

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

John Feller, Miner County, SD 57349 [HOWARD]

ALL SEASON TEST
1.6 - 2.3 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup, Harness, Force S2SDEC06
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM, low SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 22 150,000 /A TOP 30 for YIELD of 58 TESTED
 HARVESTED - STAND: Sep 30 91,100 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	49.6	7.4	1	88.1	\$818
Titan Pro	23M9	RR2Y	2.3	S	CMB	48.7	7.3	2	98.7	\$804
Hefty	H21R3	RR2Y	2.1	S	I	47.4	7.4	2	101.6	\$782
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	46.1	7.3	1	102.6	\$761
Kruger	K2-1702	RR2Y	1.7	R	Ac,PV	45.8	7.2	1	101.6	\$756
NorthStar	NS 1828NR2	RR2Y	1.8	R	Ac	45.7	7.2	4	101.6	\$754
Mustang	M-20823	RR2Y	2.0	R	Ac	45.4	7.5	2	111.3	\$749
Wensman	W 3230R2	RR2Y	2.3	S	Ac	45.2	7.2	1	83.2	\$746
Dairyland	DSR-2190R2Y	RR2Y	2.1	S	CMB	45.1	7.6	4	93.9	\$744
Titan Pro	20M1	RR2Y	2.0	R	Am	44.9	7.0	1	84.2	\$741
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	44.3	7.2	1	92.9	\$731
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	44.0	7.4	3	99.7	\$726
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	43.9	7.2	4	83.2	\$724
Mustang	M-21993	RR2Y	2.1	S	Ac	43.6	7.4	3	87.1	\$719
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	43.3	7.1	5	89.0	\$715
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	43.0	7.2	2	93.9	\$710
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	42.8	7.5	1	87.1	\$706
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CMB	42.8	7.5	1	97.8	\$706
Mustang	M-19723	RR2Y	1.9	R	Ac	42.2	7.2	2	91.0	\$696
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	41.7	7.2	2	85.2	\$688
Kruger	K2-1902	RR2Y	1.9	R	Ac,PV	41.5	7.0	1	74.5	\$685
Gold Country	2142	RR2Y	2.1	R	Ac	41.4	7.0	4	98.7	\$683
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	41.3	7.2	2	86.2	\$682
Viking	1707R2N	RR2Y	1.7	R	Ac	41.2	7.1	4	96.8	\$680
Hefty	H20R3	RR2Y	2.0	MR	I	40.6	6.9	1	77.4	\$670
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	40.6	7.2	1	82.3	\$670
Gold Country	2342	RR2Y	2.3	R	Ac	40.5	7.4	2	80.3	\$668
Mustang	M-22823	RR2Y	2.2	R	Ac	40.3	7.4	1	84.2	\$665
Stine	16RA02 §	RR2Y	1.6	R	None	40.3	7.3	2	85.2	\$665
Dairyland	DSR-2105R2Y	RR2Y	2.1	S	CMB	39.7	7.7	1	86.1	\$655
Test Average =						39.7	7.3	2	91.1	\$654
LSD (0.10) =						7.3	0.4	3		
C.V. =						13.6	4.3			


 F.I.R.S.T. Manager

TEST COMMENTS: *While the summer was dry the soybean leaves never really curled up from lack of moisture this summer. The soybeans showed some drought stress at harvest as some variable plant heights could be seen. Even though the soybeans were very dry, they harvested okay and didn't pod shatter too badly.*
Lat: 44.10531, Long: -97.41002

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



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

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucha®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTiVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- 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
- Accelaron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.