

2011 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Steve Drendel, DeKalb County, IL 60150 [MALTA]

EARLY SEASON TEST
106 - 109 Day CRM

B11LNO14a

 PREV. CROP/HERB: Corn, 2+ yr / Lumax, NorthStar
 SOIL DESCRIPTION: Flanagan silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.2 pH, 4% OM
 PEST MANAGEMENT: Force, Lexar, Laudis, Quilt XL
 FERTILITY - Applied N: 190 Fall, 60 Spring,
 Applied N-P-K (units): 250-0-0

30" ROW SPACING

 SEEDED - RATE: May 6 35,100 /A
 HARVESTED - STAND: Oct 27 35,500 /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	
Great Lakes	5939G3VT3	VT3	P500,V	109	223.8	20.1	2.0	34.4	1,308.6	1	
FS Seeds	FS 58MV4	VT3P	C250	108	222.2	19.9	1.0	38.1	1,300.5	2	
Croplan	5757VT3	VT3	C250	106	213.6	19.2	2.0	34.4	1,254.7	3	
Stine	9531VT3Pro*	VT3P	C250	107	210.4	19.6	3.7	38.1	1,233.4	5	
LG Seeds	LG2549VT3	VT3	P500,V	109	209.8	20.0	1.0	39.0	1,227.3	6	
Great Lakes	5643VT3PRO	VT3P	P500,V	106	209.1	18.0	2.0	36.2	1,235.8	4	
Golden Harvest	H-8577 3000GT	3000GT	C250	107	208.4	20.0	4.0	35.3	1,219.1	9	
Channel	209-77VT3	VT3	P500,V	109	207.9	19.5	4.7	33.5	1,219.3	8	
Kruger	K4-9209	STX	P500,V	109	207.5	19.4	11.7	34.4	1,217.6	10	
Bo-Jac	9294	HXT	C250	106	206.8	19.3	1.0	36.2	1,214.1	11	
Cornelius	C594VT3P	VT3P	P250	109	204.6	18.6	3.7	37.2	1,205.5	12	
AgriGold	A6458VT3	VT3	P500,V	109	203.9	18.6	1.0	38.1	1,201.4	13	
YIELDirect	4L48-GENSS	STX	C250	107	203.9	19.3	1.0	37.1	1,197.1	15	
AgriGold	A6473STX	STX	P500,V	109	203.7	19.1	2.0	33.5	1,197.1	16	
G2 Genetics	5X-908^*	HXT,RR2	C250	108	203.5	19.9	1.0	32.6	1,191.1	18	
G2 Genetics	5H-0701^	HX,RR2	C250	106	203.4	19.0	1.0	35.3	1,196.0	17	
Channel	210-61VT3	VT3	P500,V	110	203.1	20.0	9.0	38.1	1,188.1	20	
Jung	7S681	STX	P500	108	202.7	17.8	3.0	36.2	1,199.2	14	
Pioneer	35K04	HXT,RR2	C250	106	202.6	19.1	1.0	36.2	1,190.7	19	
Croplan	5891VT3	VT3	C250	107	201.6	19.3	3.7	34.4	1,183.6	23	
Steyer	10603	STX	P250	106	201.6	20.5	1.0	32.5	1,176.3	25	
Croplan	6125VT3	VT3	C250	109	201.4	18.7	2.0	34.4	1,186.0	21	
Great Lakes	5770VT3PRO	VT3P	P500,V	107	201.3	19.3	1.0	34.4	1,181.8	24	
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	200.3	17.7	1.0	35.3	1,185.6	22	
YIELDirect	5L17-VT3P GC	VT3P	P500,V	109	200.2	20.2	2.0	34.4	1,170.0	27	
Renk	RK741VT3P	VT3P	P250	108	200.1	20.4	1.0	34.4	1,168.2	29	
FS Seeds	FS 56TV4	VT3P	C250	106	199.7	19.5	1.0	35.3	1,171.2	26	
Dairyland	ST-9308SSX	STX	C500,AV	108	198.9	19.0	1.0	36.2	1,169.5	28	
Heritage	8610GENSS	STX	P250	109	197.3	19.1	3.7	36.2	1,159.5	30	
Trelay	7VP164	VT3P	P500,V	108	196.3	18.7	1.0	36.2	1,156.0	31	
Pioneer	P0916XR CK	HXT,RR2	C250	109	209.0	19.5	3.7	31.6	1,225.8	7	
					Test Average =	192.3	19.1	4.4	35.5	1,129.7	
					LSD (0.10) =	17.6	0.8	9.8			
					C.V. =	6.8	3.2				



F.I.R.S.T. Manager

TEST COMMENTS: *This location started out good with timely emergence, that was nice and even. During mid season, I did find small amounts of Goss's wilt on a few hybrids. Overall stalk quality was still good even at this later harvest date. Most lodging that you see is from root lodging and goose necking from earlier wind storms.*

