

2012 BETTER VARIETIES Harvest Report for Iowa North [IANO]

Mark Bruening, Chickasaw County, IA 50659 [NEW HAMPTON]

ALL SEASON TEST
1.8 - 2.5 MAT. GROUP

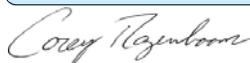
 PREV. CROP/HERB: Corn / Halex GT, Lumax
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.5% OM
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Valor XLT, 2,4-D, Roundup, Headline
 SEEDING - RATE: May 14 155,000 /A
 HARVESTED - STAND: Sep 26 138,000 /A

S2IANO22

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
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB	59.5	8.7	0	139.4	\$964
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	58.9	8.4	0	123.9	\$954
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	58.9	8.6	0	154.9	\$954
LG Seeds	C2333R2	RR2Y	2.3	R	Ac	57.7	8.5	0	116.1	\$935
FS Hisoy	HS 24A12	RR2Y	2.4	R	CMB	57.4	8.1	0	135.5	\$930
Titan Pro	23M9	RR2Y	2.3	S	CMB	57.4	8.9	0	135.5	\$930
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB	56.9	8.3	0	143.3	\$922
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	56.4	7.9	0	154.9	\$914
Prairie Brand	PB-2468R2	RR2Y	2.4	R	CMB	56.1	8.4	0	143.3	\$909
Hefty	H2533	RR2Y	2.5	MR	I	56.1	8.8	0	135.5	\$909
Channel	2505R2	RR2Y	2.5	R	Ac,PV	56.0	8.0	0	158.8	\$907
Trelay	24RR19	RR2Y	2.4	S	Ac,Ex	56.0	8.3	0	162.6	\$907
Pioneer	92Y30 §	RR	2.3	R	None	55.8	7.9	0	120.0	\$904
Trelay	25RR91	RR2Y	2.5	R	Ac,Ex	55.8	8.7	0	139.4	\$904
Kruger	K2-2503	RR2Y	2.5	R	Ac,PV	55.7	8.6	0	143.3	\$902
Titan Pro	25M22	RR2Y	2.5	R	CMB	55.6	8.1	0	162.6	\$901
Pfister	24R29	RR2Y	2.4	R	CMB	55.2	8.0	0	116.2	\$894
FS Hisoy	HS 22A21	RR2Y	2.2	S	CMB	54.8	7.6	0	162.6	\$888
Steyer	1901R2	RR2Y	1.9	MR	SStd	54.7	7.6	0	166.5	\$886
Hefty	H23Y10	RR2Y	2.3	S	I	54.4	8.3	0	166.5	\$881
Renk	RS241R2	RR2Y	2.4	S	None	54.1	7.9	0	131.6	\$876
Kruger	K2-2401	RR2Y	2.4	R	Ac,PV	53.9	8.1	0	112.3	\$873
Titan Pro	24M21	RR2Y	2.4	R	CMB	53.4	8.1	0	112.3	\$865
Dyna-Gro	S24RY73	RR2Y	2.4	R	Ac	53.3	8.0	0	131.7	\$864
Asgrow	AG2232 §	RR2Y	2.2	R	Ac,PV	52.8	8.0	0	139.4	\$855
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	52.8	8.4	0	92.9	\$855
Dairyland	DSR-2190R2Y	RR2Y	2.1	S	CMB	52.7	8.3	0	127.8	\$854
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	52.6	7.9	0	112.3	\$852
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	52.6	7.9	0	127.8	\$852
Prairie Brand	PB-2143R2	RR2Y	2.1	R	CMB	52.6	7.9	0	127.8	\$852
Test Average =						51.5	8.0	0	138.0	\$834
LSD (0.10) =						5.5	0.3	ns		
C.V. =						7.9	2.7			



F.I.R.S.T. Manager

TEST COMMENTS: *The area drought conditions stunted vegetative growth and reduced flowering through July resulting in short plants with pods set very close to the soil. Plant heights ranged from 22" to 44". No foliar disease or insect pressure noted all season at this no-till site. Four rains provided 3.5" in August that filled pods of top performing varieties with large seeds.*

Lat: 43.086, Long: -92.29005

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

AgSCI Copyright 2012

Report Date: 9/28/2012 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

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
- Acceleron®, 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.