F.I.R.S.T.®
Farmer's Independent Research of Seed Technologies

2012 BETTER VARIETIES Harvest Report for South Dakota Northeast [SDNE]
Greg Lanners, Deuel County, SD 57226   [CLEAR LAKE]

ALL SEASON TEST
1.0 - 1.7 MAT. GROUP

PREV. CROP/HERB:	Corn / Roundup
SOIL DESCRIPTION:	Vienna-Brookings silty clay loam, well drained, non-irrigated
SOIL CONDITIONS:	Moderate P, moderate K, 6.6 pH, 4.1% OM, medium SCN
TILLAGE/CULTIVATION:	conventional w/ fall till
PEST MANAGEMENT:	Roundup 2x
SEEDED - RATE:	May 22 150,000 /A
HARVESTED - STAND:	Oct 5 91,300 /A

S2SDNE09

30" ROW SPACING

TOP **30** for **YIELD** of 54 TESTED
AVERAGE of (**3**) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Wensman	W 3140R2	RR2Y	1.4	S	Ac	**56.4**	7.2	1	80.3	$931
Wensman	W 3108R2	RR2Y	1.0	S	Ac	**49.9**	7.2	1	100.7	$823
Hefty	H13Y11	RR2Y	1.3	S	I	**49.8**	6.9	1	82.3	$822
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	**49.7**	6.9	1	85.2	$820
NorthStar	NS 1257R2	RR2Y	1.2	R	Ac	**48.9**	7.0	1	89.0	$807
Prairie Brand	PB-1591R2	RR2Y	1.5	S	None	**48.9**	7.0	1	95.8	$807
Hefty	H14R3	RR2Y	1.4	MR	I	**47.6**	7.4	1	88.1	$785
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	**47.4**	6.9	1	105.5	$782
Gold Country	1741	RR2Y	1.7	R	Ac	45.8	7.1	1	95.8	$756
Kruger	K2-1301	RR2Y	1.3	R	Ac,PV	44.7	6.8	1	99.7	$738
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	44.5	6.8	1	99.7	$734
Hefty	H16Y11	RR2Y	1.6	MR	I	44.3	7.0	1	91.9	$731
Hefty	H17Y12	RR2Y	1.7	MR	I	44.2	7.0	1	86.1	$729
Hefty	H15Y12	RR2Y	1.5	S	I	44.0	7.0	1	77.4	$726
Prairie Brand	PB-1061R2	RR2Y	1.0	S	CMB	43.8	7.1	1	79.4	$723
Asgrow	AG1132 §	RR2Y	1.1	S	Ac,PV	43.4	6.9	1	91.9	$716
NK Brand	S10-G7 §	RR2Y	1.0	S	CMB	42.7	6.9	1	70.7	$705
Asgrow	AG1031 §	RR2Y	1.0	S	Ac,PV	42.4	6.8	1	113.3	$700
Mustang	M-14323	RR2Y	1.4	R	Ac	42.2	6.7	1	89.0	$696
Gold Country	1040	RR2Y	1.0	S	Ac	42.0	7.0	1	87.1	$693
Titan Pro	15M22	RR2Y	1.5	R	CMB	41.9	7.0	1	101.6	$691
Kruger	K2-1702	RR2Y	1.7	R	Ac,PV	41.8	7.0	1	100.7	$690
Wensman	W 3120R2	RR2Y	1.2	S	Ac	41.7	6.9	1	75.5	$688
Viking	1100R2	RR2Y	1.1	S	None	41.6	6.7	1	82.3	$686
Kruger	K2-1102	RR2Y	1.1	S	Ac,PV	41.5	7.4	1	111.3	$685
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	41.1	7.1	1	86.1	$678
Hefty	H10R3	RR2Y	1.0	S	I	40.9	6.8	1	88.1	$675
Titan Pro	18M10	RR2Y	1.8	R	CMB	40.9	7.0	1	105.5	$675
Wensman	W 3142NR2	RR2Y	1.3	R	Ac	40.4	7.0	1	85.2	$667
Wensman	W 3174NR2	RR2Y	1.7	R	Ac	40.2	7.1	1	79.4	$663
					Test Average =	**41.3**	**7.0**	1	**91.3**	**$681**
					LSD (0.10) =	5.7	0.2	ns		
					C.V. =	10.2	2.3			

F.I.R.S.T. Manager

TEST COMMENTS: *The beans where nearly 3 feet tall, clean and stood very straight at harvest. The pods where very dry, some pods popped open at the head when combined. While some yield potential was lost in July as the hot and dry weather slowed growth, getting normal rainfall in August helped boost yields.*

Lat: 44.77641, Long: -96.84343

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

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® - sulfonylurea 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	Gaucho®
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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