

2010 BETTER VARIETIES Harvest Report for Iowa North [IANO]

SOIANO25

Iowa Lakes Comm. College, Palo Alto County, IA 50536 [EMMETSBURG]

PREV. CROP/HERB: Corn / Harness Xtra, Durango
 SOIL DESCRIPTION: Nicollet silty clay loam, non-irrigated, well drained 1.8 - 2.5 MAT. GROUP
 SOIL CONDITIONS: mod. high P, mod. high K, 6.5 pH, 3.5% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup, Roundup, Select, Warrior
 SEEDED - RATE: May 17 170,000 /A TOP 30 for YIELD of 63 TESTED
 HARVESTED - STAND: Oct 5 114,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Titan Pro	23M9	RR2Y	2.3	S	CM	67.1	11.8	4.7	92.9	\$671.0
Channel	2402R2	RR2Y	2.4	S	AC	66.8	12.1	6.3	102.2	\$668.0
Wensman	W3230R2	RR2Y	2.3	S	AC	66.0	11.9	5.7	89.2	\$660.0
FS Seeds	HS24A01	RR2Y	2.4	S	AC	65.3	11.6	3.0	119.0	\$653.0
FS Seeds	HS24R91	RR	2.4	S	CM	64.9	12.0	14.0	100.3	\$649.0
Prairie Brand	PB-1920R2	RR2Y	1.9	S	AC	64.6	12.3	4.7	111.5	\$646.0
Kruger	K2-1901	RR2Y	1.9	R	AC	64.4	11.3	8.0	104.1	\$644.0
Renk	RS241R2	RR2Y	2.4	S	AC	64.2	11.7	11.0	124.5	\$642.0
SOI	2398RR	RR	2.3	S	None	64.1	11.9	7.0	156.1	\$641.0
Hefty	H23Y10	RR2Y	2.3	S	AC	63.6	11.4	7.3	109.6	\$636.0
Dairyland	DSR-2560RR	RR	2.5	S	CM	63.5	11.7	32.7	133.8	\$635.0
Kruger	K2-2301	RR2Y	2.3	S	AC	63.2	11.6	6.3	94.8	\$632.0
Kruger	K2-2701	RR2Y	2.7	R	AC	63.2	12.5	23.0	92.9	\$632.0
Dyna-Gro	36RY19	RR2Y	1.9	R	AC	63.1	11.2	7.0	122.7	\$631.0
Prairie Brand	PP-242	RR2Y	2.4	MR	CM	63.0	11.9	4.0	87.4	\$630.0
NuTech	1808RN	RR	1.8	R	CM	62.5	11.2	3.0	109.7	\$625.0
Hefty	H19Y11	RR2Y	1.9	MR	CM	62.4	11.6	14.0	115.2	\$624.0
Prairie Brand	PB-2110R2	RR2Y	2.1	S	CM	62.0	12.4	9.7	130.1	\$620.0
Prairie Brand	PP-202	RR2Y	2.0	MR	CM	61.9	11.5	2.0	122.7	\$619.0
Channel	2400R2	RR2Y	2.4	R	AC	61.6	12.0	11.7	104.1	\$616.0
Hefty	H23Y11	RR2Y	2.3	MR	AC	61.4	11.7	7.3	122.7	\$614.0
Dairyland	DSR-2011RR*	RR	2.0	S	CM	61.2	11.2	3.7	137.5	\$612.0
Kruger	K2-2703	RR2Y	2.7	R	AC	61.1	18.4	54.7	115.2	\$611.0
SOI	STAR 2481NRR2Y	RR2Y	2.4	R	CM	60.7	12.2	9.7	122.7	\$607.0
Titan Pro	20M70	RR2Y	2.0	S	CM	59.8	12.1	13.7	132.0	\$598.0
Viking	2201R2N	RR2Y	2.2	R	AC	59.7	11.8	6.3	132.0	\$597.0
FS Seeds	HS23A02	RR2Y	2.3	R	AC	59.6	11.6	4.0	124.5	\$596.0
NuTech	G2 7230^	RR	2.3	R	CM	59.6	11.4	11.3	126.4	\$596.0
Titan Pro	20M1*	RR2Y	2.0	R	CM	59.5	11.4	3.0	98.5	\$595.0
Hefty	H24Y11	RR2Y	2.4	MR	AC	59.4	11.8	18.0	113.4	\$594.0
Test Average =						59.1	11.9	7.8	114.5	\$591.2
LSD (0.10) =						5.2	0.4	10.8		
C.V. =						6.5	2.5			



F.I.R.S.T. Manager

TEST COMMENTS: This site experienced significant hail damage on June 25 and lesser damage from a second hail storm on July 18. The plot site also received over 5" of rain during the 2nd week of August. Differences in the ability of some varieties to recover from the weather related stresses were apparent. Plant height ranged from 20 - 42 inches.

Lat: N43.13028, Long: W94.77307

Yield & Income Factors: Base Moisture = 13% Shrink = 1.0 Drying = \$0.000 Price = \$10.00

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

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Report Date: 10/7/2010 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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

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

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