

**2011 BETTER HYBRIDS Harvest Report for Illinois South [ ILSO ]**

Ronnie Sloan, Fayette County, IL 62557 [ VANDALIA ]

**EARLY SEASON TEST**
**107 - 112 Day CRM**

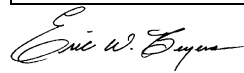
B1ILSO15a

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Virden silty clay loam, moderately drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Mod. High P, mod. high K, 6.2 pH, 3.1% OM  
 PEST MANAGEMENT: Roundup PowerMax  
 FERTILITY - Applied N: 158 Spring,  
 Applied N-P-K (units): 158-0-0  
 SEEDED - RATE: Jun 2 34,000 /A  
 HARVESTED - STAND: Nov 5 30,300 /A

**TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-4207	VT2P	P500,V	107	147.0	14.9	5.3	30.6	955.5	1
LG Seeds	LG2555VT3	VT3	P500,V	110	139.5	15.3	4.3	31.9	905.7	2
Kruger	K4-9710	STX	P500,V	110	138.4	15.4	0.0	30.6	898.2	3
Great Lakes	6232G3VT3	VT3	P500,V	112	137.4	15.3	1.3	30.6	892.1	4
Pfister	2674HXTR	HXT,RR2	C250,AV	111	136.5	15.4	4.3	29.9	885.9	5
Heritage	4640GENVT3P	VT3P	P250	111	134.7	14.9	0.0	32.6	875.6	6
Croplan	6125VT3	VT3	C250	109	133.5	15.4	0.0	31.9	866.4	7
Wyffels	W6871	VT3	P250	110	129.6	15.6	14.7	31.9	840.5	8
Dairyland	ST-9210SSX	STX	C250	110	128.4	15.5	0.7	30.6	833.0	9
Pfister	2574HXTR	HXT,RR2	C250,AV	110	128.3	15.5	3.0	28.6	832.3	10
Channel	212-08VT3P	VT3P	P500,V	112	127.7	15.2	0.7	31.9	829.4	11
Kruger	K-7211	VT3P	P500,V	111	127.4	15.3	1.7	29.9	827.1	12
Steyer	10903	VT3P	P250	109	126.0	16.2	0.0	30.6	815.2	14
Pioneer	P1018HR GC	HX,RR2	C250	110	125.9	16.2	0.0	31.9	814.6	15
AgriGold	A6458VT3	VT3	P500,V	109	125.5	14.9	0.3	30.6	815.8	13
Great Lakes	5939G3VT3	VT3	P500,V	109	125.0	14.8	1.3	29.9	812.5	16
Lewis	1110VT2P	VT2P	P500,V	110	123.5	15.1	0.0	29.2	802.4	17
NuTech	5N-1004*	3000GT	C250	110	123.5	15.4	1.3	29.9	801.5	18
FS Seeds	FS 62MV4	VT3P	C250	112	123.5	16.1	3.0	31.9	799.4	20
Wyffels	W7147	VT3P	P250	111	123.1	15.1	2.0	27.9	799.8	19
G2 Genetics	5X-812^*	HXT,RR2	C250	112	123.0	16.1	1.7	29.9	796.1	22
Augusta	A5461GTCBLL	GT/CB/LL	C500,AV	111	122.7	15.1	3.0	29.2	797.2	21
Channel	212-75VT3P	VT3P	P500,V	112	122.2	15.4	3.0	30.6	793.1	23
Kruger	K-7312	VT3P	P500,V	112	121.9	15.0	0.0	29.9	792.4	24
Croplan	6160VT3PRO	VT3P	C250	111	121.9	15.7	2.0	32.6	790.2	25
Stone	6022GVT2P	VT2P	P500,V	110	121.6	15.1	0.0	30.6	790.1	26
Wyffels	W7477	VT3P	P250	112	120.2	16.0	0.3	29.9	778.3	28
Augusta	A5560VT3	VT3	P250	110	119.8	15.1	2.7	29.9	778.4	27
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	119.5	16.6	0.3	27.9	772.0	29
Wyffels	W7213	GT/CB/LL	C250	111	118.8	16.1	3.0	28.6	768.9	30
<b>Pioneer</b>	<b>P1184XR CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>111</b>	<b>87.7</b>	<b>15.9</b>	<b>2.7</b>	<b>30.6</b>	<b>568.1</b>	<b>59</b>
Test Average =					<b>116.4</b>	<b>15.4</b>	<b>3.5</b>	<b>30.3</b>	<b>755.1</b>	
LSD (0.10) =					23.2	0.8	8.0			
C.V. =					14.7	4.0				



F.I.R.S.T. Manager

**TEST COMMENTS:** Ronnie said that this site received 19" of rain in the June, alone. Despite the rain, plant emergence was uniform. A thunderstorm after pollination caused green snapping in a few hybrids. Lodging scores mainly reflect green snap but stalk lodging was noted. The yield difference between tests is due to soil change and the full test had a slight elevation advantage.

