

2011 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

John (Don) Barttelbort, St. Clair County, IL 62224 [BELLEVILLE]

EARLY SEASON TEST
107 - 112 Day CRM

B1ILSO13a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Bicep II Magnum, Princep, Touchdown, Warrior
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0

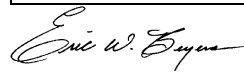
30" ROW SPACING

 SEEDED - RATE: Jun 3 34,000 /A
 HARVESTED - STAND: Nov 2 29,100 /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
Augusta	A5560VT3	VT3	P250	110	202.9	15.5	8.0	29.9	1,316.3	1
Stine	9729VT3Pro*	VT3P	C250	110	201.2	15.6	1.3	29.9	1,304.8	2
Wyffels	W7213	GT/CB/LL	C250	111	199.2	16.1	0.0	30.6	1,289.3	4
Kruger	K-7211	VT3P	P500,V	111	198.8	15.4	8.3	31.9	1,290.2	3
Heritage	4640GENVT3P	VT3P	P250	111	192.8	15.7	8.7	30.5	1,249.8	5
Wyffels	W6871	VT3	P250	110	190.3	15.9	0.7	28.6	1,232.7	6
Channel	212-17VT3P	VT3P	P500,V	112	188.7	15.2	0.0	29.2	1,225.6	7
Stone	6012GVT2P	VT2P	P500,V	110	188.4	15.3	12.3	30.6	1,223.2	8
Pfister	2674HXTR	HXT,RR2	C250,AV	111	186.5	15.4	12.3	28.6	1,210.4	9
Golden Harvest	H-8969 3111	3111	C250	111	186.3	16.2	0.0	27.9	1,205.4	10
Dairyland	ST-9111SSX	STX	C250	111	184.8	16.3	1.7	29.9	1,195.2	11
Channel	212-75VT3P	VT3P	P500,V	112	184.5	15.9	0.0	29.2	1,195.1	12
Stine	9731VT3Pro*	VT3P	C250	110	183.9	15.7	21.3	31.2	1,192.1	13
Steyer	10901	STX	P250	109	183.3	15.3	0.0	28.6	1,190.1	14
Croplan	6286VT3PRO	VT3P	C250	112	183.2	16.3	16.3	29.2	1,184.8	15
Stone	6022GVT2P	VT2P	P500,V	110	182.1	15.5	0.3	28.6	1,181.4	16
NK Brand	N68A-3000GT	3000GT	C250	111	180.6	15.5	11.3	28.6	1,171.6	17
Lewis	1110VT2P	VT2P	P500,V	110	179.6	15.2	1.7	30.6	1,166.5	18
Wyffels	W7147	VT3P	P250	111	179.4	16.1	44.3	29.2	1,161.2	19
AgriGold	A6489VT3	VT3	P500,V	112	178.6	15.5	3.0	29.9	1,158.7	20
Great Lakes	6232G3VT3	VT3	P500,V	112	178.6	16.0	31.3	30.6	1,156.4	22
FS Seeds	FS 58MV4	VT3P	C250	108	178.1	15.0	8.7	28.6	1,157.7	21
Kruger	K4-9710	STX	P500,V	110	177.3	15.8	1.3	29.2	1,148.9	23
Pioneer	P1018HR GC	HX,RR2	C250	110	176.2	15.6	36.3	28.6	1,142.7	24
Stone	6214GVT3P	VT3P	P250	112	175.2	15.7	3.0	30.6	1,135.7	26
FS Seeds	FS 62MV4	VT3P	C250	112	175.1	16.0	1.7	29.9	1,133.8	27
Pfister	2570SS	STX	C250,AV	109	174.9	15.2	0.0	27.2	1,136.0	25
LG Seeds	LG2555VT3	VT3	P500,V	110	174.5	15.7	70.3	27.9	1,131.2	28
Stone	6114GVT3P	VT3P	P500,V	111	174.2	15.6	0.3	26.6	1,129.7	30
NuTech	5N-1004*	3000GT	C250	110	174.0	15.1	10.0	28.6	1,130.6	29
Pioneer	P1184XR CK	HXT,RR2	C250	111	159.5	16.6	4.3	29.2	1,030.4	52
					Test Average =	173.1	15.6	8.9	29.1	1,122.1
					LSD (0.10) =	17.8	0.9	18.6		
					C.V. =	7.6	4.4			



F.I.R.S.T. Manager

TEST COMMENTS: John said that 130-150 bu./acre is a common corn yield for his farm this year. The plot field experienced a wind storm in July that caused some root lodging in numerous hybrids and green snapped a few hybrids. August was dry and hot. Ear development suffered from the heat. Some hybrids grain was moldy and of poor quality. Plant height. ~10-12".

