

2011 BETTER VARIETIES Harvest Report for Illinois South [ILSO]
 David Soltwedel, Effingham County, IL 62461 [SHUMWAY]

S1ILSO11

PREV. CROP/HERB: Corn / Atrazine, Roundup

SOIL DESCRIPTION: Hoyleton/Cisne silt loam, mod. poor drained, non-irrigated

4.0 - 4.7 MAT. GROUP

SOIL CONDITIONS: Low SCN, mod. low P, mod. low K, 6.1 pH, 2.1% OM

30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Roundup WeatherMax

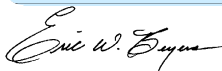
SEEDED - RATE: May 24 155,000 /A

TOP 30 for YIELD of 42 TESTED

HARVESTED - STAND: Oct 24 122,000 /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
Dyna-Gro	39RY43	RR2Y	4.3	R	AC	51.6	13.1	0.0	122.0	\$619.1
Kruger	K2-4102	RR2Y	4.1	R	AC	50.7	13.5	0.0	122.0	\$607.9
Stone	2R4302	RR2Y	4.3	R	AC	49.6	13.1	0.0	122.0	\$595.1
FS Hisoy	HS 40A12	RR2Y	4.0	R	CM	49.3	13.1	0.0	122.0	\$591.5
Channel	4205R2	RR2Y	4.2	R	AC	49.1	13.3	0.0	122.0	\$588.9
Lewis	412R2	RR2Y	4.1	R	AC	49.0	13.7	0.0	122.0	\$587.3
Pfister	43R29	RR2Y	4.3	R	CM	48.8	13.2	0.0	122.0	\$585.4
Steyer	4203R2	RR2Y	4.2	MR	AC	48.7	13.0	0.0	122.0	\$584.4
FS Hisoy	HS 42A12	RR2Y	4.2	R	CM	48.3	13.4	0.0	122.0	\$579.2
Stone	2R4201	RR2Y	4.2	R	AC	47.8	14.2	0.0	122.0	\$572.5
Lewis	441R2	RR2Y	4.4	R	AC	47.7	13.4	0.0	122.0	\$572.0
Dyna-Gro	31RY45	RR2Y	4.5	R	AC	47.3	13.9	0.7	122.0	\$566.7
Kruger	K2-4302	RR2Y	4.3	R	AC	46.9	13.6	0.0	122.0	\$562.2
FS Hisoy	HS 45A02	RR2Y	4.5	R	CM	46.7	13.1	0.0	122.0	\$560.3
Channel	4405R2	RR2Y	4.4	R	AC	46.6	13.9	0.0	122.0	\$558.4
Stone	2R4402	RR2Y	4.4	R	AC	46.4	13.7	0.0	122.0	\$556.2
Steyer	4230RR	RR	4.2	R	AC	46.2	13.2	0.0	122.0	\$554.2
FS Hisoy	HS 45A12	RR2Y	4.5	R	CM	46.2	13.7	0.0	122.0	\$553.8
Stone	2R3802	RR2Y	3.8	R	AC	46.0	12.7	0.0	122.0	\$552.0
Kruger	K2-4502	RR2Y	4.5	R	AC	45.7	13.5	0.0	122.0	\$547.9
LG Seeds	C4625R2	RR2Y	4.6	S	AC	45.6	13.7	0.0	122.0	\$546.6
Steyer	4001R2	RR2Y	4.0	MR	AC	45.5	13.8	0.0	122.0	\$545.3
Steyer	4701R2	RR2Y	4.7	MR	AC	45.2	14.1	0.0	122.0	\$541.4
Channel	4705R2	RR2Y	4.7	R	AC	45.0	14.1	0.0	122.0	\$539.0
LG Seeds	C4411R2	RR2Y	4.4	R	AC	44.9	13.2	0.0	122.0	\$538.6
Kruger	K2-4601	RR2Y	4.6	R	AC	44.9	13.3	0.0	122.0	\$538.5
FS Hisoy	HS 41A12	RR2Y	4.1	R	CM	44.8	13.9	0.0	122.0	\$536.8
Kruger	K2-4202	RR2Y	4.1	R	AC	44.6	14.2	0.0	122.0	\$534.1
Steyer	4002R2	RR2Y	4.0	MR	AC	44.3	12.6	0.0	122.0	\$531.6
Channel	4305R2	RR2Y	4.3	R	AC	44.3	13.5	0.0	122.0	\$531.2
Test Average =						45.5	13.6	0.0	122.0	\$545.8
LSD (0.10) =						3.0	0.3	0.2		
C.V. =						4.9	1.6			


 F.I.R.S.T. Manager

TEST COMMENTS: David commented that the soybean field around the plot averaged 47 bu./acre. Harvested plants had excellent growth of near 50" tall, but late season heat & drought conditions took its toll. Harvested seed size ~3800-4200 sds/lb. Seed pods were abundant, but the climate reduced the fill. Seed quality was good.

Lat: N39.20485, Long: W-88.77856

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: 10/25/2011 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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