

2012 BETTER VARIETIES Harvest Report for Iowa North [IANO]

Dale Hemann, Mitchell County, IA 50461 [OSAGE]

ALL SEASON TEST

1.8 - 2.5 MAT. GROUP

PREV. CROP/HERB: Corn / Lexar, Roundup, Callisto

S2IANO21

SOIL DESCRIPTION: Dinsdale silty clay loam, well drained, non-irrigated

SOIL CONDITIONS: High P, moderate K, 7 pH, 4.5% OM

15" ROW SPACING

TILLAGE/CULTIVATION: no-till

PEST MANAGEMENT: Optil, Roundup

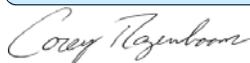
SEEDED - RATE: May 14 155,000 /A

TOP 30 for YIELD of 81 TESTED

HARVESTED - STAND: Sep 26 124,500 /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	24M21	RR2Y	2.4	R	CMB	56.3	9.2	0	143.3	\$912
Steyer	2502R2	RR2Y	2.5	MR	SStd	55.0	10.0	0	131.7	\$891
Hefty	H25Y12	RR2Y	2.5	MR	I	54.8	8.6	0	139.4	\$888
Titan Pro	23M9	RR2Y	2.3	S	CMB	54.2	10.3	0	143.3	\$878
Trelay	24RR19	RR2Y	2.4	S	Ac,Ex	53.9	8.5	0	120.0	\$873
Kruger	K2-2503	RR2Y	2.5	R	Ac,PV	53.4	9.3	0	89.0	\$865
Channel	2402R2	RR2Y	2.4	S	Ac,PV	53.0	9.7	0	127.8	\$859
Channel	2505R2	RR2Y	2.5	R	Ac,PV	52.9	8.8	0	112.3	\$857
Steyer	2202R2	RR2Y	2.2	MR	SStd	51.9	9.4	0	108.4	\$841
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB	51.8	8.8	0	112.3	\$839
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	51.8	9.2	0	131.6	\$839
Prairie Brand	PB-2468R2	RR2Y	2.4	R	CMB	51.7	8.8	0	151.0	\$838
Steyer	1901R2	RR2Y	1.9	MR	SStd	51.7	9.4	0	135.5	\$838
Trelay	23RR53	RR2Y	2.3	MR	Ac,Ex	51.7	9.5	0	104.5	\$838
Titan Pro	25M22	RR2Y	2.5	R	CMB	51.5	8.5	0	131.7	\$834
Dairyland	DSR-2411R2Y	RR2Y	2.4	S	CMB	51.3	8.8	0	100.6	\$831
Viking	2300R2	RR2Y	2.3	S	Ac	51.2	8.5	0	104.5	\$829
Renk	RS263NR2	RR2Y	2.6	R	None	51.2	8.9	0	123.9	\$829
FS Hisoy	HS 24A12	RR2Y	2.4	R	CMB	50.8	8.7	0	123.9	\$823
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	50.8	8.8	0	120.0	\$823
Trelay	25RR91	RR2Y	2.5	R	Ac,Ex	50.7	8.4	0	96.8	\$821
Dyna-Gro	36RY19	RR2Y	1.9	R	Ac	50.7	8.8	0	116.2	\$821
Dyna-Gro	S24RY73	RR2Y	2.4	R	Ac	50.7	9.6	0	139.4	\$821
FS Hisoy	HS 22A21	RR2Y	2.2	S	CMB	50.3	9.4	0	116.2	\$815
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	50.3	10.6	0	112.3	\$815
Hefty	H2533	RR2Y	2.5	MR	I	49.8	9.7	0	127.8	\$807
Stine	22RC62 §	RR2Y	2.2	R	CMB	49.6	9.5	0	100.7	\$804
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	49.5	8.0	0	127.8	\$802
Pioneer	92Y30 §	RR	2.3	R	None	49.4	8.6	0	139.4	\$800
Channel	2305R2	RR2Y	2.3	R	Ac,PV	49.2	9.3	0	120.0	\$797
Test Average =						48.2	9.0	0	124.5	\$781
LSD (0.10) =						4.3	1.1	ns		
C.V. =						6.6	9.2			



F.I.R.S.T. Manager

TEST COMMENTS: *With marginal rainfall from planting through August, plants were forced to stretch their root systems to the max. Pod set was reduced from the excessive heat that aborted flowers through early reproductive stages. However, 1.2" of rain on Aug. 4 saved the day and allowed larger seed sizes. Relative plant heights were short with many pods close to the soil.*

Lat: 43.31988, Long: -92.78261

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: 9/28/2012 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	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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