

**2010 BETTER VARIETIES Harvest Report for Iowa South Central [ IASC ]**

S0IASC35

Eric &amp; Don Franzenburg, Benton County, IA 52346 [ KEYSTONE ]

PREV. CROP/HERB: Corn / Harness Xtra  
 SOIL DESCRIPTION: Dinsdale silty clay loam, non-irrigated, mod. well drained 2.4 - 3.1 MAT. GROUP  
 SOIL CONDITIONS: mod. high P, mod. high K, 6.5 pH, 6.3% OM 15" ROW SPACING  
 TILLAGE/CULTIVATION: conventional-till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE: May 20 170,000 /A TOP 30 for YIELD of 36 TESTED  
 HARVESTED - STAND: Oct 10 141,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Channel	2800R2	RR2Y	2.8	R	AC	61.4	12.8	7.3	133.6	\$651.4
SOI	2534RR	RR	2.5	S	None	57.9	12.9	4.7	133.6	\$614.0
Prairie Brand	PB-2632R2	RR2Y	2.6	R	CM	57.3	13.6	19.7	145.2	\$605.8
NuTech	G2 7260^	RR	2.6	R	CM	56.6	12.1	3.7	135.5	\$602.3
Kruger	K2-2803	RR2Y	2.8	R	AC	56.1	12.8	5.7	131.7	\$595.2
Dyna-Gro	38RY28	RR2Y	2.8	R	AC	55.8	12.6	8.0	154.9	\$592.5
SOI	2769NRR	RR	2.7	R	None	55.5	12.3	11.3	156.8	\$590.0
FS Seeds	HS28A02	RR2Y	2.8	R	AC	55.0	12.7	4.7	133.6	\$583.7
FS Seeds	HS25A02	RR2Y	2.5	R	AC	54.4	12.5	2.0	135.5	\$577.9
Kruger	K2-3002	RR2Y	3.0	R	AC	53.3	12.0	33.0	141.3	\$567.4
FS Seeds	HS27A02	RR2Y	2.7	R	AC	53.3	12.1	23.0	156.8	\$567.1
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	52.0	12.4	18.0	164.5	\$552.6
Prairie Brand	PP-242	RR2Y	2.4	MR	CM	51.9	12.7	13.7	127.8	\$550.8
Kruger	K2-3103	RR2Y	3.1	R	AC	51.7	11.3	18.0	120.1	\$552.0
Kruger	K2X24A1	RR2Y	2.3	R	AC	51.3	12.6	9.7	129.7	\$544.7
Titan Pro	32M20	RR2Y	3.1	R	CM	50.4	11.9	18.0	133.6	\$536.7
Prairie Brand	PB-2667NRR	RR	2.6	R	T6	48.3	13.4	2.0	154.9	\$511.1
SOI	2716NRR	RR	2.7	MR	None	47.1	11.8	7.0	174.2	\$501.8
Asgrow	AG2406 GC	RR	2.4	MR	CM	47.1	13.2	2.0	158.8	\$498.8
FS Seeds	HS29A02	RR2Y	2.9	R	AC	46.8	13.0	14.3	135.5	\$496.1
Dyna-Gro	39RY30	RR2Y	3.0	R	AC	46.5	11.3	8.7	120.1	\$496.5
Kruger	K2-2701	RR2Y	2.7	R	AC	42.7	13.5	9.7	118.1	\$451.7
FS Seeds	HS24A01	RR2Y	2.4	S	AC	42.5	13.7	9.7	133.6	\$449.2
Prairie Brand	PB-2959NRR2	RR2Y	2.9	R	AC	42.0	12.0	25.7	149.1	\$447.1
Prairie Brand	PB-2636NRR	RR	2.6	R	T6	42.0	12.4	15.0	154.9	\$446.3
Kruger	K2-2703	RR2Y	2.7	R	AC	41.1	10.7	14.3	127.8	\$439.9
Kruger	K2-2902	RR2Y	2.9	R	AC	40.6	12.7	33.0	152.9	\$430.9
Channel	2902R2	RR2Y	2.9	R	AC	39.9	13.0	13.7	158.7	\$422.9
FS Seeds	HS29R80	RR	2.9	R	CM	38.5	13.4	11.0	131.7	\$407.4
Channel	3002R2	RR2Y	3.0	R	AC	38.3	13.0	13.7	145.2	\$406.0
Test Average =						<b>45.8</b>	<b>12.5</b>	<b>12.2</b>	<b>141.0</b>	<b>\$486.5</b>
LSD (0.10) =						11.3	0.5	13.0		
C.V. =						18.1	2.9			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This test location was sloped and provided very good drainage, eliminating problems associated with excess rainfall this year. SDS had a major influence on product performance in this test. Yields are a bit variable due to the impact of SDS. Plants were medium to tall producing very small seed. No weed or insect issues observed.

Lat: N42.01778, Long: W92.12519

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.045 Price = \$10.60

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

‡ Seed Treatment: AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

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

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/14/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
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- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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