

2012 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]

Al Johnston, Knox County, IL 61434 [GALVA]

EARLY SEASON TEST
105 - 110 Day CRM

B2ILWC04a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Muscatine silty clay loam, moderately drained, strip-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Force, Roundup, 2,4-D, Harness Xtra, Roundup, Atrazine
 FERTILITY - Applied N: 164 Fall, 0 Spring, 45 Side
 Applied N-P-K (units): 209-66-75

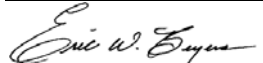
30" ROW SPACING

SEEDED - RATE: May 10 36,600 /A
 HARVESTED - STAND: Sep 24 33,600 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W6871	VT3	AC,P5V	110	242.5	23.7	0	31.9	1,827	1
Stone	6054GVT3P	VT3P	AC,P5V	110	238.3	22.0	0	33.9	1,805	2
Great Lakes	5939G3VT3	VT3	AC,P5V	109	236.6	21.9	0	31.9	1,793	5
Lewis	1310VT3P	VT3P	AC,P5V	110	236.5	21.7	0	34.5	1,793	3
AgriGold	A6458VT3	VT3	AC,P5V	109	236.2	22.0	0	35.2	1,789	6
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	234.7	19.4	0	31.9	1,793	4
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	232.8	19.7	2	33.9	1,777	7
LG Seeds	LG2555VT3	VT3	AC,P5V	110	232.3	22.7	1	33.9	1,756	10
Garst	85E98-3000GT	3000GT	CE,C2	109	231.2	21.7	0	35.2	1,753	11
Stone	5924GVT3P	VT3P	AC,P5V	109	230.9	20.8	1	34.5	1,756	9
Great Lakes	6087VT3PRO	VT3P	AC,P5V	110	230.8	23.3	0	31.9	1,741	14
Croplan	5337VT3PRO	VT3P	AC,P2,Z	104	230.6	19.1	0	32.6	1,764	8
LG Seeds	LG2575VT3Pro	VT3P	AC,P5V	110	229.9	22.3	2	33.9	1,740	15
Great Heart	HT-950VT3P	VT3P	AC,P5V	109	229.4	21.0	0	33.2	1,743	12
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	228.4	19.9	0	31.9	1,742	13
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	228.4	23.3	0	32.6	1,723	17
NK Brand	N63R-3000GT	3000GT	CE,C2	109	227.8	21.6	2	33.2	1,728	16
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	227.7	22.9	1	31.2	1,720	18
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	226.3	24.2	0	34.5	1,702	24
Steyer	11004GENSS	STX	MQ,C2	110	225.5	23.0	0	33.9	1,703	23
Stone	5913VT3	VT3	AC,P5V	109	225.0	22.7	0	35.2	1,700	25
Mycogen	2V707	STX	AVC,C2	110	224.8	23.3	0	34.5	1,696	29
Great Lakes	5884VT3PRO	VT3P	AC,P5V	108	224.7	20.4	0	37.1	1,711	19
Lewis	1308VT3P	VT3P	AC,P5V	109	224.6	20.5	1	32.6	1,710	20
Beck	Beck 5509A3	3000GT	Es	110	224.5	23.3	0	35.2	1,693	31
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	224.0	19.8	5	33.2	1,709	21
LG Seeds	LG2549VT3	VT3	AC,P5V	109	223.8	21.8	0	31.2	1,696	28
FS InVISION	FS 60TV4	VT3P	AC,P2	110	223.7	21.6	0	33.5	1,697	26
Kruger	K-7810	VT3P	AC,P5V	110	222.6	20.1	0	32.6	1,697	27
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	221.8	19.6	3	32.6	1,693	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	224.4	21.4	2	32.5	1,703	22
Test Average =					219.4	21.0	1	33.6	1,667	
LSD (0.10) =					14.7	1.0	4			
C.V. =					4.9	3.5				


 F.I.R.S.T. Manager

TEST COMMENTS: Al was extremely happy with these corn yields. The harvested plant health had about 60% staygreen and made feeding into the cornhead occasionally difficult. Plant heights were 10-12'. Ear development was super with most ears filled to the tip. Ear girth & grain quality were impressive. Some greensnap occurred otherwise, lodging was minimal.

