

2011 BETTER VARIETIES Harvest Report for Illinois South Central [ILSC]

S1ILSC07

Jim Cullison, Macon County, IL 61913 [FORSYTH]

PREV. CROP/HERB: Corn / Harness Xtra, Lexar
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, non-irrigated 3.4 - 4.1 MAT. GROUP
 SOIL CONDITIONS: Low SCN, mod. high P, mod. high K, 6.6 pH, 3.5% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Valor XLT, Roundup PowerMax, Fusilade, Quadris, Indigo
 SEEDED - RATE: May 13 136,000 /A TOP 30 for YIELD of 54 TESTED
 HARVESTED - STAND: Oct 22 122,000 /A AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Diener	4025CR2	RR2Y	4.0	R	AC	51.3	13.4	0.0	122.0	\$615.2
Channel	4102R2	RR2Y	4.1	R	AC	51.1	13.3	0.0	122.0	\$612.9
Diener	3955CR2	RR2Y	3.9	R	AC	51.0	11.3	0.0	122.0	\$612.0
Channel	3701R2	RR2Y	3.7	R	AC	49.7	12.4	0.0	122.0	\$596.4
Kruger	K2-4202	RR2Y	4.1	R	AC	49.7	14.5	0.0	122.0	\$594.9
Kruger	K2-3701	RR2Y	3.6	R	AC	49.2	11.7	0.0	122.0	\$590.4
Steyer	3901R2	RR2Y	3.9	R	AC	49.0	13.8	0.0	122.0	\$587.2
Diener	3712CR2	RR2Y	3.7	R	AC	48.7	14.1	0.0	122.0	\$583.3
LG Seeds	C3890R2	RR2Y	3.8	R	AC	48.3	13.9	0.0	122.0	\$578.7
FS Hisoy	HS 39A02	RR2Y	3.9	R	CM	48.0	14.5	0.0	122.0	\$574.6
Great Lakes	GL3879R2	RR2Y	3.8	R	AC	47.2	10.8	0.0	122.0	\$566.4
Lewis	392R2	RR2Y	3.9	R	AC	47.1	12.3	0.0	122.0	\$565.2
LG Seeds	C3770R2	RR2Y	3.7	R	AC	47.0	10.6	0.0	122.0	\$564.0
Great Lakes	GL4059R2	RR2Y	4.0	R	AC	46.9	14.0	0.0	122.0	\$561.9
Stone	2R3802	RR2Y	3.8	R	AC	46.7	12.0	0.0	122.0	\$560.4
Steyer	3490RR	RR	3.4	R	AC	46.5	13.8	0.0	122.0	\$557.3
FS Hisoy	HS 38A02	RR2Y	3.8	R	CM	46.3	9.9	0.0	122.0	\$555.6
Kruger	K2-4101	RR2Y	4.1	R	AC	46.2	13.0	0.0	122.0	\$554.4
Dairyland	DSR-3805R2Y	RR2Y	3.8	MR	CM	45.9	13.6	0.0	122.0	\$550.2
Dairyland	DSR-4242R2Y	RR2Y	4.2	MR	CM	45.6	13.9	0.5	122.0	\$546.4
Steyer	3603R2	RR2Y	3.6	R	AC	45.4	10.5	0.0	122.0	\$544.8
FS Hisoy	HS 36A12	RR2Y	3.6	R	CM	45.0	10.6	0.0	122.0	\$540.0
Kruger	K2-4102	RR2Y	4.1	R	AC	44.9	13.3	0.0	122.0	\$538.5
Kruger	K2-3902	RR2Y	3.9	R	AC	44.6	13.7	0.0	122.0	\$534.6
FS Hisoy	HS 33A02	RR2Y	3.3	R	CM	44.6	15.3	0.0	122.0	\$533.1
Kruger	K2-3802	RR2Y	3.8	R	AC	44.4	10.2	0.0	122.0	\$532.8
FS Hisoy	HS 34A12	RR2Y	3.4	R	CM	43.9	12.9	0.0	122.0	\$526.8
FS Hisoy	HS 39A12	RR2Y	3.9	R	CM	43.9	13.5	0.0	122.0	\$526.4
Kruger	K2-3602	RR2Y	3.6	R	AC	43.5	13.4	0.0	122.0	\$521.7
Pfister	38R25	RR2Y	3.8	R	CM	43.1	9.5	0.0	122.0	\$517.2
Test Average =						44.0	12.8	0.0	122.0	\$527.0
LSD (0.10) =						5.3	1.1	ns		
C.V. =						7.1	5.3			


 F.I.R.S.T. Manager

TEST COMMENTS: Jim said that his farm received 18 inches of rain in June alone. Portions of May were also very wet.

This farm experienced hot temps of 100+ degree for 2-3 weeks. It also missed most of the July & August rains. Harvested plants were 24"-36" tall. Seed quality was fair and seed size varied from 3300 - 4500 seeds/lb.

Lat: N39.94737, Long: W-88.97412

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$12.00

[†] 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: 10/22/2011 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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