

2011 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]
 Don Polczynski, Perry County, IL 62832 [DU QUOIN]

EARLY SEASON TEST
107 - 112 Day CRM

B1ILSO18a

 PREV. CROP/HERB: Soybean / Gramoxone Inteon, Roundup
 SOIL DESCRIPTION: Cisne clay loam, poor drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 7.5 pH, 1.9% OM
 PEST MANAGEMENT: Keystone, Hornet, Roundup
 FERTILITY - Applied N: 23 Fall, 200 Spring,
 Applied N-P-K (units): 223-58-105

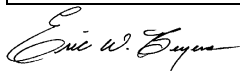
30" ROW SPACING

 SEEDED - RATE: Jun 1 27,000 /A
 HARVESTED - STAND: Nov 1 25,400 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7147	VT3P	P250	111	170.1	14.5	0.0	24.6	1,105.7	1
LG Seeds	LG2555VT3	VT3	P500,V	110	164.2	14.2	0.3	25.9	1,067.3	2
Steyer	11204	VT3P	P250	112	160.9	14.5	0.0	23.9	1,045.9	3
Fielders Choice	NG6798	VT3P	P250	112	160.8	14.7	0.0	25.9	1,045.2	4
Channel	212-08VT3P	VT3P	P500,V	112	159.5	14.5	0.0	25.2	1,036.8	5
Dairyland	ST-9111SSX	STX	C250	111	158.7	14.5	0.0	25.2	1,031.6	6
LG Seeds	LG2602VT3	VT3	P500,V	112	158.5	14.5	2.7	24.6	1,030.3	7
Stone	6022GVT2P	VT2P	P500,V	110	156.1	14.4	0.0	22.6	1,014.7	8
Channel	212-75VT3P	VT3P	P500,V	112	156.1	14.6	0.0	24.6	1,014.7	9
Pioneer	P1018HR GC	HX,RR2	C250	110	155.6	14.8	0.0	25.2	1,011.4	10
FS Seeds	FS 60TV4	VT3P	C250	110	155.0	14.3	0.0	24.6	1,007.5	11
FS Seeds	FS 62MV4	VT3P	C250	112	154.8	15.2	0.0	26.6	1,005.4	12
Croplan	6125VT3	VT3	C250	109	153.9	14.2	0.0	25.9	1,000.4	13
Augusta	A5560VT3	VT3	P250	110	153.6	14.5	0.0	25.9	998.4	14
Golden Harvest	H-8969 3111	3111	C250	111	153.1	14.1	0.0	23.2	995.2	15
Wyffels	W7477	VT3P	P250	112	152.7	14.6	0.0	25.9	992.6	16
Lewis	1110VT2P	VT2P	P500,V	110	152.2	14.6	0.0	24.6	989.3	17
Dairyland	ST-9210SSX	STX	C250	110	150.7	14.5	0.0	26.6	979.6	18
NuTech	5N-1004*	3000GT	C250	110	150.0	14.3	0.0	25.2	975.0	19
Croplan	6160VT3PRO	VT3P	C250	111	149.7	14.4	0.0	25.9	973.1	20
Kruger	K4-9710	STX	P500,V	110	149.7	14.5	0.3	25.9	973.1	21
LG Seeds	LG2549VT3	VT3	P500,V	109	149.2	13.9	0.0	25.9	969.8	22
Stine	9729VT3Pro*	VT3P	C250	110	149.0	14.4	0.0	26.6	968.5	23
Great Lakes	5939G3VT3	VT3	P500,V	109	148.8	14.3	0.0	27.2	967.2	24
Wyffels	W7213	GT/CB/LL	C250	111	148.4	14.8	0.0	23.9	964.6	25
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	148.1	14.9	0.0	25.2	962.7	26
Stine	9731VT3Pro*	VT3P	C250	110	148.0	14.5	0.0	26.6	962.0	27
Great Lakes	6232G3VT3	VT3	P500,V	112	147.8	14.2	0.0	23.2	960.7	28
Pfister	2674HXTR	HXT,RR2	C250,AV	111	147.5	14.4	0.0	25.9	958.8	29
FS Seeds	FS 58MV4	VT3P	C250	108	146.6	14.2	0.0	26.6	952.9	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	147.0	15.3	0.0	26.6	954.4	30
Test Average =					146.2	14.5	0.1	25.4	950.4	
LSD (0.10) =					12.8	0.3	0.4			
C.V. =					6.5	1.5				


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

TEST COMMENTS: *Matt said that his hybrid around the plot was averaging 100-130 bu./acre. The corn appeared to be normal with plant heights (9-12'), good standability, & well pollinated ears 5-7" long. So, why the lower yields? The kernel sizes were small.*
Perhaps the lack of relief from the high heat during the August night hours limited kernel fill?

