

2012 BETTER HYBRIDS Harvest Report for Illinois East Central [ILEC]

John Carmack, Douglas County, IL 61956 [TUSCOLA]

EARLY SEASON TEST
105 - 110 Day CRM

B2ILEC13a

PREV. CROP/HERB: Soybean / Buccaneer, Prefix, Sharpen
 SOIL DESCRIPTION: Drummer/Flanagan silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 3% OM
 PEST MANAGEMENT: Force, Simazine, 2,4-D, Buccaneer, Lumax, Atrazine
 FERTILITY - Applied N: 30 Spring, 34 Planter, 100 Side
 Applied N-P-K (units): 164-9-1

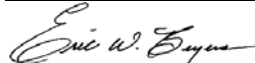
30" ROW SPACING

SEEDED - RATE: May 7 36,600 /A
 HARVESTED - STAND: Oct 8 34,800 /A

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

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	5939G3VT3	VT3	AC,P5V	109	118.7	17.7	2	33.9	912	1
LG Seeds	LG2575VT3Pro	VT3P	AC,P5V	110	116.9	18.5	1	32.9	896	2
Stone	6054GVT3P	VT3P	AC,P5V	110	106.1	17.8	0	33.9	815	3
Pfister	2574SS	STX	AVC,C2	110	105.5	18.2	1	34.9	809	4
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	105.1	17.2	0	32.9	809	5
LG Seeds	LG2549VT3	VT3	AC,P5V	109	105.1	19.1	1	36.8	804	6
Great Lakes	5884VT3PRO	VT3P	AC,P5V	108	101.7	16.8	0	33.9	784	7
AgriGold	A6458VT3	VT3	AC,P5V	109	100.9	18.3	0	36.8	774	8
Beck	XL 5475AMX^	AMX,RR2	Es	108	100.2	17.2	13	32.4	771	9
Beck	Beck 5509A3	3000GT	Es	110	99.9	18.4	1	34.9	766	10
LG Seeds	LG2555VT3	VT3	AC,P5V	110	99.9	19.1	26	34.9	764	11
FS InVISION	FS 59SV4	VT3P	AC,P2	109	98.4	16.9	0	35.8	758	12
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	97.2	19.4	1	32.4	743	14
Kruger	K4R-9710	STX-R	AC,P5V	110	97.1	20.6	0	31.9	739	16
FS InVISION	FS 60TV4	VT3P	AC,P2	110	96.8	18.0	1	31.9	743	13
Stone	5924GVT3P	VT3P	AC,P5V	109	96.0	16.6	1	33.9	740	15
Great Heart	HT-950VT3P	VT3P	AC,P5V	109	94.9	17.4	0	33.9	730	17
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	90.9	18.4	0	36.8	697	19
Kruger	K-7810	VT3P	AC,P5V	110	90.5	16.7	0	34.9	698	18
Sun Prairie	SP2640	VT3P	AC,P2	110	88.2	18.0	0	34.9	677	20
Pfister	2660GT	3000GT	AVC,C2	110	88.1	18.6	1	33.4	675	21
Stone	5724GVT3P	VT3P	AC,P5V	107	87.5	18.5	0	34.9	671	22
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	86.2	17.5	0	31.9	663	23
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	85.2	18.5	1	33.9	653	24
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	84.5	16.6	0	34.9	652	25
Steyer	10603GENSS RIB	STX-R	MQ,C2	106	84.5	16.7	0	35.9	651	26
Stone	5913VT3	VT3	AC,P5V	109	83.9	18.2	0	35.9	644	27
Wyffels	W5787	VT3P	AC,P5V	108	82.6	17.1	0	31.9	636	29
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	82.3	15.5	0	33.9	637	28
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	81.8	17.4	0	33.9	629	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	51.4	19.3	64	32.9	393	57
Test Average =					77.1	18.2	8	34.8	592	
LSD (0.10) =					25.6	1.5	9			
C.V. =					19.9	4.8				


 F.I.R.S.T. Manager

TEST COMMENTS: John stated that most of his corn fields yielded in the 90-105 bpa range. The trial site was root lodged in late June or early July. The lodged plants goosenecked back up and made harvest possible for all hybrids. Plant heights were shorter than normal at nearly 7'. Grain from the test had Aflatoxin present so, additional grain logistics were necessary.

