

2010 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]
EARLY SEASON TEST

Ronnie Sloan, Fayette County, IL 62557 [VANDALIA]

108 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup BOILSO13a
 SOIL DESCRIPTION: Cowden silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.2 pH, 3.1% OM
 PEST MANAGEMENT: Force, Princep, Lexar, Resolve Q, Impact, Atrazine, Headline, Tombstone 30" ROW SPACING
 FERTILITY - Applied N: 170 Spring,
 Applied N-P-K (units): 170-0-0
 SEEDED - RATE: Apr 20 32,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Aug 28 29,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Croplan	6463SS	SS	C250	227.9	25.8	1.3	29.2	\$907.0	3
Wyffels	XW6927	RR2	P250	226.5	21.2	0.0	29.9	\$927.5	1
Stone	681-76VT3	VT3	P250	226.0	24.4	0.0	28.6	\$907.4	2
Wyffels	W6871	VT3	P250	223.1	23.6	0.0	31.2	\$900.2	4
Stone	6013VT3	VT3	P250	220.2	23.6	0.0	29.9	\$888.5	5
Horizon	72A06Q	3000GT	P250	218.8	24.8	0.0	31.9	\$876.3	9
Golden Harvest	H-8969 3000GT	3000GT	C500	218.7	24.3	0.0	29.2	\$878.6	7
AgriGold	A6458VT3	VT3	P250	218.2	23.9	0.0	30.6	\$878.8	6
Dyna-Gro	D52Q90*	3000GT	P250	217.7	25.7	0.0	29.9	\$867.0	13
Kruger	K-1211RR	RR2	P250	217.1	23.7	11.3	27.2	\$875.5	10
Stone	6204GVT3P	VT3P	P250	216.5	23.4	0.0	29.2	\$874.7	11
LG Seeds	LG2549VT3	VT3	P250	215.2	23.2	0.0	29.2	\$870.5	12
Wyffels	W7071	VT3	P250	214.8	23.8	0.0	29.9	\$865.6	14
Dyna-Gro	57V40	VT3	P250	214.7	23.9	0.0	27.9	\$864.7	15
LG Seeds	LG2616VT3	VT3	P250	214.5	24.7	0.0	29.2	\$859.6	16
Stone	6223VT3	VT3	P250	213.6	26.8	0.0	26.6	\$844.8	22
Stine	9728VT3Pro	VT3P	P250	213.6	28.3	0.0	28.6	\$836.8	27
Great Heart	HT-171-3000GT	3000GT	P250,V	212.5	26.6	0.0	29.9	\$841.5	24
Kruger	K-6408VT3	VT3	P250	212.4	19.9	0.3	27.2	\$876.7	8
Great Lakes	5939G3VT3	VT3	P250	210.5	23.4	1.3	29.9	\$850.4	19
Garst	84G70-3000GT	3000GT	C500	209.9	23.5	1.7	29.2	\$847.5	21
Stine	9731VT3Pro	VT3P	P250	209.7	23.0	16.3	29.9	\$849.3	20
Beck	6179VT3	VT3	P500	209.4	24.4	0.0	29.9	\$840.7	25
LG Seeds	LG2555VT3	VT3	P250	209.4	24.9	0.0	29.9	\$838.1	26
Great Lakes	6229G3VT3	VT3	P250	209.1	25.7	0.0	29.2	\$832.7	30
Beck	5442VT3	VT3	P500	208.6	25.0	8.3	29.9	\$834.4	29
Croplan	6125VT3	VT3	C250	208.3	21.6	0.0	28.6	\$850.9	18
Horizon	70-32R	RR2	P250	208.1	21.4	3.0	30.6	\$851.1	17
Kruger	K-6411VT3	VT3	C250	207.6	22.5	0.3	29.2	\$843.4	23
Croplan	6150VT3	VT3	C250	204.2	21.1	0.0	27.9	\$836.7	28
Beck	5716A3 CK	3000GT	P500	203.8	23.9	0.0	29.2	\$820.8	35
Test Average =				205.2	23.7	2.3	29.2	\$827.3	
LSD (0.10) =				19.3	1.8	8.7			
C.V. =				6.9	5.7				


 F.I.R.S.T. Manager

TEST COMMENTS: Strong winds from thunderstorms in early July produced green snapping in some hybrids prior to flowering.

Hybrids affected by the green snapping experienced yield reductions. Root lodging was minimal.

Gray Leaf Spot, Common Rust, & Stewarts Wilt leaf diseases were moderate.