Lat: N41.8451, Long: W-88.88662

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: 10/28/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Steve Drendel, DeKalb County, IL 60150 [MALTA]

FULL SEASON TEST
110 - 113 Day CRM

B1ILNO14b

PREV. CROP/HERB: Corn, 2+ yr / Lumax, NorthStar
 SOIL DESCRIPTION: Flanagan silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4% OM
 PEST MANAGEMENT: Force, Lexar, Laudis, Quilt XL
 FERTILITY - Applied N: 190 Fall, 60 Spring,
 Applied N-P-K (units): 250-0-0

30" ROW SPACING

SEEDED - RATE: May 6 35,100 /A
 HARVESTED - STAND: Oct 27 35,800 /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
AgriGold	A6573VT3	VT3	P500,V	113	227.0	21.3	16.3	37.1	1,319.1	1
LG Seeds	LG2602VT3	VT3	P500,V	112	225.5	21.0	8.0	38.1	1,312.4	2
Great Lakes	6232G3VT3	VT3	P500,V	112	221.5	21.2	7.3	39.0	1,287.8	3
LG Seeds	LG2555VT3	VT3	P500,V	110	218.1	20.4	8.0	38.1	1,273.3	4
LG Seeds	LG2620VT3	VT3	P500,V	113	217.1	21.4	5.7	33.4	1,260.9	5
AgriGold	A6553VT3	VT3	P500,V	113	214.6	21.1	9.0	38.1	1,248.3	6
AgriGold	A6533VT3	VT3	P500,V	113	211.7	21.7	3.7	38.1	1,227.6	8
Great Lakes	6354G3VT3	VT3	P500,V	113	211.0	21.2	3.0	34.4	1,226.8	9
Dyna-Gro	57V40	VT3	P250	110	210.2	20.3	5.7	37.1	1,227.8	7
Golden Harvest	H-8969 3111	3111	C250	111	209.2	20.0	12.7	36.2	1,223.8	10
Trelay	7ST637	STX	P500,V	110	205.3	19.7	12.7	38.1	1,202.9	12
Steyer	11002	3000GT	C250	110	203.7	20.5	7.0	33.4	1,188.6	13
NK Brand	N68A-3000GT	3000GT	C250	111	202.0	20.8	3.0	37.1	1,176.9	14
Garst	83F08-3000GT	3000GT	C250	113	201.6	21.3	14.0	39.0	1,171.5	15
Dairyland	ST-9210SSX	STX	C250	110	201.6	21.7	3.7	37.2	1,169.1	17
NK Brand	N74R-3000GT	3000GT	C250	113	200.3	21.6	6.3	33.5	1,162.1	20
Trelay	7VP855	VT3P	P500,V	112	200.1	20.0	19.0	36.2	1,170.6	16
Channel	211-99VT3P	VT3P	P500,V	111	199.6	20.5	11.0	36.2	1,164.7	18
Dyna-Gro	D52Q90	3000GT	P250	112	199.0	22.0	6.3	35.3	1,152.2	23
Bo-Jac	9460	3111	C250	110	198.7	19.8	22.0	37.1	1,163.6	19
Cornelius	C728VT3P	VT3P	P250	113	197.8	20.6	4.0	32.6	1,153.6	22
Croplan	6463SS	STX	C250	113	197.1	20.4	2.0	35.3	1,150.7	24
NuTech	5N-1004*	3000GT	C250	110	196.7	19.4	5.7	37.2	1,154.2	21
Channel	210-57STX	STX	P500,V	110	194.3	19.8	11.0	36.2	1,137.8	25
Dekalb	DKC62-97 GC	VT3P	P250	112	193.8	20.8	3.7	35.3	1,129.1	26
FS Seeds	FS 60MV4	VT3P	C250	110	193.6	21.0	11.3	36.2	1,126.8	27
Stone	6314GVT3P	VT3P	P500,V	113	193.6	21.1	6.0	35.3	1,126.2	28
Kruger	K-7713	VT3P	P500,V	113	193.3	21.3	5.7	37.1	1,123.3	29
AgriGold	A6476VT3Pro GC	VT3P	P500,V	110	191.5	19.5	13.7	34.4	1,123.1	30
Pfister	2570SS	STX	C250,AV	109	191.5	20.2	3.0	37.1	1,119.1	31
Pioneer	P0916XR CK	HXT,RR2	C250	109	208.7	20.0	19.7	34.4	1,220.9	11
Test Average =					190.7	20.5	11.0	35.8	1,113.0	
LSD (0.10) =					16.9	0.9	12.4			
C.V. =					6.6	3.1				



F.I.R.S.T. Manager

TEST COMMENTS: *This location started out good with timely emergence, that was nice and even. During mid season, I did find small amounts of Goss's wilt on a few hybrids. Overall stalk quality was still good even at this later harvest date. Most lodging that you see is from root lodging and goose necking from earlier wind storms.*

Lat: N41.8451, Long: W-88.88662

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: 10/28/2011

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