

**2010 BETTER VARIETIES Harvest Report for South Dakota East Central [ SDEC ]**

S0SDEC07

Greg Bich, Beadle County, SD 57324 [ CAVOUR ]

PREV. CROP/HERB: Corn / Balance Pro, Roundup  
 SOIL DESCRIPTION: Houdek-Prosper sandy loam, non-irrigated, poor drained 1.6 - 2.3 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, mod. low P, mod. low K, 6.6 pH, 5.2% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE: May 18 150,000 /A TOP 30 for YIELD of 35 TESTED  
 HARVESTED - STAND: Oct 7 76,500 /A AVERAGE of (3) REPLICATIONS

| Company        | Brand      | Technol. <sup>†</sup> | Mat. | SCN Resist. | Seed <sup>††</sup> Trmt. | Yield (Bu/A) | Moisture (%) | Lodging (%) | Stand (x 1000) | Gross Income   |
|----------------|------------|-----------------------|------|-------------|--------------------------|--------------|--------------|-------------|----------------|----------------|
| Wensman        | W3230R2    | RR2Y                  | 2.3  | S           | AC                       | <b>35.5</b>  | 12.1         | 1.0         | 109.2          | \$355.6        |
| Prairie Brand  | PB-2419RR2 | RR2Y                  | 2.3  | S           | CM                       | <b>33.7</b>  | 9.9          | 1.0         | 89.4           | \$339.1        |
| Prairie Brand  | PB-2278RR  | RR                    | 2.2  | S           | CM                       | <b>29.9</b>  | 10.8         | 1.0         | 75.5           | \$300.3        |
| Wensman        | W3180NR2   | RR2Y                  | 1.8  | R           | AC                       | 29.3         | 9.4          | 1.0         | 94.1           | \$295.1        |
| Channel        | 2300R2     | RR2Y                  | 2.3  | R           | AC                       | 28.8         | 12.4         | 1.0         | 62.7           | \$288.3        |
| Kruger         | K2-2101    | RR2Y                  | 2.1  | R           | AC                       | 28.6         | 12.0         | 1.0         | 67.4           | \$286.6        |
| NK Brand       | S21-N6 GC  | RR                    | 2.1  | S           | None                     | 26.6         | 8.9          | 1.0         | 83.6           | \$268.2        |
| Mustang        | M-21421    | RR2Y                  | 2.1  | R           | AC                       | 26.6         | 10.0         | 1.0         | 80.1           | \$267.6        |
| Prairie Brand  | PB-2020R2  | RR2Y                  | 2.0  | S           | CM                       | 26.5         | 9.2          | 1.0         | 84.8           | \$267.0        |
| Prairie Brand  | PB-1722R2* | RR2Y                  | 1.7  | R           | CM                       | 26.2         | 9.4          | 1.0         | 83.6           | \$263.9        |
| Gold Country   | 2140       | RR2Y                  | 2.1  | R           | AC                       | 26.1         | 10.9         | 1.0         | 75.5           | \$262.1        |
| Kruger         | K2-2301    | RR2Y                  | 2.3  | S           | AC                       | 26.1         | 11.8         | 1.0         | 68.5           | \$261.6        |
| Mustang        | M-23530    | RR2Y                  | 2.3  | S           | AC                       | 25.3         | 10.0         | 1.0         | 80.1           | \$254.5        |
| Gold Country   | 1844       | RR2Y                  | 1.8  | R           | AC                       | 25.2         | 12.4         | 1.0         | 80.2           | \$252.3        |
| Mustang        | M-190NRR   | RR                    | 1.9  | R           | T6                       | 23.4         | 9.9          | 1.0         | 88.3           | \$235.5        |
| Prairie Brand  | PB-2058NRR | RR                    | 2.0  | R           | T6                       | 23.4         | 9.7          | 1.0         | 74.3           | \$235.5        |
| Kruger         | K2-1901    | RR2Y                  | 1.9  | R           | AC                       | 22.8         | 7.3          | 1.0         | 80.2           | \$230.6        |
| Mustang        | M-20221    | RR2Y,ST5              | 2.0  | R           | AC                       | 22.8         | 7.7          | 1.0         | 74.3           | \$230.4        |
| Gold Country   | 1640       | RR2Y                  | 1.6  | MR          | AC                       | 22.6         | 9.1          | 1.0         | 89.4           | \$227.8        |
| NK Brand       | S21-B1 GC  | RR                    | 2.1  | R           | None                     | 22.1         | 5.3          | 1.0         | 90.6           | \$224.4        |
| Pioneer        | 92Y30 GC   | RR                    | 2.3  | R           | None                     | 21.6         | 8.3          | 1.0         | 92.9           | \$218.0        |
| Prairie Brand  | PB-1920R2  | RR2Y                  | 1.9  | S           | AC                       | 20.6         | 13.0         | 1.0         | 65.1           | \$206.0        |
| Kruger         | K2-1602    | RR2Y                  | 1.6  | R           | AC                       | 20.3         | 10.9         | 1.0         | 68.5           | \$203.9        |
| Kruger         | K2-1501    | RR2Y                  | 1.5  | R           | AC                       | 20.0         | 9.8          | 1.0         | 70.9           | \$201.3        |
| Gold Country   | 2040       | RR2Y                  | 2.0  | R           | AC                       | 19.9         | 5.5          | 1.0         | 70.8           | \$202.0        |
| Wensman        | W3200NR2   | RR2Y                  | 2.0  | R           | AC                       | 19.2         | 11.0         | 1.0         | 70.9           | \$192.8        |
| Prairie Brand  | PB-2042R2  | RR2Y                  | 2.0  | R           | CM                       | 18.4         | 8.7          | 1.0         | 69.7           | \$185.6        |
| Gold Country   | 1644       | RR2Y                  | 1.6  | R           | AC                       | 17.9         | 6.8          | 1.0         | 65.1           | \$181.2        |
| Mustang        | M-21320    | RR2Y                  | 2.1  | R           | AC                       | 17.4         | 2.0          | 1.0         | 62.7           | \$177.8        |
| Channel        | 1901R2     | RR2Y                  | 1.9  | R           | AC                       | 17.3         | 6.3          | 1.0         | 74.4           | \$175.3        |
| Test Average = |            |                       |      |             |                          | <b>22.7</b>  | <b>9.4</b>   | <b>1.0</b>  | <b>76.5</b>    | <b>\$228.8</b> |
| LSD (0.10) =   |            |                       |      |             |                          | 7.0          | 4.2          | n.s.        |                |                |
| C.V. =         |            |                       |      |             |                          | 22.6         | 32.4         |             |                |                |

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This area was hit with some major rain events this growing season. After planting, this site was damaged by overly saturated soils for long periods. Any plants that survived got doused with big rains in July, further damaging plant vigor. A strange year, as farmers in the area are used to battling drought conditions. Data Rejected.

Lat: N44.3778, Long: W98.05233

**Yield & Income Factors:** Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$10.00

<sup>†</sup> Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, ST5 - Sulfonylurea Tol

<sup>††</sup> Seed Treatment: AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. 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](http://www.firstseedtests.com)

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Report Date: 10/13/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

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

### Seed Treatments

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

### Trademarks

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