8 |
| Dairyland | DS6604 | RR2 | CE,C2 | 104 | 56.0 | 10.7 | 3 | 27.6 | 420 | 9 |
| Heine | 810VT3P | VT3P | AC,P2 | 108 | 55.9 | 15.6 | 5 | 31.9 | 418 | 10 |
| G2 Genetics | 5H-0504^ | HX,RR2 | MQ,R,P1V | 105 | 54.1 | 13.7 | 9 | 30.5 | 406 | 11 |
| G2 Genetics | 5Z-407^ | OI,RR2 | MQ,R,P1V | 107 | 54.0 | 12.2 | 3 | 27.6 | 405 | 12 |
| G2 Genetics | 5Z-008^ | OI,RR2 | MQ,R,P1V | 108 | 53.0 | 16.2 | 37 | 29.8 | 396 | 13 |
| Producers | 6884VT3Pro | VT3P | AC,P5V | 108 | 49.0 | 16.9 | 3 | 29.8 | 365 | 14 |
| LG Seeds | LG5533VT3Pro | VT3P | AC,P5V | 107 | 48.7 | 21.0 | 1 | 30.5 | 358 | 16 |
| Renk | RK741SSTX RIB | STX-R | AC,P2 | 107 | 48.0 | 15.1 | 3 | 29.8 | 360 | 15 |
| Kruger | KR-4207 | VT2P-R | AC,P2 | 107 | 46.5 | 12.8 | 3 | 31.2 | 349 | 17 |
| Wensman | W 7473VT3 | VT3 | AC,P5V | 109 | 46.0 | 19.9 | 5 | 30.5 | 339 | 18 |
| Heine | 799VT3Pro | VT3P | AC,P2 | 108 | 44.4 | 22.5 | 3 | 31.9 | 325 | 20 |
| Curry | 626-69^ GC | HX,RR2 | CE,R,C2 | 106 | 44.1 | 12.9 | 3 | 29.0 | 331 | 19 |
| LG Seeds | LG2544VT3 | VT3 | AC,P5V | 108 | 41.9 | 19.0 | 1 | 36.3 | 310 | 21 |
| Mustang | 6808 | STX | AC,P2 | 106 | 40.9 | 14.7 | 3 | 28.3 | 307 | 22 |
| Renk | RK795VT3P | VT3P | AC,P2 | 108 | 39.8 | 21.5 | 1 | 29.1 | 292 | 23 |
| Heine | 768-3000GT | 3000GT | CE,C2 | 106 | 37.7 | 22.3 | 13 | 30.5 | 276 | 24 |
| Stine | 9529VT3Pro | VT3P | AC,P2 | 107 | 35.3 | 16.3 | 4 | 26.2 | 264 | 25 |
| Curry | 625-54^ GC | HX,RR2 | CE,R,C2 | 105 | 32.6 | 17.3 | 4 | 27.6 | 243 | 26 |
| Titan Pro | X2M08 | VT3P | AC,P5V | 108 | 31.1 | 14.4 | 3 | 31.9 | 233 | 27 |
| Kruger | K4R-9205 | STX-R | AC,P5V | 105 | 29.2 | 16.4 | 4 | 28.3 | 218 | 28 |
| Titan Pro | 1M05-SS | STX | AC,P2 | 105 | 29.1 | 17.9 | 3 | 30.5 | 216 | 29 |
| Kruger | K-7907 | VT3P | AC,P5V | 107 | 25.9 | 17.5 | 3 | 29.0 | 193 | 30 |
| Row intentionally blank | | | | | | | | | | |
| DeKalb | DKC52-04 CK | VT3P | AC,P2 | 102 | 65.8 | 11.9 | 3 | 29.8 | 494 | 7 |
| Test Average = | | | | | 50.8 | 16.8 | 5 | 30.0 | 379 | |
| LSD (0.10) = | | | | | 27.8 | 3.7 | 13 | | | |
| C.V. = | | | | | 32.1 | 13.1 | | | | |


 F.I.R.S.T. Manager

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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

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