

2011 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

Tom Beyers, Marion County, IL 62870 [SALEM]

EARLY SEASON TEST
107 - 112 Day CRM

B1ILSO16a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hoyleton silty clay loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7.1 pH, 2.8% OM
 PEST MANAGEMENT: Princep, Atrazine, Roundup PowerMax
 FERTILITY - Applied N: 186 Spring,
 Applied N-P-K (units): 186-92-120

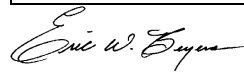
30" ROW SPACING

SEEDED - RATE: Jun 2 28,700 /A
 HARVESTED - STAND: Oct 30 27,200 /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
Kruger	K4-9710	STX	P500,V	110	153.7	15.4	0.0	27.9	997.5	1
Pfister	2674HXTR	HXT,RR2	C250,AV	111	150.2	15.3	10.0	27.9	975.2	2
AgriGold	A6489VT3	VT3	P500,V	112	150.1	16.6	3.3	27.9	969.6	3
Stone	6012GVT2P	VT2P	P500,V	110	142.7	14.7	0.0	28.6	927.6	4
Steyer	10903	VT3P	P250	109	142.6	15.0	1.3	27.2	926.9	5
Stone	6214GVT3P	VT3P	P250	112	142.5	14.8	0.0	27.2	926.3	6
Stine	9732VT3Pro*	VT3P	C250	112	141.0	15.5	3.3	28.6	914.7	7
Croplan	6125VT3	VT3	C250	109	140.5	14.8	5.3	28.6	913.3	8
Stine	9729VT3Pro*	VT3P	C250	110	140.3	14.7	0.0	26.6	912.0	9
Wyffels	W7477	VT3P	P250	112	139.8	14.7	0.0	27.9	908.7	10
Channel	212-75VT3P	VT3P	P500,V	112	139.7	15.6	0.3	25.9	906.0	11
Stine	9731VT3Pro*	VT3P	C250	110	138.3	15.0	0.3	28.6	899.0	12
Great Lakes	5939G3VT3	VT3	P500,V	109	137.7	14.0	0.0	28.6	895.1	13
Channel	212-08VT3P	VT3P	P500,V	112	137.2	14.8	0.0	29.2	891.8	14
Lewis	1212VT3P	VT3P	P500,V	112	136.5	15.8	8.3	24.6	884.5	16
Kruger	K-4207	VT2P	P500,V	107	136.3	14.1	0.0	28.6	886.0	15
Lewis	1110VT2P	VT2P	P500,V	110	135.6	14.4	0.0	27.9	881.4	17
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	135.4	16.4	1.3	28.6	875.4	18
Heritage	4640GENVT3P	VT3P	P250	111	134.5	14.4	0.0	27.9	874.3	19
Wyffels	W7147	VT3P	P250	111	134.3	15.7	20.3	27.2	870.6	20
Pioneer	P1018HR GC	HX,RR2	C250	110	134.0	15.8	1.3	27.2	868.3	21
Pfister	2574HXTR	HXT,RR2	C250,AV	110	133.3	15.7	3.0	27.2	864.1	22
LG Seeds	LG2602VT3	VT3	P500,V	112	132.7	15.0	6.7	29.2	862.6	23
Dyna-Gro	D51VP40	VT3P	P250	110	132.5	15.2	3.3	23.2	860.6	24
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	132.4	16.5	24.3	27.2	855.6	25
Augusta	A5560VT3	VT3	P250	110	129.4	14.6	11.3	27.2	841.1	26
Channel	212-17VT3P	VT3P	P500,V	112	129.2	14.6	1.3	27.2	839.8	27
Dairyland	ST-9111SSX	STX	C250	111	128.9	15.7	6.7	26.6	835.6	28
Stone	6022GVT2P	VT2P	P500,V	110	128.0	15.0	0.3	27.9	832.0	29
Kruger	K-7312	VT3P	P500,V	112	127.9	14.7	0.3	25.9	831.4	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	124.0	15.5	6.7	23.9	804.5	40
Test Average =					126.8	15.0	8.6	27.2	823.5	
LSD (0.10) =					22.0	0.6	18.9			
C.V. =					12.8	2.9				



F.I.R.S.T. Manager

TEST COMMENTS: Tom said that a strong storm around August 2nd produced over 2" rain & wind. It green snapped some hybrids reducing their stands almost entirely. Beyond the green snapping, root lodging was also prominent as a lodging score. Plant heights ~10'. Most hybrids' ear development was good. Kernel set and grain quality were very good.