Lat: N38.96296, Long: W-89.1452

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.50

<sup>†</sup> TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

<sup>††</sup> IST: **AV** - Avicta, **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 comparison product, \* = brands without a seed lot number; **ns** = not significantly different

**2011 BETTER HYBRIDS Harvest Report for Illinois South [ ILSO ]**

Ronnie Sloan, Fayette County, IL 62557 [ VANDALIA ]

**FULL SEASON TEST**
**113 - 116 Day CRM**

B1ILSO15b

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Virden silty clay loam, moderately drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.2 pH, 3.1% OM  
 PEST MANAGEMENT: Roundup PowerMax  
 FERTILITY - Applied N: 158 Spring,  
 Applied N-P-K (units): 158-0-0

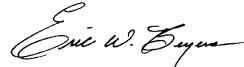
30" ROW SPACING

SEEDED - RATE: Jun 2 34,000 /A  
 HARVESTED - STAND: Nov 5 30,100 /A

**TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Garst	83M47-GT/CB/LL	GT/CB/LL	C250	115	189.0	17.3	2.7	27.2	1,217.6	1
NuTech	5V-514*	3111	C250	114	188.8	17.1	1.3	29.9	1,217.3	2
Great Lakes	6455G3VT3	VT3	P500,V	114	187.5	17.7	3.7	30.6	1,206.1	3
Kruger	K-7516	VT3P	P500,V	116	183.1	17.7	3.0	31.9	1,177.8	4
FS Seeds	FS 66S41	GT/CB/LL	C250	116	182.1	20.2	0.3	29.9	1,160.0	5
Great Lakes	6354G3VT3	VT3	P500,V	113	179.7	18.2	0.7	31.2	1,153.7	6
Beck	XL 6626HXR^*	HXT,RR2	P1250,V	114	178.2	18.0	1.7	28.6	1,144.9	7
Great Lakes	6530G3VT3	VT3	P500,V	115	177.0	18.1	13.7	29.9	1,136.8	8
Channel	213-32VT3	VT3	P500,V	113	176.9	18.3	0.0	29.2	1,135.3	9
Garst	82K01-3111	3111	C250	116	174.6	19.2	12.0	27.2	1,116.6	11
Kruger	K-7215	VT3P	P500,V	115	173.3	18.0	0.0	30.6	1,113.5	12
Dyna-Gro	CX111113*	VT3P	P250	113	173.0	16.8	0.3	31.2	1,116.7	10
Stone	6404GVT3P	VT3P	P500,V	114	172.7	18.0	0.0	30.6	1,109.6	13
LG Seeds	LG2620VT3	VT3	P500,V	113	172.3	18.0	3.3	31.9	1,107.0	14
LG Seeds	LG2636VT3	VT3	P500,V	114	172.0	19.0	5.3	27.2	1,100.8	16
LG Seeds	LG2641VT3	VT3	P500,V	114	171.8	17.7	5.3	31.2	1,105.1	15
G2 Genetics	5H-515^*	HX,RR2	C250	115	171.4	18.3	1.7	28.6	1,100.0	17
Golden Harvest	H-9499GT/CB/LL	GT/CB/LL	C250	115	171.4	20.4	1.3	29.9	1,091.0	20
Stone	6418GSS	STX	P500,V	114	171.3	18.4	0.0	29.9	1,098.9	18
AgriGold	A6533VT3	VT3	P500,V	113	170.7	18.3	11.0	31.2	1,095.5	19
Lewis	1215VT3P	VT3P	P500,V	115	169.5	17.6	6.7	30.6	1,090.7	21
Kruger	K-7514	VT3P	P500,V	114	166.8	17.4	2.7	30.6	1,074.2	22
Stine	9808VT3Pro*	VT3P	C250	116	165.6	21.0	9.7	30.6	1,051.6	26
G2 Genetics	5H-716^*	HX,RR2	C250	116	164.4	19.0	8.7	30.6	1,052.2	25
Steyer	11302	VT3P	P250	113	164.0	17.4	1.7	31.9	1,056.2	23
Garst	83S06-3111	3111	C250	113	164.0	18.6	14.0	30.6	1,051.2	27
Steyer	11501	VT3P	P250	115	162.7	17.8	17.7	31.9	1,046.2	28
Phoenix	6848A3^*	3000GT	P1250,V	115	162.6	19.2	18.7	27.2	1,039.8	29
Kruger	K-7614	VT3P	P500,V	114	159.3	18.4	8.7	29.9	1,021.9	30
FS Seeds	FS 64JV3	VT3	C250	114	157.4	17.7	6.0	29.2	1,012.5	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	163.9	17.5	6.7	30.6	1,055.1	24
Test Average =					153.0	18.1	11.7	30.1	982.2	
LSD (0.10) =					26.6	0.5	17.3			
C.V. =					12.9	2.2				



F.I.R.S.T. Manager

**TEST COMMENTS:** Ronnie said that this site received 19" of rain in the June, alone. Despite the rain, plant emergence was uniform. A thunderstorm after pollination caused green snapping in a few hybrids. Lodging scores mainly reflect green snap but stalk lodging was noted.

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<sup>††</sup> IST: AV - Avicta, 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 comparison product, \* = brands without a seed lot number, ns = not significantly different

Complete brands tested list & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 11/7/2011

Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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