

2012 BETTER VARIETIES Harvest Report for South Dakota Northeast [SDNE]

Fred Zenk, Day County, SD 57274 [WEBSTER]

ALL SEASON TEST

1.0 - 1.7 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup (2x), Outlook, Force S2SDNE10

SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, non-irrigated

SOIL CONDITIONS: High P, high K, 7.5 pH, 5.5% OM, low SCN

30" ROW SPACING

TILLAGE/CULTIVATION: no-till

PEST MANAGEMENT: Roundup PowerMax

SEEDED - RATE: May 22 150,000 /A

TOP 30 for YIELD of 54 TESTED

HARVESTED - STAND: Oct 2 92,806 /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
Titan Pro	18M10	RR2Y	1.8	R	CMB	47.0	8.9	1	96.8	\$776
Pioneer	91Y01 §	RR	1.0	S	T6	43.5	8.4	1	77.4	\$718
Viking	1100R2	RR2Y	1.1	S	None	42.5	8.8	1	97.8	\$701
Gold Country	1741	RR2Y	1.7	R	Ac	42.0	8.5	1	95.8	\$692
Stine	11RC08 §	RR2Y	1.1	S	None	41.4	8.3	1	89.7	\$683
Titan Pro	15M22	RR2Y	1.5	R	CMB	40.4	8.5	1	99.7	\$666
Hefty	H17Y12	RR2Y	1.7	MR	I	40.3	8.3	1	94.9	\$665
Stine	16RA02 §	RR2Y	1.6	R	None	40.2	8.7	1	94.4	\$663
Asgrow	AG1132 §	RR2Y	1.1	S	Ac,PV	40.1	8.7	1	91.0	\$661
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	39.8	8.9	1	92.9	\$657
Hefty	H13Y11	RR2Y	1.3	S	I	39.6	8.6	1	90.0	\$653
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	39.2	9.0	1	97.8	\$648
Dyna-Gro	39RY14	RR2Y	1.4	R	Ac	38.3	8.7	1	96.8	\$631
Hefty	H10R3	RR2Y	1.0	S	I	38.2	8.3	1	94.9	\$630
Kruger	K2-1501	RR2Y	1.5	R	Ac,PV	37.8	8.4	1	92.9	\$623
Gold Country	1541	RR2Y	1.5	R	Ac	37.5	8.3	1	85.2	\$618
Mustang	M-15523	RR2Y	1.5	R	Ac	37.4	8.9	1	96.8	\$617
NK Brand	S15-L5 §	RR	1.5	R	CMB	36.8	8.7	1	95.8	\$608
Wensman	W 3146R2	RR2Y	1.4	S	Ac	36.6	8.6	1	95.8	\$604
Kruger	K2-1702	RR2Y	1.7	R	Ac,PV	36.2	8.8	1	96.8	\$597
Kruger	K2-1001	RR2Y	1.0	S	Ac,PV	36.0	8.6	1	93.9	\$595
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	35.8	9.0	1	88.1	\$591
Kruger	K2-1102	RR2Y	1.1	S	Ac,PV	35.9	8.5	1	91.0	\$592
Prairie Brand	PB-1061R2	RR2Y	1.0	S	CMB	35.6	8.5	1	102.6	\$587
Stine	13RA02 §	RR2Y	1.1	S	None	35.4	8.9	1	85.2	\$585
Asgrow	AG1431 §	RR2Y	1.4	R	Ac,PV	35.2	9.0	1	92.0	\$580
NorthStar	NS 1257R2	RR2Y	1.2	R	Ac	34.8	8.9	1	86.2	\$574
Dairyland	DSR-17110R2Y	RR2Y	1.7	R	CMB	34.6	8.9	1	99.7	\$571
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	34.1	8.7	1	93.9	\$563
Wensman	W 3120R2	RR2Y	1.2	S	Ac	34.2	8.6	1	94.9	\$564
Test Average =						35.2	8.6	1	92.8	\$581
LSD (0.10) =						8.8	0.7	ns		
C.V. =						18.4	6.0			


 F.I.R.S.T. Manager

TEST COMMENTS: We had some weed pressure before and after planting. After spraying for weeds, field growing conditions improved but the weather turned hot and dry in July and August to create more stress. The beans did not canopy well and weeds broke through in late summer. The growing conditions led to variable bean heights of 18-36" throughout the plot. Lat: 45.36588, Long: -97.41527

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: 10/5/2012 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	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	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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