

2012 BETTER VARIETIES Harvest Report for Iowa North [IANO]
Merlin Eischeid, Kossuth County, IA 50511 [ALGONA]

ALL SEASON TEST
1.8 - 2.5 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup
SOIL DESCRIPTION: Clarion clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.8 pH, 3% OM
TILLAGE/CULTIVATION: conventional w/ fall till
PEST MANAGEMENT: Roundup, Select Max
SEEDING - RATE: May 12 155,000 /A
HARVESTED - STAND: Sep 25 140,200 /A

S2IANO20
15" ROW SPACING
TOP 30 for YIELD of 81 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
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	51.3	7.7	3	120.0	\$831
Renk	RS241R2	RR2Y	2.4	S	None	50.8	6.7	0	131.7	\$823
Titan Pro	23M9	RR2Y	2.3	S	CMB	48.9	7.7	0	147.1	\$792
Hefty	H25Y12	RR2Y	2.5	MR	I	48.9	7.0	3	154.9	\$792
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	48.8	7.7	0	166.5	\$791
Channel	2402R2	RR2Y	2.4	S	Ac,PV	48.7	7.0	0	127.8	\$789
FS Hisoy	HS 22A21	RR2Y	2.2	S	CMB	48.2	6.9	0	158.8	\$781
Hefty	H21R3	RR2Y	2.1	S	I	47.6	6.8	0	139.4	\$771
Viking	2300R2	RR2Y	2.3	S	Ac	47.6	7.6	1	127.8	\$771
Titan Pro	24M21	RR2Y	2.4	R	CMB	47.5	6.8	0	197.5	\$770
Dairyland	DSR-2411R2Y	RR2Y	2.4	S	CMB	47.4	6.8	0	123.9	\$768
Stine	19RA02 §	RR2Y	1.9	R	CMB	46.6	6.5	0	96.8	\$755
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	46.5	7.0	0	127.8	\$753
Hefty	H23Y10	RR2Y	2.3	S	I	46.4	6.8	0	127.8	\$752
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	45.5	6.7	0	116.2	\$737
Trelay	24RR19	RR2Y	2.4	S	Ac,Ex	45.1	6.7	0	108.4	\$731
Hefty	H22Y12	RR2Y	2.2	MR	I	44.8	6.7	1	139.4	\$726
Steyer	2202R2	RR2Y	2.2	MR	SStd	44.4	6.7	0	108.4	\$719
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	44.3	6.8	0	154.9	\$718
Pfister	24R29	RR2Y	2.4	R	CMB	43.9	7.3	0	178.1	\$711
Prairie Brand	PB-2351R2	RR2Y	2.3	S	CMB	43.7	6.8	3	182.0	\$708
Renk	RS263NR2	RR2Y	2.6	R	None	43.6	6.8	0	162.6	\$706
Federal	F212NRR2Y	RR2Y	2.1	R	Ac	43.5	6.5	0	120.1	\$705
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB	43.5	6.5	0	116.1	\$705
FS Hisoy	HS 20A22	RR2Y	2.0	R	CMB	43.4	6.5	0	147.1	\$703
Stine	20RC32 §	RR2Y	2.0	R	CMB	43.3	6.8	0	120.0	\$702
Steyer	2502R2	RR2Y	2.5	MR	SStd	43.2	7.2	0	158.8	\$700
Hefty	H2533	RR2Y	2.5	MR	I	43.1	7.3	0	139.4	\$698
Trelay	23RR53	RR2Y	2.3	MR	Ac,Ex	43.1	7.4	0	108.4	\$698
Trelay	25RR91	RR2Y	2.5	R	Ac,Ex	42.3	6.9	3	131.6	\$685
Test Average =						41.2	6.8	0	140.2	\$668
LSD (0.10) =						4.5	0.7	2		
C.V. =						8.1	7.2			

Corey Rozenboom
F.I.R.S.T. Manager

TEST COMMENTS: *Nodulation and plant health was excellent during early vegetative stages right into the start of flowering. The effects of drought grew more severe as the season progressed causing flowers to abort and reduced pods/node. Continued stress resulted in shorter plants and small seed sizes. A July 25 hail storm took an estimated 32% of the crop.*

Lat: 43.08138, Long: -94.29099

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$16.20

† 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: 9/26/2012 Revised: 9/28/2012 Maturities revised to show tenths



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. VPMMaxx® 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®, VPMMaxx® 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	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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- 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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