Lat: 39.80594, Long: -88.20618

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 East Central [ILEC]

John Carmack, Douglas County, IL 61956 [TUSCOLA]

FULL SEASON TEST

111 - 114 Day CRM

B2ILEC13b

PREV. CROP/HERB: Soybean / Buccaneer, Prefix, Sharpen
 SOIL DESCRIPTION: Drummer/Flanagan silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.3 pH, 3% OM
 PEST MANAGEMENT: Force, Simazine, 2,4-D, Buccaneer, Lumax, Atrazine
 FERTILITY - Applied N: 30 Spring, 34 Planter, 100 Side
 Applied N-P-K (units): 164-9-1

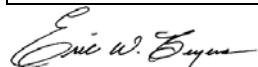
30" ROW SPACING

SEEDED - RATE: May 7 36,600 /A
 HARVESTED - STAND: Oct 8 34,600 /A

TOP 30 OF 81 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
Kruger	K-7215	VT3P	AC,P5V	114	139.3	20.4	0	33.8	1,061	1
Great Heart	HT-7240VT3Pro	VT3P	AC,P5V	112	134.8	20.3	0	37.1	1,027	2
AgriGold	A6533VT3	VT3	AC,P5V	113	129.1	20.4	0	35.2	983	3
FS InVISION	FS 63SV4	VT3P	AC,P2	113	126.4	19.2	0	37.8	966	4
Dairyland	DS9414Q	HXT,RR2	AVC,C2	114	123.8	21.0	10	33.2	941	5
LG Seeds	LG2620VT3	VT3	AC,P5V	113	122.5	19.5	0	35.8	936	6
FS InVISION	FS 62MV4	VT3P	AC,P2	112	122.4	20.8	2	33.9	931	7
Stone	6434GVT3P	VT3P	AC,P5V	114	121.6	20.4	0	31.2	926	8
Steyer	X21151CM	VT3P	MQ,C2	114	121.3	20.0	0	34.5	925	9
Stone	6404GVT3P	VT3P	AC,P5V	114	120.2	18.2	0	37.8	922	10
Stone	6314GVT3P	VT3P	AC,P5V	112	120.2	20.4	0	31.9	915	11
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	119.7	19.2	0	31.9	915	12
Garst	83D19-3111	3111	CE,C2	113	119.2	21.9	0	31.6	903	13
Great Lakes	6354G3VT3	VT3	AC,P5V	113	117.0	19.3	1	33.2	894	14
Dyna-Gro	CX52VP91	VT3P	AC,P5V	112	116.2	19.0	0	33.2	889	15
NK Brand	N70J-4011	4011	CE,C2	112	114.7	20.7	0	35.2	873	16
Great Lakes	6455G3VT3	VT3	AC,P5V	114	114.2	19.4	30	36.5	873	17
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	111.8	19.8	0	35.2	853	18
Golden Harvest	H-9341 3000GT	3000GT	CE,C2	114	109.3	23.0	0	32.6	825	21
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	108.6	17.2	0	33.2	836	19
Steyer	11407VT3PRO	VT3P	MQ,C2	114	108.1	18.8	0	34.5	828	20
Dekalb	DKC61-88 GC	VT3P	AC,P2	111	107.1	18.1	0	36.5	822	22
Croplan	6265VT3PRO	VT3P	AC,P2,Z	112	107.1	21.0	0	39.1	814	23
Great Heart	HT-7167VT3Pro	VT3P	AC,P5V	111	106.8	20.6	3	36.5	813	24
Croplan	6926VT3PRO	VT3P	AC,P2,Z	114	106.0	20.5	0	33.9	807	25
Wyffels	W7477	VT3P	AC,P5V	112	105.0	21.1	1	36.5	798	27
Mycogen	2V715	HXT,RR2	AVC,C2	111	104.8	18.2	0	31.9	804	26
Croplan	6640VT3PRO	VT3P	AC,P2,Z	113	104.0	19.2	0	33.9	795	28
Stine	9733VT3Pro	VT3P	AC,P2	113	103.0	20.6	11	38.5	784	29
Dyna-Gro	D53VP61	VT3P	AC,P2	113	100.3	18.4	0	35.2	769	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	81.8	19.7	65	33.9	624	58
Test Average =					93.1	20.0	7	34.6	710	
LSD (0.10) =					22.3	1.3	13			
C.V. =					17.8	5.0				


 F.I.R.S.T. Manager

TEST COMMENTS: John stated that most of his corn fields yielded in the 90-105 bpa range. The trial site was root lodged in late June or early July. The lodged plants goosenecked back up and made harvest possible for all hybrids. Plant heights were shorter than normal at nearly 7'. Grain from the test had Aflatoxin present so, additional grain logistics were necessary.

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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. 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

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- Optimize® is a trademark of EMD Crop BioScience Inc.
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