Lat: N38.06844, Long: W-89.18533

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

[†] 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

^{††} 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

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 Don Polczynski, Perry County, IL 62832 [DU QUOIN]

FULL SEASON TEST
113 - 116 Day CRM

B1ILSO18b

 PREV. CROP/HERB: Soybean / Gramoxone Inteon, Roundup
 SOIL DESCRIPTION: Cisne clay loam, poor drained, no-till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9% OM
 PEST MANAGEMENT: Keystone, Hornet, Roundup
 FERTILITY - Applied N: 23 Fall, 200 Spring,
 Applied N-P-K (units): 223-58-105

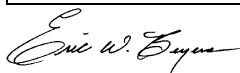
30" ROW SPACING

 SEEDED - RATE: Jun 1 27,000 /A
 HARVESTED - STAND: Nov 1 25,300 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6533VT3	VT3	P500,V	113	161.9	15.2	0.0	25.9	1,051.5	1
Channel	214-14VT3P	VT3P	P500,V	114	159.1	14.5	0.0	25.2	1,034.2	2
Dyna-Gro	CX111114*	VT3P	P250	114	158.8	14.6	0.0	25.9	1,032.2	3
Lewis	1215VT3P	VT3P	P500,V	115	157.7	15.0	0.0	25.2	1,025.1	4
Phoenix	6848A3A*	3000GT	P1250,V	115	157.7	15.5	0.7	23.9	1,023.1	5
Dairyland	ST-9814SSX	STX	C250	114	156.9	15.7	0.0	27.2	1,017.1	6
Heritage	4782GENVT2P	VT2P	P250	113	156.1	14.9	0.0	23.9	1,014.7	7
Steyer	11406	VT3P	P250	114	155.8	14.7	0.0	26.6	1,012.7	8
Stone	6324GVT3P	VT3P	P500,V	113	155.4	14.7	0.0	26.6	1,010.1	9
Croplan	6960VT3PRO	VT3P	C250	114	154.9	14.6	0.0	25.2	1,006.9	10
LG Seeds	LG2620VT3	VT3	P500,V	113	151.7	14.5	0.0	27.2	986.1	11
Kruger	K-7514	VT3P	P500,V	114	150.5	14.5	0.0	26.6	978.3	12
Dyna-Gro	D55VC21	VT2P	P250	115	150.4	14.4	0.0	25.9	977.6	13
Kruger	K-7215	VT3P	P500,V	115	149.4	15.1	0.0	25.2	970.7	14
Wyffels	W7997	VT3P	P250	113	148.9	14.7	0.0	25.9	967.9	15
Kruger	K-7516	VT3P	P500,V	116	148.8	14.9	0.0	26.6	967.2	16
Croplan	6525VT3PRO	VT3P	C250	113	147.1	14.9	0.0	23.9	956.2	17
Stone	6502GVT2P	VT2P	P500,V	115	147.0	15.3	0.0	24.6	954.4	19
Great Heart	HT-333VT3*	VT3	P250	113	146.9	14.8	0.0	25.2	954.9	18
Fielders Choice	NG6818	VT3	P250	114	146.0	14.8	0.0	24.6	949.0	20
FS Seeds	FS 63BV1	VT2P	C250	113	145.7	14.6	0.0	26.6	947.1	21
Channel	216-96VT3P	VT3P	P500,V	116	145.4	14.7	0.0	26.6	945.1	22
Channel	213-32VT3	VT3	P500,V	113	145.3	14.6	0.0	25.9	944.5	23
Fielders Choice	NG6882	RR2	P250	116	145.0	15.4	1.3	26.6	941.1	25
Steyer	11302	VT3P	P250	113	144.9	14.8	0.0	21.2	941.9	24
Dyna-Gro	CX111113*	VT3P	P250	113	144.6	14.5	0.0	25.9	939.9	26
Steyer	11404	VT3P	P250	114	144.6	15.1	0.0	25.2	939.5	27
Stone	6418GSS	STX	P500,V	114	142.3	14.7	0.0	24.6	925.0	28
Beck	XL 6626HXR^*	HXT,RR2	P1250,V	114	142.3	16.1	0.0	23.2	921.0	30
Kruger	K-7614	VT3P	P500,V	114	142.2	14.6	0.0	25.9	924.3	29
Pioneer	P1184XR CK	HXT,RR2	C250	111	138.5	14.8	0.0	22.6	900.3	38
Test Average =					140.2	15.0	0.1	25.3	910.6	
LSD (0.10) =					17.6	0.3	0.5			
C.V. =					9.3	1.4				


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 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 11/1/2011

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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