

**2011 BETTER HYBRIDS Harvest Report for Illinois North [ ILNO ]**

Randy Faber, Lee County, IL 61367 [ SUBLETTE ]

**EARLY SEASON TEST**
**106 - 109 Day CRM**

B11LNO17a

PREV. CROP/HERB: Corn, 2+ yr / Lumax  
 SOIL DESCRIPTION: Muscatine/St. Charles silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.4 pH, 2.5% OM  
 PEST MANAGEMENT: Force, Laudis, Atrazine, Quilt  
 FERTILITY - Applied N: 36 Fall, 80 Spring, 20 Planter, 70 Sidedress,  
 Applied N-P-K (units): 206-92-120

30" ROW SPACING

SEEDED - RATE: May 2 37,500 /A  
 HARVESTED - STAND: Oct 1 35,300 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Channel	210-61VT3	VT3	P500,V	110	<b>248.7</b>	34.5	29.3	36.2	1,346.7	2	
Stine	9531VT3Pro*	VT3P	C250	107	<b>244.7</b>	27.2	1.0	36.2	1,378.6	1	
Channel	209-77VT3	VT3	P500,V	109	<b>237.3</b>	28.1	35.0	36.2	1,330.5	3	
Stine	9529VT3Pro*	VT3P	C250	106	<b>235.5</b>	27.9	2.0	34.4	1,321.9	4	
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	<b>235.1</b>	31.8	7.0	34.4	1,292.1	6	
Cornelius	C582VT3P	VT3P	C250	109	<b>233.5</b>	30.2	9.0	34.4	1,294.5	5	
Steyer	10903	VT3P	P250	109	<b>232.7</b>	30.6	2.0	32.5	1,287.3	7	
Steyer	10603	STX	P250	106	<b>231.3</b>	30.7	2.0	38.1	1,278.9	10	
Kruger	K4-9209	STX	P500,V	109	<b>230.6</b>	29.0	11.7	36.2	1,286.7	8	
Stone	5714GVT3P	VT3P	P500,V	107	229.6	29.7	7.3	36.2	1,276.3	11	
AgriGold	A6458VT3	VT3	P500,V	109	229.0	30.8	44.3	37.2	1,265.5	13	
LG Seeds	LG2549VT3	VT3	P500,V	109	228.5	32.2	33.7	37.1	1,253.1	18	
Heritage	4602VT3	VT3	P250	109	227.5	27.6	11.7	37.1	1,279.0	9	
FS Seeds	FS 58MV4	VT3P	C250	108	227.2	31.0	1.0	37.2	1,254.1	16	
Heritage	8610GENSS	STX	P250	109	227.0	29.8	1.0	36.2	1,261.2	14	
Cornelius	C594VT3P	VT3P	P250	109	226.8	31.1	13.7	36.2	1,251.3	19	
YIELDirect	5L17-VT3P GC	VT3P	P500,V	109	226.8	31.1	17.0	37.1	1,251.3	20	
G2 Genetics	5H-0701^	HX,RR2	C250	106	226.0	27.1	25.7	36.2	1,274.0	12	
Great Lakes	5643VT3PRO	VT3P	P500,V	106	225.4	29.4	9.7	37.1	1,255.0	15	
FS Seeds	FS 56TV4	VT3P	C250	106	224.3	31.3	3.0	36.2	1,236.1	22	
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	222.8	27.5	14.0	37.1	1,253.3	17	
Croplan	5757VT3	VT3	C250	106	221.6	27.8	14.0	36.2	1,244.5	21	
Channel	209-85VT3P	VT3P	P500,V	109	221.0	29.5	31.0	33.5	1,229.9	23	
YIELDirect	4L48-GENSS	STX	C250	107	220.8	30.1	2.0	29.7	1,224.8	24	
Croplan	6125VT3	VT3	C250	109	220.6	31.2	2.0	33.5	1,216.4	26	
Renk	RK741VT3P	VT3P	P250	108	219.7	30.3	1.0	37.1	1,217.4	25	
Trelay	7VP164	VT3P	P500,V	108	219.6	31.3	2.0	36.2	1,210.2	27	
Phoenix	5385A3*	3000GT	P1250,V	108	217.5	29.6	44.0	36.2	1,209.7	28	
Renk	RK818VT3P	VT3P	P250	108	215.1	28.6	22.0	35.3	1,202.8	30	
Kruger	K4-9607	STX	P500,V	107	214.9	28.1	2.0	35.3	1,204.9	29	
Pioneer	P0916XR CK	HXT,RR2	C250	109	215.1	31.7	53.7	36.2	1,182.8	33	
					Test Average =	<b>213.2</b>	<b>30.3</b>	<b>17.0</b>	<b>35.3</b>	<b>1,181.7</b>	
					LSD (0.10) =	16.7	2.1	21.2			
					C.V. =	5.8	5.2				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Stalk quality at this location was rapidly deteriorating on the earlier hybrids. Over 75% of the lodging that you see is from root lodging, caused by high winds during July. Evidence of Goss's Wilt was present on some hybrids, which is consistent with reports in the area. The full season test will be harvested at a later date (moistures too high).*

Lat: N41.61424, Long: W-89.18954

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.00

<sup>†</sup> 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

<sup>††</sup> IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 q 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](http://www.firstseedtests.com)

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Report Date: 10/2/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Illinois North [ ILNO ]**

Randy Faber, Lee County, IL 61367 [ SUBLETTE ]

**FULL SEASON TEST**
**110 - 113 Day CRM**

B1ILNO17b

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 SOIL DESCRIPTION: Muscatine/St. Charles silty clay loam, well drained, conventional w/ fall till, non-irrigated  
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 PEST MANAGEMENT: Force, Laudis, Atrazine, Quilt  
 FERTILITY - Applied N: 36 Fall, 80 Spring, 20 Planter, 70 Sidedress,  
 Applied N-P-K (units): 206-92-120

30" ROW SPACING

SEEDED - RATE: May 2 37,500 /A  
 HARVESTED - STAND: Oct 9 35,700 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	211-99VT3P	VT3P	P500,V	111	<b>247.0</b>	23.9	13.7	35.3	1,416.1	1
Dekalb	DKC62-97 GC	VT3P	P250	112	<b>242.6</b>	24.9	10.0	34.4	1,383.5	2
NK Brand	N74R-3000GT	3000GT	C250	113	<b>232.2</b>	28.2	13.7	34.4	1,301.2	5
FS Seeds	FS 60TV4	VT3P	C250	110	<b>231.1</b>	22.2	7.0	38.1	1,336.7	3
Renk	RK858VT3P	VT3P	P250	112	<b>228.9</b>	23.9	6.0	37.1	1,312.3	4
Steyer	11204	VT3P	P250	112	<b>226.8</b>	25.4	11.7	39.0	1,290.0	7
Phoenix	5552A4*	3111	P1250,V	110	<b>225.8</b>	27.4	1.0	33.5	1,270.8	14
Channel	212-08VT3P	VT3P	P500,V	112	<b>225.7</b>	23.5	22.0	39.0	1,296.6	6
AgriGold	A6553VT3	VT3	P500,V	113	<b>225.6</b>	28.4	20.7	36.2	1,262.9	17
Dyna-Gro	57V40	VT3	P250	110	<b>223.6</b>	25.2	6.3	35.3	1,273.2	12
Pfister	2570SS	STX	C250,AV	109	<b>223.3</b>	23.3	25.0	31.6	1,284.2	8
FS Seeds	FS 62MV4	VT3P	C250	112	<b>223.0</b>	24.2	14.0	38.1	1,276.5	10
Dekalb	DKC63-84 GC	VT3	P250	113	222.5	23.6	36.7	37.2	1,277.6	9
AgriGold	A6533VT3	VT3	P500,V	113	222.3	25.5	33.7	37.1	1,263.8	15
Great Lakes	6354G3VT3	VT3	P500,V	113	222.1	24.0	10.0	33.5	1,272.6	13
Renk	RK880SSTX	STX	P250	112	221.8	25.2	10.0	36.2	1,262.9	18
Trelay	8VP118	VT3P	P500,V	113	221.7	25.0	1.0	35.3	1,263.7	16
Channel	210-57STX	STX	P500,V	110	221.6	25.1	15.3	37.1	1,262.5	19
NuTech	5B-1003*	GT/CB/LL	C250	110	221.2	23.0	6.0	36.2	1,274.1	11
LG Seeds	LG2620VT3	VT3	P500,V	113	218.1	25.5	7.3	32.5	1,239.9	21
NK Brand	N68A-3000GT	3000GT	C250	111	217.3	23.5	22.0	36.2	1,248.4	20
Dairyland	ST-9210SSX	STX	C250	110	215.9	25.2	1.0	38.1	1,229.3	23
Phoenix	5642A4*	3111	P1250,V	111	215.9	26.3	35.7	37.1	1,222.2	25
FS Seeds	FS 61BX1	STX	C250	111	215.6	24.4	12.7	35.3	1,232.8	22
G2 Genetics	5H-013*	HX,RR2	P1250,V	113	213.9	24.5	27.0	37.1	1,222.4	24
Stone	6314GVT3P	VT3P	P500,V	113	213.6	27.3	4.7	34.4	1,202.8	31
Stone	6128GSS	STX	P500,V	111	212.1	23.2	1.0	35.3	1,220.4	26
Stone	6234GVT3P	VT3P	P500,V	112	211.7	24.1	2.0	35.3	1,212.4	30
AgriGold	A6476VT3Pro GC	VT3P	P500,V	110	211.0	23.2	20.7	39.0	1,214.1	29
Steyer	11003	VT3P	P250	110	210.9	23.1	9.0	35.3	1,214.2	28
Pioneer	P0916XR CK	HXT,RR2	C250	109	209.1	21.4	12.7	34.4	1,214.5	27
Test Average =					<b>208.2</b>	<b>25.1</b>	<b>17.7</b>	<b>35.7</b>	<b>1,185.9</b>	
LSD (0.10) =					14.6	2.2	24.3			
C.V. =					5.2	6.6				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Stalk quality at this location was rapidly deteriorating on the earlier hybrids. Over 75% of the lodging that you see is from root lodging, caused by high winds during July. Evidence of Goss's Wilt was present on some hybrids, which is consistent with reports in the area. The full season test will be harvested at a later date (moistures too high).*

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## 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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