

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

Dave Diekhoff, Tazewell County, IL 61734 [ DELAVAN ]

**EARLY SEASON TEST**
**105 - 110 Day CRM**

PREV. CROP/HERB: Soybean / Roundup WeatherMax

B2ILWC03a

SOIL DESCRIPTION: Tama/Muscatine silty clay loam, mod. well drained, strip-till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3% OM

PEST MANAGEMENT: Force, Harness Xtra, Roundup, Quadris

30" ROW SPACING

FERTILITY - Applied N: 153 Fall

Applied N-P-K (units): 153-86-74

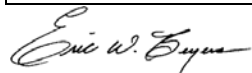
SEEDED - RATE: May 10 36,600 /A

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

HARVESTED - STAND: Sep 29 32,800 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG553VT3Pro	VT3P	AC,P5V	107	<b>190.3</b>	22.7	0	33.2	1,438	1
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	<b>179.5</b>	23.1	0	33.2	1,355	2
LG Seeds	LG255VT3	VT3	AC,P5V	110	<b>178.4</b>	30.2	0	31.2	1,315	4
Beck	XL 5475AMX^	AMX,RR2	Es	108	<b>176.8</b>	22.3	0	30.2	1,338	3
Mycogen	2V707	STX	AVC,C2	110	<b>173.7</b>	27.7	0	32.5	1,291	6
Great Lakes	6087VT3PRO	VT3P	AC,P5V	110	<b>172.7</b>	30.0	0	35.2	1,274	8
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	172.2	30.3	0	33.9	1,269	10
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	171.8	22.4	0	33.2	1,300	5
Pfister	2574SS	STX	AVC,C2	110	170.3	28.6	1	34.5	1,262	11
LG Seeds	LG2575VT3Pro	VT3P	AC,P5V	110	169.9	29.4	0	33.2	1,256	12
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	169.6	23.6	2	33.2	1,278	7
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	168.0	22.8	0	33.9	1,269	9
FS InVISION	FS 59SV4	VT3P	AC,P2	109	166.7	27.6	0	31.2	1,239	15
Stone	5913VT3	VT3	AC,P5V	109	166.6	27.7	0	35.8	1,238	16
Great Lakes	5884VT3PRO	VT3P	AC,P5V	108	166.3	24.9	0	32.6	1,248	14
Great Lakes	5939G3VT3	VT3	AC,P5V	109	165.7	27.7	0	29.2	1,232	17
Pfister	2660GT	3000GT	AVC,C2	110	165.6	27.8	0	33.9	1,230	18
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	165.4	22.8	0	34.5	1,250	13
AgriGold	A6458VT3	VT3	AC,P5V	109	164.7	27.8	0	33.2	1,224	20
Lewis	1308VT3P	VT3P	AC,P5V	109	163.2	26.8	0	33.9	1,217	21
Kruger	K-7306	VT3P	AC,P5V	106	163.1	24.1	0	31.9	1,227	19
Mycogen	2G685	3000GT	AVC,C5	110	160.3	27.6	0	33.9	1,192	22
Great Heart	HT-950VT3P	VT3P	AC,P5V	109	159.8	27.7	0	33.9	1,188	23
Kruger	K4R-9710	STX-R	AC,P5V	110	158.5	30.8	0	33.5	1,166	27
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	158.1	28.1	0	34.5	1,174	26
LG Seeds	LG2549VT3	VT3	AC,P5V	109	157.1	29.0	0	32.5	1,163	28
Stine	9529VT3Pro	VT3P	AC,P2	107	156.6	23.6	0	31.9	1,180	25
Dyna-Gro	CX48VP76	VT3P	AC,P5V	108	155.4	25.9	0	31.9	1,162	29
Pioneer	35K01 GC	RR2	CE,C2	106	155.1	20.4	23	32.6	1,181	24
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	154.7	29.2	0	31.6	1,144	30
<b>Pioneer</b>	<b>P1018HR CK</b>	<b>HX,RR2</b>	<b>MQ,C2</b>	<b>110</b>	<b>140.2</b>	<b>28.1</b>	<b>3</b>	<b>32.2</b>	<b>1,041</b>	<b>47</b>
Test Average =					<b>152.0</b>	<b>25.9</b>	<b>1</b>	<b>32.8</b>	<b>1,136</b>	
LSD (0.10) =					21.5	1.0	3			
C.V. =					10.4	2.8				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Dave's earlier planted corn around the trials yielded 175 bpa. The trials had tremendous yields ranging from 66 to 196 bpa in single strips. Some hybrids embraced the heat/drought, others did not. Good yielding hybrid ear girth was large with up to 0.5" kernel depth. Plant height ranged from 7 to 8 feet. Lodging scores reflect roots. Grain quality was fair to good.*

Lat: 40.37683, Long: -89.20338

Yield &amp; 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

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

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Report Date: 10/1/2012

Revised:

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

Dave Diekhoff, Tazewell County, IL 61734 [ DELAVAN ]

