

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

SOILSC06

Jim Cullison, Macon County, IL 61913 [FORSYTH]

PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Dana silty clay loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: Low SCN, mod. high P, mod. high K, 6.6 pH, 3.5% OM
 TILLAGE/CULTIVATION: minimum w/o fall till
 PEST MANAGEMENT: Valor XLT, Phoenix, Select Max, Warrior, Fusilade DX
 SEEDING - RATE: May 28 140,000 /A
 HARVESTED - STAND: Oct 17 139,400 /A

 3.4 - 4.1 MAT. GROUP
 TR8" ROW SPACING

 TOP 30 for YIELD of 54 TESTED
 AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
FS Seeds	HS39A02	RR2Y	3.9	R	AC	71.1	6.2	0.0	139.4	\$791.8
Stone	2R3401	RR2Y	3.4	R	AC	70.8	6.0	0.0	139.4	\$788.7
Channel	3701R2	RR2Y	3.7	R	AC	70.3	5.9	0.0	139.4	\$783.3
Asgrow	AG3931	RR2Y	3.9	R	AC	69.7	6.3	0.0	139.4	\$776.0
Kruger	K2-3601	RR2Y	3.6	R	AC	69.0	6.2	0.0	139.4	\$768.4
Withdrawn	EX337	RR2Y	3.7	MR	AC	68.6	5.9	0.0	139.4	\$764.3
Kruger	K2-3801	RR2Y	3.8	R	AC	67.5	6.1	0.0	139.4	\$751.8
Asgrow	AG3731	RR2Y	3.7	R	AC	67.3	5.8	0.3	139.4	\$750.0
Kruger	K2-3602	RR2Y	3.6	R	AC	67.2	5.9	0.0	139.4	\$748.7
FS Seeds	HS39L02	LL	3.9	R	None	66.9	5.8	0.0	139.4	\$745.5
Diener	3551CR2	RR2Y	3.5	R	AC	66.7	6.1	0.0	139.4	\$742.9
Beck	XL Ex6017NR^*	RR	3.9	R	ES	66.5	6.0	0.0	139.4	\$740.8
Kruger	K2-4101	RR2Y	4.1	R	AC	66.1	5.8	0.3	139.4	\$736.6
Stone	2R3901	RR2Y	3.9	R	AC	66.0	6.0	0.3	139.4	\$735.2
Asgrow	AG3830	RR2Y	3.8	R	AC	65.9	6.1	0.0	139.4	\$734.0
FS Seeds	HS37A02	RR2Y	3.7	R	AC	65.8	5.9	0.0	139.4	\$733.1
Stone	2R3801	RR2Y	3.8	R	AC	65.8	5.9	0.0	139.4	\$733.1
Channel	3801R2	RR2Y	3.8	R	AC	65.8	6.0	0.0	139.4	\$733.0
FS Seeds	HS38R80	RR	3.8	R	CM	65.8	6.4	0.0	139.4	\$732.5
Diener	3712CR2	RR2Y	3.7	R	AC	65.7	6.0	0.0	139.4	\$731.9
Stone	2R3600	RR2Y	3.6	R	AC	65.7	6.2	0.0	139.4	\$731.6
Beck	393NR*	RR	3.9	R	ES	65.5	5.8	0.0	139.4	\$729.9
Asgrow	AG3831	RR2Y	3.8	R	AC	65.5	6.1	0.0	139.4	\$729.5
Beck	XL 400NR^	RR	4.0	R	ES	65.3	5.9	0.3	139.4	\$727.6
Stone	2R3701	RR2Y	3.7	R	AC	65.0	6.0	0.3	139.4	\$724.1
Bo-Jac	Mavrack 0397LL	LL	3.9	R	None	64.2	5.9	0.0	139.4	\$715.3
Channel	4102R2	RR2Y	4.1	R	AC	63.8	6.3	0.0	139.4	\$710.3
Lewis	381R2	RR2Y	3.8	R	AC	63.7	5.8	0.0	139.4	\$709.9
Lewis	400R2	RR2Y	4.0	R	AC	63.7	6.0	0.0	139.4	\$709.6
Beck	XL 325NR^	RR	3.4	R	ES	63.2	6.2	0.3	139.4	\$703.8
Test Average =						63.6	6.1	0.1	139.4	\$708.4
LSD (0.10) =						5.5	0.5	n.s.		
C.V. =						6.3	6.5			


 F.I.R.S.T. Manager

TEST COMMENTS: Soybean plants had even emergence & uniform singulation within all rows at this site. The harvested seed size ranged from 3000-4000 seeds/lb. Their seed coat quality was excellent. Plant heights ranged from 36"-50". Jim commented that his combine yield monitor ranged upward of 85 bushels/acre in certain areas within this field.

Lat: N39.94715, Long: W88.97416

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: 10/18/2010 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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