Lat: 41.15489, Long: -90.09677

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.75

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different

2012 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]

Al Johnston, Knox County, IL 61434 [GALVA]

FULL SEASON TEST

111 - 114 Day CRM

B2ILWC04b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Muscatine silty clay loam, moderately drained, strip-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Force, Roundup, 2,4-D, Harness Xtra, Roundup, Atrazine
 FERTILITY - Applied N: 164 Fall, 0 Spring, 45 Side
 Applied N-P-K (units): 209-66-75

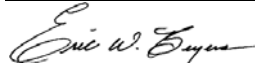
30" ROW SPACING

SEEDED - RATE: May 10 36,600 /A
 HARVESTED - STAND: Sep 24 33,700 /A

TOP 30 OF 79 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6533VT3	VT3	AC,P5V	113	233.6	23.3	0	33.9	1,762	1
LG Seeds	LG2620VT3	VT3	AC,P5V	113	232.6	24.0	0	34.5	1,750	2
Lewis	1215VT3P	VT3P	AC,P5V	115	231.6	24.5	0	33.9	1,740	5
Great Lakes	6354G3VT3	VT3	AC,P5V	113	231.5	23.5	0	33.8	1,745	3
Renk	RK922VT3P	VT3P	AC,P2	114	231.0	24.6	0	35.2	1,735	6
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	230.2	22.4	0	35.8	1,742	4
Lewis	1311VT3P	VT3P	AC,P5V	111	227.5	22.3	0	31.9	1,722	7
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	226.1	27.6	0	32.6	1,681	10
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	225.2	23.9	0	33.2	1,695	8
FS InVISION	FS 63SV4	VT3P	AC,P2	113	225.1	25.7	0	33.9	1,684	9
Wyffels	W6917	VT3P	AC,P5V	111	222.5	25.0	0	33.9	1,669	13
Steyer	11407VT3PRO	VT3P	MQ,C2	114	222.0	25.5	1	32.6	1,662	15
Stone	6404GVT3P	VT3P	AC,P5V	114	221.5	25.4	0	35.2	1,659	16
Dyna-Gro	CX52VP91	VT3P	AC,P5V	112	221.3	21.7	2	35.8	1,678	11
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	221.2	22.3	4	33.2	1,674	12
Steyer	X21151CM	VT3P	MQ,C2	114	220.7	24.6	0	34.5	1,658	17
Kruger	K-7215	VT3P	AC,P5V	114	220.3	24.4	0	31.9	1,656	18
Wyffels	W7057	VT3P	AC,P5V	111	219.8	22.2	0	25.9	1,664	14
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	219.4	26.5	0	35.2	1,637	22
Beck	Phoenix 5552A4^	3111	Es	111	218.7	24.5	0	36.5	1,643	21
AgriGold	A6517VT3Pro	VT3P	AC,P5V	113	217.7	24.2	0	31.9	1,637	23
Croplan	6265VT3PRO	VT3P	AC,P2,Z	112	217.7	27.5	0	35.9	1,619	27
Kruger	K-7911	VT3P	AC,P5V	111	217.6	21.1	1	32.6	1,653	19
Dekalb	DKC61-88 GC	VT3P	AC,P2	111	217.0	23.4	0	34.5	1,636	24
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	216.8	21.8	0	33.9	1,643	20
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	216.8	23.2	8	35.2	1,636	25
Wyffels	W7997	VT3P	AC,P5V	113	216.8	23.9	0	33.2	1,632	26
Pioneer	P1215XR GC	HXT,RR2	MQ,P1V	112	215.8	26.1	0	34.5	1,613	30
Croplan	6926VT3PRO	VT3P	AC,P2,Z	114	215.0	24.7	0	33.9	1,614	28
Great Lakes	6455G3VT3	VT3	AC,P5V	114	214.2	23.8	0	35.2	1,613	29
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	211.1	21.4	3	33.2	1,602	36
Test Average =					210.5	24.5	1	33.7	1,581	
LSD (0.10) =					17.3	1.2	4			
C.V. =					6.1	3.7				


 F.I.R.S.T. Manager

TEST COMMENTS: Al was extremely happy with these corn yields. The harvested plant health had about 60% staygreen and made feeding into the cornhead occasionally difficult. Plant heights were 10-12'. Ear development was super with most ears filled to the tip. Ear girth & grain quality were impressive. Some greensnap occurred otherwise, lodging was minimal.

Lat: 41.15489, Long: -90.09677

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.75

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different



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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.