

2011 BETTER VARIETIES Harvest Report for Iowa North [IANO]
 Merlin Eischeid, Kossuth County, IA 50511 [ALGONA]

S1IANO20

PREV. CROP/HERB: Corn / Roundup Weathermax, Harness Xtra
 SOIL DESCRIPTION: Clarion clay loam, mod. well drained, non-irrigated 1.8 - 2.5 MAT. GROUP
 SOIL CONDITIONS: high P, high K, 6.8 pH, 3% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup Weathermax
 SEEDED - RATE: May 17 170,000 /A TOP 30 for YIELD of 72 TESTED
 HARVESTED - STAND: Oct 3 142,300 /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	
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	65.1	8.0	3.0	146.0	\$729.1	
Channel	2402R2	RR2Y	2.4	S	AC	64.0	8.8	7.3	121.4	\$716.8	
Kruger	K2-2301	RR2Y	2.3	S	AC	63.6	9.1	9.0	132.8	\$712.3	
Trelay	24RR19	RR2Y	2.4	S	AC	63.5	8.7	7.3	114.8	\$711.2	
Gold Country	2341	RR2Y	2.3	S	AC	63.1	9.0	11.3	157.4	\$706.7	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	CM	62.7	7.4	3.0	141.0	\$702.2	
Dyna-Gro	36RY19	RR2Y	1.9	R	AC	62.4	7.6	5.7	104.9	\$698.9	
Channel	2305R2	RR2Y	2.3	R	AC	61.9	8.2	3.0	157.4	\$693.3	
Viking	2044R2N	RR2Y	2.0	R	AC	61.7	7.8	1.0	152.5	\$691.0	
Asgrow	AG2632 GC	RR2Y	2.6	R	AC	61.5	12.2	2.0	118.1	\$688.8	
Gold Country	1741	RR2Y	1.7	R	AC	61.5	7.4	4.0	126.3	\$688.8	
Kruger	K2-1902	RR2Y	1.9	R	AC,V	61.4	7.6	2.0	114.8	\$687.7	
Latham	L2182R2 GC	RR2Y	2.1	R	AC	61.3	8.1	4.0	129.5	\$686.6	
Titan Pro	20M1	RR2Y	2.0	R	CM	61.3	7.6	4.7	142.7	\$686.6	
Pfister	24R28	RR2Y	2.4	S	CM	61.3	9.3	5.7	170.5	\$686.6	
Titan Pro	24M21	RR2Y	2.4	R	AC	61.2	9.6	7.3	136.1	\$685.4	
Kruger	K2-1901	RR2Y	1.9	R	AC	61.1	7.3	4.0	132.8	\$684.3	
Hefty	H23Y10	RR2Y	2.2	S	I	60.8	8.8	6.3	101.7	\$681.0	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	60.5	7.8	1.0	129.6	\$677.6	
FS Hisoy	HS 18A12	RR2Y	1.8	R	CM	60.5	7.6	5.7	149.2	\$677.6	
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	60.4	8.7	3.0	131.2	\$676.5	
G2 Genetics	7229^*	RR	2.2	R	T6	60.1	8.8	2.0	160.7	\$673.1	
FS Hisoy	HS 21A02	RR2Y	2.1	R	CM	60.0	7.4	3.0	121.3	\$672.0	
Gold Country	2040	RR2Y	2.0	R	AC	59.8	7.5	2.0	149.2	\$669.8	
FS Hisoy	HS 19A02	RR2Y	1.9	R	CM	59.7	7.5	5.7	152.5	\$668.6	
FS Hisoy	HS 24A01	RR2Y	2.4	S	CM	59.6	9.6	6.3	127.9	\$667.5	
Hefty	H21Y11	RR2Y	2.0	MR	I	59.4	8.3	3.7	131.2	\$665.3	
Kruger	K2-1902	RR2Y	1.9	R	AC	59.0	7.5	2.0	123.0	\$660.8	
Prairie Brand	PP-220	RR2Y	2.2	R	CM	58.9	8.6	4.0	121.4	\$659.7	
Viking	2000R2N	RR2Y	2.0	R	AC	58.9	7.7	5.7	157.4	\$659.7	
						Test Average =	58.3	8.6	4.3	142.3	\$652.7
						LSD (0.10) =	5.2	0.8	3.7		
						C.V. =	6.6	6.9			


 F.I.R.S.T. Manager

TEST COMMENTS: Wet weather early in the season followed by hot and very dry conditions during flowering and pod development took its toll on varieties at this site due to shallow root systems. Heavy wind mid-August caused significant lodging but most varieties were able to rebound well. A Sept 15 freeze also nipped some later maturing varieties during seed fill

Lat: N43.08247, Long: W-94.28898

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



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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