Lat: N39.94831, Long: W89.14948

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] TECHNOLOGY: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included in early- and full-season tests. Bold yields are significantly above test average. Italicized brands exceed the grain moisture limit for this test. 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: 8/30/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

Ronnie Sloan, Fayette County, IL 62557 [VANDALIA]

FULL SEASON TEST

113 - 116 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0ILSO13b
 SOIL DESCRIPTION: Cowden silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.2 pH, 3.1% OM
 PEST MANAGEMENT: Force, Princep, Lexar, Resolve Q, Impact, Atrazine, Headline, Tombstone 30" ROW SPACING
 FERTILITY - Applied N: 170 Spring,
 Applied N-P-K (units): 170-0-0
 SEEDED - RATE: Apr 20 32,000 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Aug 28 29,300 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2641VT3	VT3	P250	224.1	24.5	0.0	30.6	\$899.2	1
Great Heart	HT-212VT3	VT3	P250,V	220.8	23.3	0.0	29.9	\$892.6	2
Dairyland	ST9313	VT3	C250	218.7	23.3	0.0	29.9	\$884.1	3
FS Seeds	FS64JV3	VT3	P250	218.7	23.3	0.0	29.2	\$884.1	4
Stone	6413VT3	VT3	P250	218.5	25.2	0.0	29.9	\$872.9	6
Channel	213-32VT3	VT3	P250	217.5	25.2	0.0	29.9	\$868.9	7
Kruger	K-6213VT3	VT3	P250	217.4	23.1	0.0	29.2	\$879.9	5
Stine	9726VT3Pro	VT3P	P250	217.2	27.6	0.0	31.9	\$854.7	11
Dyna-Gro	57V59	VT3	P250	214.9	23.3	0.0	29.9	\$868.7	8
Merschman	M-1015B-15	VT3P	P500	214.7	25.0	0.7	31.2	\$858.8	9
Dairyland	ST9414	VT3	P250	213.5	26.6	5.3	29.9	\$845.5	15
Croplan	6286VT3P	VT3P	C250	213.1	24.0	0.0	29.2	\$857.7	10
Great Lakes	6455G3VT3	VT3	P250	213.1	26.2	0.0	30.6	\$846.0	14
AgriGold	A6533VT3	VT3	P250	212.5	24.9	0.0	28.6	\$850.5	13
Stone	6503VT3	VT3	P250	211.6	26.2	3.0	27.9	\$840.1	17
Channel	216-63VT3	VT3	P250	211.1	27.5	0.0	29.9	\$831.2	22
Great Lakes	6354G3VT3	VT3	P250	210.1	25.4	12.3	29.9	\$838.3	18
LG Seeds	LG2620VT3	VT3	P250	209.8	25.3	1.7	29.9	\$837.6	19
Channel	214-14VT3P	VT3P	P250	209.1	24.0	0.0	28.6	\$841.6	16
Dyna-Gro	57V21	VT3	P250	208.5	29.4	3.0	28.6	\$811.1	27
Croplan	6763VT3	VT3	C250	207.7	24.6	0.0	30.6	\$832.9	21
Kruger	K-6116VT3	VT3	C250	207.6	24.2	0.3	27.2	\$834.6	20
Golden Harvest	H-9138 3000GT	3000GT	C500	207.6	27.1	0.0	29.9	\$819.5	24
Stine	9806VT3	VT3	P250	207.5	28.9	0.0	27.9	\$809.8	29
Garst	83R38-3000GT	3000GT	C250	207.3	28.6	0.0	28.6	\$810.5	28
Beck	XL 6733HXR^	HXT,RR2	P500	206.7	26.0	0.0	29.2	\$821.6	23
NuTech	G2 5H-515^	HX,RR2	C250	202.8	24.8	0.3	28.6	\$812.2	26
Kruger	K-7614	VT3P	P250	202.4	24.0	0.0	29.9	\$814.7	25
Kruger	K-6214VT3	VT3	P250	199.6	23.5	0.0	29.9	\$805.9	31
Beck	XL 6464HR^*	HX,RR2	P500	198.8	22.2	1.7	27.2	\$809.1	30
Beck	5716A3 CK	3000GT	P500	212.7	24.4	0.0	28.6	\$854.0	12
Test Average =				200.8	25.3	1.8	29.3	\$802.0	
LSD (0.10) =				18.3	1.8	7.3			
C.V. =				6.7	5.3				

Eric W. Beyer
F.I.R.S.T. Manager

TEST COMMENTS: *Strong winds from thunderstorms in early July produced green snapping in some hybrids prior to flowering. Hybrids affected by the green snapping experienced yield reductions. Root lodging was minimal. Gray Leaf Spot, Common Rust, & Stewarts Wilt leaf diseases were moderate.* Lat: N39.94831, Long: W89.14948

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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 [™]

Trademarks

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