Lat: N38.69196, Long: W-89.04266

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

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

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Report Date: 10/31/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

Tom Beyers, Marion County, IL 62870 [SALEM]

FULL SEASON TEST
113 - 116 Day CRM

B1ILSO16b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hoyleton silty clay loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 7.1 pH, 2.8% OM
 PEST MANAGEMENT: Princep, Atrazine, Roundup PowerMax
 FERTILITY - Applied N: 186 Spring,
 Applied N-P-K (units): 186-92-120

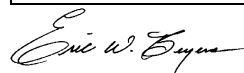
30" ROW SPACING

SEEDED - RATE: Jun 2 28,700 /A
 HARVESTED - STAND: Oct 30 27,500 /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
Lewis	1215VT3P	VT3P	P500,V	115	154.9	16.1	0.0	29.9	1,002.6	1
Stone	6324GVT3P	VT3P	P500,V	113	153.9	15.1	0.0	26.6	1,000.0	2
Kruger	K-7215	VT3P	P500,V	115	153.7	15.4	0.0	27.9	997.5	3
Steyer	11302	VT3P	P250	113	150.7	14.7	0.0	29.2	979.6	4
NK Brand	N74R-3000GT	3000GT	C250	113	147.4	16.5	0.0	27.9	952.6	6
AgriGold	A6573VT3	VT3	P500,V	113	147.2	15.0	2.7	25.9	956.8	5
Great Heart	HT-333VT3*	VT3	P250	113	146.4	16.0	0.0	27.9	947.9	7
Stone	6404GVT3P	VT3P	P500,V	114	145.7	15.9	0.0	25.9	943.8	9
Stone	6502GVT2P	VT2P	P500,V	115	145.7	16.2	0.0	27.2	942.7	10
Wyffels	W7997	VT3P	P250	113	145.5	15.5	0.0	27.9	943.9	8
Dairyland	ST-9414Q	HXT,RR2	C250	114	142.6	16.1	2.7	27.2	923.0	11
Fielders Choice	NG6818	VT3	P250	114	140.8	15.5	0.0	27.9	913.4	12
Kruger	K-7516	VT3P	P500,V	116	140.6	15.6	0.0	28.6	911.8	13
Beck	XL 6626HXR^*	HXT,RR2	P1250,V	114	139.8	16.4	8.7	26.6	903.8	14
Kruger	K-7614	VT3P	P500,V	114	138.9	15.4	0.3	26.6	901.5	15
Dyna-Gro	CX11113*	VT3P	P250	113	137.0	15.0	3.0	26.6	890.5	16
Fielders Choice	NG6882	RR2	P250	116	136.9	16.8	0.3	27.2	883.7	17
Golden Harvest	H-9138 3000GT	3000GT	C250	113	136.4	16.2	0.0	27.9	882.5	19
FS Seeds	FS 63BV1	VT2P	C250	113	135.9	14.7	6.7	27.9	883.4	18
G2 Genetics	5H-013*	HX,RR2	P1250,V	113	135.6	15.9	1.3	28.6	878.3	20
Dyna-Gro	D55VC21	VT2P	P250	115	135.2	15.7	1.7	27.9	876.4	21
Steyer	11404	VT3P	P250	114	135.0	15.8	3.0	27.2	874.8	23
Great Lakes	6530G3VT3	VT3	P500,V	115	134.6	14.8	1.3	28.6	874.9	22
Garst	83M47-GT/CB/LL	GT/CB/LL	C250	115	134.5	14.3	3.3	29.2	874.3	24
Channel	213-32VT3	VT3	P500,V	113	134.5	15.3	0.0	27.2	873.2	25
NuTech	5N-813*	3000GT	C250	113	134.0	15.8	3.0	27.2	868.3	26
Channel	216-63VT3	VT3	P500,V	116	134.0	15.9	0.0	26.6	868.0	28
Channel	214-14VT3P	VT3P	P500,V	114	133.6	15.1	8.3	27.9	868.1	27
Great Lakes	6455G3VT3	VT3	P500,V	114	133.3	15.1	16.3	29.2	866.1	29
AgriGold	A6553VT3	VT3	P500,V	113	133.3	15.5	6.7	26.6	864.8	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	126.8	15.5	0.3	27.2	822.6	39
Test Average =					127.3	15.8	8.3	27.5	824.8	
LSD (0.10) =					19.5	1.0	16.2			
C.V. =					11.4	4.5				



F.I.R.S.T. Manager

TEST COMMENTS: Tom said that a strong storm around August 2nd produced over 2" rain & wind. It green snapped some hybrids reducing their stands almost entirely. Beyond the green snapping, root lodging was also prominent as a lodging score. Plant heights ~10'. Most hybrids' ear development was good. Kernel set and grain quality were very good.

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

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Report Date: 10/31/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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