

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

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ALL SEASON TEST
2.1 - 2.8 MAT. GROUP

PREV. CROP/HERB: Corn / Balance Flexx, Roundup S2SDSE03
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.7 pH, 4.1% OM, high SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 21 150,000 /A
 HARVESTED - STAND: Oct 4 93,499 /A

TOP 30 for **YIELD** of **61** 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
Kruger	K2-2803	RR2Y	2.8	R	Ac,PV	26.8	8.2	1	106.0	\$443
NK Brand	S24-K2 §	RR2Y	2.4	S	CMB	25.2	7.7	1	97.3	\$415
Titan Pro	27M32	RR2Y	2.7	R	CMB	23.9	7.8	1	90.0	\$395
Titan Pro	23M9	RR2Y	2.3	S	CMB	21.7	7.7	1	100.2	\$358
Wensman	W 3284NR2	RR2Y	2.8	R	Ac	21.2	8.1	1	106.0	\$349
Prairie Brand	PB-2351R2	RR2Y	2.3	S	CMB	21.1	7.9	1	103.1	\$349
Dyna-Gro	39RY25	RR2Y	2.5	S	Ac	21.1	7.6	1	95.8	\$348
Prairie Brand	PB-2544R2	RR2Y	2.5	MR	CMB	21.0	7.9	1	95.8	\$347
Hefty	H26R3	RR2Y	2.6	MR	I	20.5	7.9	1	98.7	\$338
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	20.2	8.0	1	94.4	\$333
Wensman	W 3256NR2	RR2Y	2.5	MR	Ac	19.7	7.9	1	98.7	\$325
Kruger	K2-2704	RR2Y	2.7	R	Ac,PV	19.7	7.6	1	91.5	\$325
Prairie Brand	PB-2419R2	RR2Y	2.3	S	CMB	19.6	8.1	1	97.3	\$323
Prairie Brand	PB-2650R2	RR2Y,STS	2.6	S	CMB	19.4	8.4	1	97.3	\$321
NK Brand	S28-K1 §	RR	2.8	S	CMB	19.2	8.1	1	87.1	\$317
Dyna-Gro	S27RY03	RR2Y	2.7	R	Ac	19.2	7.9	1	85.7	\$316
Stine	23RA22 §	RR2Y	2.3	R	CMB	19.1	6.9	1	81.3	\$316
Mustang	M-26623	RR2Y	2.6	R	Ac	19.0	8.3	1	87.1	\$314
Hefty	H25Y12	RR2Y	2.5	MR	I	18.9	8.2	1	108.9	\$312
Dairyland	DSR-2799R2Y	RR2Y	2.8	MR	CMB	18.9	8.3	1	87.1	\$312
Hefty	H28Y12	RR2Y	2.8	MR	I	18.8	8.7	1	116.2	\$311
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	18.8	8.3	1	87.1	\$311
Dairyland	DSR-2411R2Y	RR2Y	2.4	S	CMB	18.8	7.6	1	87.1	\$309
Dairyland	DSR-2880R2Y	RR2Y	2.8	MR	CMB	18.7	8.1	1	81.3	\$308
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	18.5	8.3	1	95.8	\$306
Wensman	W 3230R2	RR2Y	2.3	S	Ac	18.4	7.9	1	87.1	\$304
Dairyland	DSR-2677R2Y	RR2Y	2.7	R	CMB	18.1	7.7	1	79.9	\$298
Stine	24RB00 §	RR2Y	2.4	MR	CMB	18.1	7.9	1	108.9	\$298
Stine	22RC62 §	RR2Y	2.2	R	CMB	18.0	7.8	1	90.0	\$297
Hefty	H23Y10	RR2Y	2.3	S	I	17.9	8.1	1	88.6	\$296
Test Average =						17.2	7.7	1	93.5	\$284
LSD (0.10) =						4.5	0.7	ns		
C.V. =						15.8	5.1			


 F.I.R.S.T. Manager

TEST COMMENTS: *At harvest bean height was around 18 inches. We had some weeds and grass show up in the plots as beans failed to canopy this year due to the drought. This plot had a lot of pods that had popped open prior to harvest. Pod shatter was closely correlated to variety. Beans in this area have been yielding around 20 bushels per acre.*

Lat: 42.96834, Long: -96.8158

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: 10/6/2012 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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- 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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