

2011 BETTER VARIETIES Harvest Report for Iowa North Central [IANC]
 Mike Krishel, Pocahontas County, IA 50546 [HAVELOCK]

S1IANC24

PREV. CROP/HERB: Corn / Harness Xtra, Callisto
 SOIL DESCRIPTION: Nicollet-Clarion silt loam, moderately drained, non-irrigated 2.1 - 2.8 MAT. GROUP
 SOIL CONDITIONS: mod. high P, mod. high K, 6.6 pH, 3.5% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Durango
 SEEDED - RATE: May 18 170,000 /A TOP 30 for YIELD of 72 TESTED
 HARVESTED - STAND: Oct 7 134,800 /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
FS Hisoy	HS 22A12	RR2Y	2.2	R	CM	63.1	7.0	1.0	136.1	\$706.7
Dyna-Gro	31RY25	RR2Y	2.5	MR	AC	61.5	7.9	1.0	157.4	\$688.8
G2 Genetics	7250^*	RR	2.5	R	T6	61.3	7.8	1.0	168.9	\$686.6
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CM	59.8	7.1	1.0	123.0	\$669.8
Hefty	H22Y12	RR2Y	2.2	MR	I	59.3	7.3	1.0	139.4	\$664.2
Hefty	H23Y11	RR2Y	2.3	MR	I	59.3	7.4	1.0	155.8	\$664.2
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	58.8	7.4	1.0	136.1	\$658.6
Gold Country	2341	RR2Y	2.3	S	AC	58.0	7.4	1.0	182.0	\$649.6
Asgrow	AG2232 GC	RR2Y	2.2	R	AC	57.9	7.4	1.0	114.8	\$648.5
Dairyland	DSR-2560RR	RR	2.5	S	CM	57.8	7.6	1.0	116.4	\$647.4
Kruger	K2-2703	RR2Y	2.7	R	AC	57.6	8.4	1.0	100.0	\$645.1
G2 Genetics	7272^*	RR	2.7	R	T6	57.5	7.8	1.0	113.2	\$644.0
Latham	L2560R GC	RR	2.5	S	AC	57.4	7.6	1.0	157.4	\$642.9
FS Hisoy	HS 24A01	RR2Y	2.4	S	CM	57.1	7.4	1.0	119.7	\$639.5
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	57.0	7.3	1.0	131.2	\$638.4
G2 Genetics	7270^*	RR	2.7	R	T6	56.9	8.3	1.0	113.1	\$637.3
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	56.8	7.2	1.0	109.9	\$636.2
Steyer	2450RR	RR	2.4	MR	AC	56.6	7.6	1.0	139.4	\$633.9
G2 Genetics	7262^*	RR	2.6	R	T6	56.6	7.9	1.0	113.2	\$633.9
Viking	2300R2	RR2Y	2.3	S	AC	56.5	7.4	1.0	154.1	\$632.8
Steyer	2502R2	RR2Y	2.5	MR	AC	56.4	7.8	1.0	114.8	\$631.7
NK Brand	S21-B1 GC	RR	2.1	R	CM	56.3	7.6	1.0	124.6	\$630.6
FS Hisoy	HS 19A02	RR2Y	1.9	R	CM	55.9	7.1	1.0	124.6	\$626.1
Hefty	H27Y11	RR2Y	2.7	MR	I	55.9	7.8	1.0	109.9	\$626.1
Asgrow	AG2632 GC	RR2Y	2.6	R	AC	55.6	8.8	1.0	121.4	\$622.7
Dyna-Gro	39RY25	RR2Y	2.5	S	AC	55.5	7.4	1.0	119.7	\$621.6
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	55.5	7.5	1.0	95.1	\$621.6
NuTech	6281*	RR	2.8	S	T6	55.3	8.3	1.0	126.3	\$619.4
Kruger	K2-2301	RR2Y	2.3	S	AC	55.2	7.4	1.0	124.6	\$618.2
Titan Pro	24M21	RR2Y	2.4	R	AC	55.2	7.9	1.0	105.0	\$618.2
Test Average =						54.4	7.8	1.0	134.8	\$609.8
LSD (0.10) =						4.4	0.3	ns		
C.V. =						5.9	2.6			


 F.I.R.S.T. Manager

TEST COMMENTS: *Root health was the key to top performing varieties at this site. Persistent rains early in the season kept this field saturated from planting into the first weeks of July. Water stress leading into flowering resulted in stunted plants, significant bacterial blight, and fewer pods low in the canopy. In spite of a Sept 15 freeze, earlier varieties finished well.*

Lat: N42.82069, Long: W-94.70449

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.20

[†] Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

^{††} Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

 Results in **bold** are significantly above the test average. GC = grower comparison product, * brands without a seed lot number; ns = not significantly different

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/9/2011 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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