**FULL SEASON TEST**
**111 - 114 Day CRM**

B2ILWC03b

PREV. CROP/HERB: Soybean / Roundup WeatherMax

SOIL DESCRIPTION: Tama/Muscatine silty clay loam, mod. well drained, strip-till, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3% OM

PEST MANAGEMENT: Force, Harness Xtra, Roundup, Quadris

30" ROW SPACING

FERTILITY - Applied N: 153 Fall

Applied N-P-K (units): 153-86-74

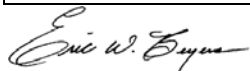
SEEDED - RATE: May 10 36,600 /A

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

HARVESTED - STAND: Sep 29 33,200 /A

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	6354G3VT3	VT3	AC,P5V	113	175.0	28.3	0	32.9	1,298	1
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	172.4	26.1	0	27.9	1,288	2
FS InVISION	FS 63SV4	VT3P	AC,P2	113	169.9	31.3	0	34.8	1,247	4
Kruger	K-7215	VT3P	AC,P5V	114	169.3	28.2	0	36.8	1,257	3
Dyna-Gro	CX52VP91	VT3P	AC,P5V	112	167.9	29.5	0	31.9	1,241	5
LG Seeds	LG2620VT3	VT3	AC,P5V	113	162.6	29.1	0	32.9	1,203	8
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	162.1	24.9	0	30.9	1,216	6
Wyffels	W7057	VT3P	AC,P5V	111	160.8	25.8	1	27.9	1,203	7
Steyer	11407VT3PRO	VT3P	MQ,C2	114	160.2	30.7	0	32.9	1,179	9
Pioneer	P1215XR GC	HXT,RR2	MQ,P1V	112	160.1	31.5	2	34.8	1,175	10
Great Lakes	6455G3VT3	VT3	AC,P5V	114	159.4	31.7	1	33.9	1,169	13
FS InVISION	FS 64JV4	VT3P	AC,P2	114	158.3	31.1	0	35.8	1,163	14
Dyna-Gro	D53VP61	VT3P	AC,P2	113	158.1	29.0	0	31.9	1,170	11
Stone	6434GVT3P	VT3P	AC,P5V	114	157.8	32.7	0	31.9	1,153	15
Mycogen	2V715	HXT,RR2	AVC,C2	111	156.6	26.3	0	30.9	1,169	12
Golden Harvest	H-9319 3111	3111	MQ,C2	113	155.4	32.4	0	26.9	1,137	18
Dairyland	DS9111SSX	STX	AVC,C2	111	155.4	28.3	0	31.9	1,153	16
Pfister	2672HR	HX,RR2	AC,P2	111	154.5	30.1	0	32.9	1,139	17
AgriGold	A6533VT3	VT3	AC,P5V	113	154.2	30.1	0	34.8	1,137	19
Dairyland	DS9414Q	HXT,RR2	AVC,C2	114	153.0	31.7	0	34.8	1,122	23
Croplan	6640VT3PRO	VT3P	AC,P2,Z	113	152.7	29.9	0	34.8	1,127	20
Garst	84J11-4011	4011	CE,C2	112	152.6	30.4	0	32.9	1,124	22
Steyer	X21151CM	VT3P	MQ,C2	114	152.0	31.4	0	29.4	1,116	25
Lewis	1215VT3P	VT3P	AC,P5V	115	151.2	28.5	0	33.9	1,121	24
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	149.7	24.6	0	30.9	1,124	21
Croplan	6926VT3PRO	VT3P	AC,P2,Z	114	149.1	32.2	0	34.8	1,092	27
Renk	RK858VT3P	VT3P	AC,P2	113	148.6	33.9	0	33.9	1,082	30
Wyffels	W6917	VT3P	AC,P5V	111	147.9	29.0	0	33.9	1,095	26
Stine	9733VT3Pro	VT3P	AC,P2	113	147.3	29.4	0	29.9	1,089	29
Stone	6314GVT3P	VT3P	AC,P5V	112	146.9	28.0	0	33.9	1,090	28
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	125.3	27.7	18	35.8	931	63
Test Average =					140.0	29.9	1	33.2	1,033	
LSD (0.10) =					25.2	1.6	7			
C.V. =					10.9	3.3				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Dave's earlier planted corn around the trials yielded 175 bpa. The trials had tremendous yields ranging from 66 to 196 bpa in single strips. Some hybrids embraced the heat/drought, others did not. Good yielding hybrid ear girth was large with up to 0.5" kernel depth. Plant height ranged from 7 to 8 feet. Lodging scores reflect roots. Grain quality was fair to good.* Lat: 40.37683, Long: -89.20338

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Report Date: 10/1/2012

Revised:



**2012 IMAGES from Illinois West Central [ ILWC ] Better Hybrids Location - DELAVAN**



**IMAGE COMMENTS:** *Take a look at two scenarios in the photos to see ear development comparisons close-up. Notice the lack of kernels at the base of ears on the poor hybrid (middle row above). The high yielding hybrids were filled with kernels bast to tip of girthy ears (bottom row above).*

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## 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. VPMaXX® 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®, VPMaXX® 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® - sulfonyleurea 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

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