Lat: N38.52073, Long: W-89.86917

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

AgSCI Copyright 2011

Report Date: 11/3/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

John (Don) Barttelbort, St. Clair County, IL 62224 [BELLEVILLE]

FULL SEASON TEST
113 - 116 Day CRM

B1ILSO13b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Bicep II Magnum, Princep, Touchdown, Warrior
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0

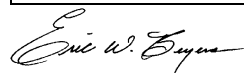
30" ROW SPACING

SEEDED - RATE: Jun 3 34,000 /A
 HARVESTED - STAND: Nov 2 29,300 /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
Great Lakes	6354G3VT3	VT3	P500,V	113	201.5	16.5	34.7	31.9	1,302.2	1
Golden Harvest	H-9138 3000GT	3000GT	C250	113	201.4	17.3	6.7	29.2	1,297.5	2
LG Seeds	LG2636VT3	VT3	P500,V	114	196.3	16.5	5.3	27.2	1,268.6	3
Croplan	6960VT3PRO	VT3P	C250	114	194.6	16.8	3.0	31.9	1,256.1	4
Great Lakes	6455G3VT3	VT3	P500,V	114	193.1	16.3	29.7	29.2	1,248.9	5
Great Heart	HT-333VT3*	VT3	P250	113	192.6	17.6	15.3	30.6	1,239.4	6
Dyna-Gro	D55VC21	VT2P	P250	115	192.2	17.7	15.0	29.2	1,236.3	7
Kruger	K-7516	VT3P	P500,V	116	191.5	16.9	0.0	30.6	1,235.7	8
LG Seeds	LG2620VT3	VT3	P500,V	113	190.7	15.9	33.7	29.2	1,235.3	9
NK Brand	N74R-3000GT	3000GT	C250	113	190.4	16.7	1.3	30.6	1,229.5	11
Great Heart	HT-361-3000GT*	3000GT	C250	113	190.1	17.9	8.3	29.2	1,221.9	12
Stone	6324GVT3P	VT3P	P500,V	113	189.7	15.7	0.3	31.2	1,229.7	10
AgriGold	A6573VT3	VT3	P500,V	113	188.7	16.8	13.3	27.9	1,218.1	13
Wyffels	W8681	VT3	P250	115	188.7	18.6	3.0	27.9	1,209.6	16
AgriGold	A6553VT3	VT3	P500,V	113	187.8	16.9	18.7	30.6	1,211.8	14
AgriGold	A6533VT3	VT3	P500,V	113	187.5	16.5	20.7	30.6	1,211.7	15
Kruger	K-7215	VT3P	P500,V	115	187.2	16.9	1.3	29.2	1,207.9	17
Stone	6404GVT3P	VT3P	P500,V	114	183.1	16.5	0.0	30.6	1,183.3	18
FS Seeds	FS 65BV3	VT3	C250	115	182.8	18.5	3.0	29.2	1,172.2	20
Wyffels	W7997	VT3P	P250	113	182.2	16.7	4.3	29.9	1,176.6	19
Augusta	A7664VT3	VT3	P250	114	181.9	17.8	11.3	27.2	1,169.6	21
Stine	9808VT3Pro*	VT3P	C250	116	181.5	20.3	0.0	29.9	1,155.7	27
Dairyland	ST-9414Q	HXT,RR2	C250	114	181.3	17.3	9.7	28.6	1,168.0	23
NuTech	5V-514*	3111	C250	114	180.7	16.3	0.0	29.9	1,168.7	22
Garst	82K01-3111	3111	C250	116	180.4	18.9	21.3	28.6	1,155.0	28
Channel	214-14VT3P	VT3P	P500,V	114	179.8	16.2	1.3	29.9	1,163.3	24
Steyer	11501	VT3P	P250	115	179.2	17.2	21.7	31.2	1,154.9	29
Dyna-Gro	CX111113*	VT3P	P250	113	178.7	16.0	0.0	28.6	1,157.1	25
Kruger	K-7514	VT3P	P500,V	114	178.7	16.1	0.0	28.6	1,156.6	26
Channel	216-96VT3P	VT3P	P500,V	116	178.5	16.5	0.0	29.9	1,153.6	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	168.6	17.8	3.0	27.9	1,084.1	40
Test Average =					170.0	17.1	10.6	29.3	1,096.1	
LSD (0.10) =					16.9	0.8	19.5			
C.V. =					7.4	3.4				



F.I.R.S.T. Manager

TEST COMMENTS: John said that 130-150 bu./acre is a common corn yield for his farm this year. The plot field experienced a wind storm in July that caused some root lodging in numerous hybrids and green snapped a few hybrids. August was dry and hot. Ear development suffered from the heat. Some hybrids grain was moldy and of poor quality. Plant height. ~10-12".

Lat: N38.52073, Long: W-89.86917

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

AgSCI Copyright 2011

Report Date: 11/3/2011

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	Gauche®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gauche®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent