

2011 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Alan Dale, Bureau County, IL 61376 [WALNUT]

EARLY SEASON TEST
106 - 109 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Surestart, Impact
 SOIL DESCRIPTION: Waukegan silt loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Force, Lexar, Impact, Atrazine
 FERTILITY - Applied N: 164 Fall,
 Applied N-P-K (units): 164-55-65

B11LNO18a

30" ROW SPACING

SEEDED - RATE: May 3 37,500 /A
 HARVESTED - STAND: Oct 17 36,800 /A

TOP 30 OF 63 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	
Steyer	10603	STX	P250	106	242.7	19.3	1.0	37.2	1,424.9	1	
Pioneer	35K04	HXT,RR2	C250	106	241.8	19.3	1.0	38.1	1,419.6	2	
Croplan	6125VT3	VT3	C250	109	239.6	19.1	1.0	33.5	1,408.1	3	
AgriGold	A6458VT3	VT3	P500,V	109	238.9	19.6	1.0	38.1	1,400.4	5	
G2 Genetics	5H-0701^	HX,RR2	C250	106	238.2	18.6	1.0	36.2	1,403.5	4	
Stine	9531VT3Pro*	VT3P	C250	107	238.2	19.5	1.0	35.3	1,397.0	6	
Stone	5714GVT3P	VT3P	P500,V	107	236.7	18.4	1.0	35.3	1,396.1	7	
Renk	RK795VT3P	VT3P	P250	109	236.4	19.4	1.0	38.1	1,387.2	9	
AgriGold	A6384VT3Pro	VT3P	P500,V	106	236.0	18.7	1.0	37.2	1,389.8	8	
Channel	210-61VT3	VT3	P500,V	110	234.8	20.0	4.7	33.4	1,373.6	10	
Bo-Jac	9294	HXT	C250	106	233.7	19.7	1.0	35.3	1,369.2	12	
YIELDirect	4L48-GENSS	STX	C250	107	232.9	18.6	1.0	39.9	1,372.2	11	
Steyer	10903	VT3P	P250	109	232.7	20.2	1.0	34.4	1,359.9	14	
Channel	209-77VT3	VT3	P500,V	109	232.0	19.4	9.0	37.1	1,361.4	13	
Cornelius	C547VT3	VT3	C250	107	230.8	18.9	1.0	38.1	1,357.8	15	
Great Lakes	5939G3VT3	VT3	P500,V	109	230.4	19.4	1.0	37.1	1,352.0	17	
Heritage	4602VT3	VT3	P250	109	229.7	18.7	2.0	40.0	1,352.7	16	
Kruger	K-7907	VT3P	P500,V	107	229.3	18.6	1.0	36.2	1,351.0	18	
Renk	RK741VT3P	VT3P	P250	108	226.6	18.2	1.0	39.0	1,337.8	20	
Renk	RK744VT3P	VT3P	P250	107	224.9	19.0	1.0	39.0	1,322.4	21	
LG Seeds	LG2549VT3	VT3	P500,V	109	224.1	19.6	10.0	37.1	1,313.7	22	
AgriGold	A6473STX	STX	P500,V	109	222.7	19.6	1.0	35.3	1,305.5	24	
Renk	RK818VT3P	VT3P	P250	108	222.6	20.4	1.0	38.1	1,299.5	26	
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	222.2	18.4	1.0	37.1	1,310.5	23	
Jung	7V635	VT3P	P500	107	221.4	18.8	9.0	36.2	1,303.2	25	
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	219.2	18.5	2.0	32.5	1,292.2	27	
LG Seeds	LG2535STX	STX	P500,V	106	219.2	19.0	1.0	35.3	1,288.9	28	
Garst	85E98-3000GT	3000GT	C250	109	219.1	19.1	6.0	38.1	1,287.7	29	
Channel	209-85VT3P	VT3P	P500,V	109	218.9	19.2	6.0	36.2	1,285.8	30	
Phoenix	5385A3^*	3000GT	P1250,V	108	218.9	19.3	1.0	37.2	1,285.2	31	
Pioneer	P0916XR CK	HXT,RR2	C250	109	229.4	19.4	1.0	34.4	1,346.1	19	
					Test Average =	218.6	19.1	2.9	36.8	1,284.9	
					LSD (0.10) =	18.4	0.5	10.7			
					C.V. =	6.2	2.0				



F.I.R.S.T. Manager

TEST COMMENTS: *One of the first plots that we harvested in the area that was actually standing really good. Yields were surprisingly good for the short amount of rainfall that this location received. There was very little evidence of any disease pressure at the time of harvest. Ear retention on some hybrids was weak, but still able to keep the ears in the head.*

Lat: N41.51754, Long: W-89.71973

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

[†] 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: 10/19/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Alan Dale, Bureau County, IL 61376 [WALNUT]

