

2010 BETTER VARIETIES Harvest Report for Illinois South Central [ILSC]

SOILSC07

Roger Ladage, Macoupin County, IL 62690 [VIRDEN]

PREV. CROP/HERB: Corn, 2+ yr / Lexar, Callisto
 SOIL DESCRIPTION: Virden silt loam, non-irrigated, moderately drained 3.4 - 4.1 MAT. GROUP
 SOIL CONDITIONS: Medium SCN, mod. high P, mod. high K, 6.9 pH, 3.6% OM TR8" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Fusion, Flexstar
 SEEDING - RATE: May 28 140,000 /A TOP 30 for YIELD of 54 TESTED
 HARVESTED - STAND: Oct 18 139,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Asgrow	AG3931	RR2Y	3.9	R	AC	63.0	7.6	9.7	139.4	\$699.8
Asgrow	AG3830	RR2Y	3.8	R	AC	61.7	7.2	14.3	139.4	\$685.9
Asgrow	AG3731	RR2Y	3.7	R	AC	60.4	7.0	1.7	139.4	\$671.6
Channel	4102R2	RR2Y	4.1	R	AC	58.7	8.3	4.0	139.4	\$651.2
Withdrawn	EX337	RR2Y	3.7	MR	AC	58.0	8.2	15.3	139.4	\$643.6
Kruger	K2-3801	RR2Y	3.8	R	AC	57.6	8.6	2.0	139.4	\$638.7
Diener	4001CR2	RR2Y	4.0	R	AC	57.4	7.3	11.0	139.4	\$637.9
Channel	3701R2	RR2Y	3.7	R	AC	57.3	7.6	1.7	139.4	\$636.5
Kruger	K2-3602	RR2Y	3.6	R	AC	57.2	8.3	11.0	139.4	\$634.6
Stone	2R3900	RR2Y	3.9	R	AC	56.1	7.0	5.7	139.4	\$623.8
Asgrow	AG3831	RR2Y	3.8	R	AC	56.1	8.2	23.0	139.4	\$622.5
Channel	4000R2	RR2Y	4.0	R	AC	55.9	7.3	8.7	139.4	\$621.3
FS Seeds	HS38R80	RR	3.8	R	CM	55.9	7.5	0.3	139.4	\$621.0
Diener	3822CR2	RR2Y	3.9	R	AC	55.8	7.9	14.7	139.4	\$619.5
Diener	3551CR2	RR2Y	3.5	R	AC	55.3	7.7	1.7	139.4	\$614.2
eMerge	389FYC	None	3.8	R	CM	54.7	8.0	21.7	139.4	\$607.2
FS Seeds	HS37A02	RR2Y	3.7	R	AC	54.6	7.7	16.7	139.4	\$606.4
Kruger	K2-4101	RR2Y	4.1	R	AC	54.5	7.2	7.0	139.4	\$605.8
Stone	2R3701	RR2Y	3.7	R	AC	54.5	7.3	3.7	139.4	\$605.7
Beck	XL 400NR^	RR	4.0	R	ES	54.5	7.7	15.0	139.4	\$605.3
Beck	XL 325NR^	RR	3.4	R	ES	54.4	7.6	1.7	139.4	\$604.3
Kruger	K2-3601	RR2Y	3.6	R	AC	54.4	7.9	11.3	139.4	\$603.9
Lewis	400R2	RR2Y	4.0	R	AC	54.2	7.9	9.0	139.4	\$601.7
Stone	2R3901	RR2Y	3.9	R	AC	54.1	7.8	16.7	139.4	\$600.7
Kruger	K2-3902	RR2Y	3.9	R	AC	54.1	7.9	12.7	139.4	\$600.6
Asgrow	AG3631	RR2Y	3.6	R	AC	54.1	7.9	19.3	139.4	\$600.6
Beck	393NR*	RR	3.9	R	ES	54.0	7.6	18.0	139.4	\$599.8
FS Seeds	HS40A02	RR2Y	4.0	R	AC	54.0	8.0	16.7	139.4	\$599.4
Kruger	K2-3901	RR2Y	3.9	R	AC	54.0	8.4	7.3	139.4	\$599.0
FS Seeds	HS38A02	RR2Y	3.8	R	AC	53.7	7.2	3.0	139.4	\$596.9
Test Average =						54.0	7.9	8.4	139.4	\$599.2
LSD (0.10) =						4.0	1.1	12.0		
C.V. =						5.5	10.4			


 F.I.R.S.T. Manager

TEST COMMENTS: Harvested plants were very tall 42-55" so lodging was moderately high. The lower 3 nodes aborted pod development due to flooding. Upper plant pod development suffered from high heat in August. Harvested seed size ranged from 3000 - 4000 seeds/lb. Seedling emergence was uniform with good singulation. SDS pressure was slight.

Lat: N39.52166, Long: W89.7189

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

[†] 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

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Report Date: 10/19/2010 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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