

2012 BETTER VARIETIES Harvest Report for South Dakota East Central [SDEC]

Greg Bich, Beadle County, SD 57324 [CAVOUR]

ALL SEASON TEST

1.6 - 2.3 MAT. GROUP

PREV. CROP/HERB: Corn / Harness Xtra, Roundup PowerMax, Force
 SOIL DESCRIPTION: Houdek-Prosper loam, well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 3% OM, low SCN
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup PowerMax, Select Max
 SEEDED - RATE: May 22 150,000 /A
 HARVESTED - STAND: Oct 1 96,470 /A

S2SDEC07

30" ROW SPACING

 TOP 30 for **YIELD** of **58** TESTED
 AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Gold Country	2342	RR2Y	2.3	R	Ac	51.9	7.5	1	81.3	\$856
Stine	19RA02 §	RR2Y	1.9	R	CMB	51.3	7.6	1	95.9	\$847
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	50.5	7.4	3	118.4	\$833
Titan Pro	20M1	RR2Y	2.0	R	Am	49.1	7.4	1	79.9	\$810
Hefty	H20Y12	RR2Y	2.0	MR	I	48.9	7.4	1	103.1	\$807
Pioneer	92Y30 §	RR	2.3	R	None	48.7	7.5	1	110.4	\$804
NK Brand	S20-Y2 §	RR2Y	2.0	R	CMB	47.4	7.4	1	101.7	\$782
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	47.4	7.4	1	100.2	\$782
Hefty	H20R3	RR2Y	2.0	MR	I	47.2	7.3	1	107.5	\$779
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	47.0	7.4	1	84.2	\$776
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	47.0	7.7	1	91.5	\$776
Asgrow	AG1631 §	RR2Y	1.6	R	Ac,PV	46.9	7.3	1	88.6	\$774
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	46.3	7.3	5	113.3	\$764
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	46.3	7.4	1	92.9	\$764
Mustang	M-20823	RR2Y	2.0	R	Ac	46.2	7.3	3	104.6	\$762
Viking	1707R2N	RR2Y	1.7	R	Ac	45.8	7.4	1	91.5	\$756
Dairyland	DSR-2105R2Y	RR2Y	2.1	S	CMB	45.4	8.0	1	78.4	\$749
Pioneer	91Y81 §	RR	1.8	R	None	45.4	7.2	1	91.5	\$749
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	45.3	7.4	1	120.6	\$748
Hefty	H16Y11	RR2Y	1.6	MR	I	45.2	7.1	3	85.7	\$746
Gold Country	1741	RR2Y	1.7	R	Ac	45.2	7.2	1	97.3	\$746
Asgrow	AG2232 §	RR2Y	2.2	R	Ac,PV	44.9	7.6	3	104.6	\$741
Renk	RS183NR2	RR2Y	1.8	R	None	44.2	7.5	1	91.5	\$729
Mustang	M-21993	RR2Y	2.1	S	Ac	43.9	7.6	1	97.3	\$724
Stine	22RC62 §	RR2Y	2.2	R	CMB	43.7	7.6	1	88.6	\$721
Hefty	H21R3	RR2Y	2.1	S	I	42.9	7.4	1	101.7	\$708
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CMB	42.6	7.5	1	91.5	\$703
Stine	16RA02 §	RR2Y	1.6	R	None	42.5	7.4	1	94.4	\$701
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	42.2	7.2	1	90.0	\$696
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	42.0	7.2	1	87.1	\$693
Test Average =						42.2	7.4	1	96.5	\$697
LSD (0.10) =						8.1	0.2	2		
C.V. =						11.5	1.9			


 F.I.R.S.T. Manager

TEST COMMENTS: *There was some unevenness in the plot as the more elevated ground had shorter beans and lower yields. May rainfall was 1 inch above average and we got off to a good start. It was a hot dry summer and June and July precipitation was 2.5 inches below average. We had near normal rainfall in August which helped boost yields a bit.*

Lat: 44.40478, Long: -97.99452

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$16.50

† See last page for Product/Brand, Technology and Seed Treatment information.

 Results in **bold** are significantly above the test average. **GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

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

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Report Date: 10/2/2012 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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® 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®, VPMaxx® 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® - sulfonyleurea 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	Accelaron® 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	Gaucha®
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

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- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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