FULL SEASON TEST
110 - 113 Day CRM

B1ILNO18b

PREV. CROP/HERB: Corn, 2+ yr / Surestart, Impact
 SOIL DESCRIPTION: Waukegan silt loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Force, Lexar, Impact, Atrazine
 FERTILITY - Applied N: 164 Fall,
 Applied N-P-K (units): 164-55-65

30" ROW SPACING

SEEDED - RATE: May 3 37,500 /A
 HARVESTED - STAND: Oct 17 37,100 /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	
Renk	RK858VT3P	VT3P	P250	112	245.0	19.9	2.0	39.0	1,434.0	1	
Kruger	K-7211	VT3P	P500,V	111	244.0	19.7	2.0	36.2	1,429.6	2	
AgriGold	A6553VT3	VT3	P500,V	113	243.9	21.1	1.0	36.2	1,418.8	4	
LG Seeds	LG2620VT3	VT3	P500,V	113	243.3	20.8	6.3	38.1	1,417.5	5	
Golden Harvest	H-8969 3111	3111	C250	111	243.2	20.0	3.7	33.4	1,422.7	3	
Steyer	11204	VT3P	P250	112	240.1	20.2	1.0	36.2	1,403.1	7	
Channel	212-17VT3P	VT3P	P500,V	112	240.0	19.9	1.0	38.1	1,404.7	6	
AgriGold	A6573VT3	VT3	P500,V	113	238.2	21.3	12.0	39.9	1,384.2	13	
FS Seeds	FS 62MV4	VT3P	C250	112	238.0	19.3	1.0	38.1	1,397.3	8	
FS Seeds	FS 61BX1	STX	C250	111	237.7	20.3	2.0	37.1	1,388.4	10	
Trelay	7ST637	STX	P500,V	110	237.6	19.5	1.0	38.1	1,393.5	9	
Dairyland	ST-9111SSX	STX	C250	111	236.7	20.0	4.7	38.1	1,384.7	12	
FS Seeds	FS 60TV4	VT3P	C250	110	236.1	19.3	1.0	39.0	1,386.1	11	
Trelay	8VP118	VT3P	P500,V	113	235.9	20.0	1.0	37.1	1,380.0	14	
NK Brand	N74R-3000GT	3000GT	C250	113	235.9	21.2	1.0	35.3	1,371.5	21	
Great Lakes	6354G3VT3	VT3	P500,V	113	235.5	20.3	1.0	38.1	1,375.6	18	
Phoenix	5552A4*	3111	P1250,V	110	235.4	20.0	1.0	36.3	1,377.1	16	
Trelay	7VP855	VT3P	P500,V	112	235.0	19.3	1.0	40.9	1,379.7	15	
Channel	210-57STX	STX	P500,V	110	234.6	19.6	1.0	39.0	1,375.2	19	
Stone	6234GVT3P	VT3P	P500,V	112	234.2	19.1	2.0	39.0	1,376.4	17	
NuTech	5B-1003*	GT/CB/LL	C250	110	234.0	19.2	1.0	39.0	1,374.5	20	
Heritage	4636GENVT3P	VT3P	P250	110	233.5	20.4	1.0	36.2	1,363.2	23	
Dekalb	DKC63-84 GC	VT3	P250	113	233.4	19.3	2.0	37.1	1,370.3	22	
Stine	9731VT3Pro*	VT3P	C250	110	231.5	20.1	1.0	37.1	1,353.6	24	
Kruger	K-7713	VT3P	P500,V	113	231.1	20.3	1.0	36.2	1,349.9	29	
Pfister	2574HXTR	HXT,RR2	C250,AV	110	230.6	19.5	2.0	37.2	1,352.5	26	
Channel	212-08VT3P	VT3P	P500,V	112	230.6	19.6	2.0	37.1	1,351.8	28	
Kruger	K4-9710	STX	P500,V	110	230.4	19.3	1.0	37.1	1,352.7	25	
Kruger	K-7312	VT3P	P500,V	112	230.3	19.3	1.0	34.4	1,352.1	27	
AgriGold	A6476VT3Pro GC	VT3P	P500,V	110	229.0	19.6	2.0	38.1	1,342.4	30	
Pioneer	P0916XR CK	HXT,RR2	C250	109	228.3	19.7	1.0	39.0	1,337.6	32	
					Test Average =	223.2	19.8	4.2	37.1	1,307.1	
					LSD (0.10) =	20.4	0.8	9.9			
					C.V. =	6.8	3.1				

TEST COMMENTS: *One of the first plots that we harvested in the area that was actually standing really good. Yields were surprisingly good for the short amount of rainfall that this location received. There was very little evidence of any disease pressure at the time of harvest. Ear retention on some hybrids was weak, but still able to keep the ears in the head.*

Lat: N41.51754, Long: W-89.71973

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

[†] 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: 10/19/2011

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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, 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