

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

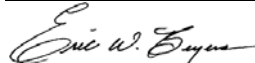
Jim Cullison, Macon County, IL 61913 [FORSYTH]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Valor XLT, Phoenix, Select Max, Fusilade DX B2ILEC11a
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Force, Lexar, Touchdown 30" ROW SPACING
 FERTILITY - Applied N: 189 Fall
 Applied N-P-K (units): 189-131-120
 SEEDING - RATE: Apr 27 34,000 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 14 32,900 /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
Great Lakes	6087VT3PRO	VT3P	AC,P5V	110	88.6	20.5	0	30.9	675	1
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	87.2	15.8	0	30.2	674	2
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	85.5	17.0	0	34.5	658	3
Croplan	5337VT3PRO	VT3P	AC,P2,Z	104	85.4	16.7	0	29.5	658	4
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	82.6	17.2	0	33.9	636	5
Great Lakes	5884VT3PRO	VT3P	AC,P5V	108	80.7	17.7	0	33.2	620	6
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	76.6	16.8	0	35.2	590	7
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	76.1	18.0	0	32.5	584	8
Great Lakes	5939G3VT3	VT3	AC,P5V	109	75.8	17.2	0	32.5	583	10
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	75.5	15.8	0	32.9	584	9
Dyna-Gro	CX48VP76	VT3P	AC,P5V	108	74.7	16.8	0	33.9	576	11
Croplan	6125VT3	VT3	AC,P2,Z	109	72.9	17.2	0	31.9	561	12
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	70.9	18.0	0	31.9	544	13
LG Seeds	LG2575VT3Pro	VT3P	AC,P5V	119	70.3	18.4	0	33.2	539	16
Kruger	K-7810	VT3P	AC,P5V	110	69.9	16.0	0	33.9	540	14
Stone	5924GVT3P	VT3P	AC,P5V	109	69.8	16.1	0	34.5	539	15
Sun Prairie	SP2640	VT3P	AC,P2	110	69.0	17.0	0	33.9	531	17
Mycogen	2V676	STX	AVC,C2	108	69.0	17.3	0	34.5	531	18
Pfister	2574SS	STX	AVC,C2	110	68.7	16.2	0	32.6	530	19
Great Heart	HT-950VT3P	VT3P	AC,P5V	109	66.3	17.0	0	32.6	511	20
Dairyland	DS9610	3000GT	MQ,C2	110	65.0	17.6	0	31.9	500	22
Stone	6054GVT3P	VT3P	AC,P5V	110	64.9	16.1	0	32.6	501	21
Kruger	K-7306	VT3P	AC,P5V	106	62.8	18.1	0	32.6	482	23
Wyffels	W5787	VT3P	AC,P5V	108	61.5	16.3	0	31.9	475	24
Steyer	10802GENSS	STX	MQ,C2	107	61.4	16.9	0	33.2	473	25
LG Seeds	LG2585VT3	VT3	AC,P5V	110	60.7	20.3	0	31.9	462	27
Beck	Beck 5509A3	3000GT	Es	110	60.6	17.7	0	32.6	466	26
LG Seeds	LG2549VT3	VT3	AC,P5V	109	58.4	16.3	0	31.6	451	28
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	56.3	16.6	0	33.5	434	29
Steyer	10702-3000GT	3000GT	MQ,C2	108	56.0	12.5	0	29.6	434	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	47.0	17.7	0	33.9	361	40
Test Average =					55.5	17.3	0	32.9	427	
LSD (0.10) =					27.2	1.4	ns			
C.V. =					36.2	6.2				


 F.I.R.S.T. Manager

TEST COMMENTS: Jim Cullison said the surrounding field varied from 50-100 bu/acre. Rainfall was limited mid June through early August. Harvested plant heights were 5-6' and lacked canopy; hence, late season weeds were an issue. The high heat of early July hurt ear development. If ears were present, 2-3" length was common. Data rejected due to variable yield and weeds.

Lat: 39.9482, Long: -88.97394

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]

Jim Cullison, Macon County, IL 61913 [FORSYTH]

FULL SEASON TEST

111 - 114 Day CRM

B2ILEC11b

PREV. CROP/HERB: Soybean / Valor XLT, Phoenix, Select Max, Fusilade DX
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEEL MANAGEMENT: Force, Lexar, Touchdown
 FERTILITY - Applied N: 189 Fall
 Applied N-P-K (units): 189-131-120

30" ROW SPACING

SEEDED - RATE: Apr 27 34,000 /A
 HARVESTED - STAND: Sep 14 32,900 /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
LG Seeds	LG2620VT3	VT3	AC,P5V	113	107.1	18.8	0	32.6	820	1
Dyna-Gro	D53VP61	VT3P	AC,P2	113	104.2	18.5	0	33.9	798	2
Mycogen	2V715	HXT,RR2	AVC,C2	111	98.5	17.4	0	35.2	758	3
Stone	6434GVT3P	VT3P	AC,P5V	114	98.0	20.4	0	30.6	746	4
Stone	6404GVT3P	VT3P	AC,P5V	114	95.0	19.4	0	33.2	726	5
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	89.9	16.7	0	31.2	693	6
Croplan	6926VT3PRO	VT3P	AC,P2,Z	114	89.9	18.8	0	30.2	688	8
Wyffels	W7057	VT3P	AC,P5V	111	89.8	17.7	0	27.9	690	7
FS InVISION	FS 63SV4	VT3P	AC,P2	113	88.5	19.2	0	33.5	677	9
Steyer	11407VT3PRO	VT3P	MQ,C2	114	87.7	17.8	0	33.9	674	10
Garst	83D19-3111	3111	CE,C2	113	87.4	19.9	0	31.2	667	12
NK Brand	N70J-4011	4011	CE,C2	112	86.8	16.8	0	32.2	669	11
Pfister	2672HR	HX,RR2	AC,P2	111	86.5	16.8	0	31.9	667	13
Channel	212-09STX	STX	AC,P5V	112	85.9	20.0	0	35.8	655	14
Kruger	K-7215	VT3P	AC,P5V	114	82.1	19.5	0	33.2	627	15
Great Heart	HT-7243VT3Pro	VT3P	AC,P5V	112	81.2	21.0	0	30.6	617	17
Kruger	K-7911	VT3P	AC,P5V	111	80.7	17.4	0	33.9	621	16
Stone	6314GVT3P	VT3P	AC,P5V	112	80.4	19.1	0	31.5	615	18
Great Lakes	6455G3VT3	VT3	AC,P5V	114	80.2	20.0	0	33.9	612	19
Stine	9732VT3Pro	VT3P	AC,P2	111	78.5	20.0	0	33.2	599	20
Golden Harvest	H-9341 3000GT	3000GT	CE,C2	114	76.6	22.1	0	34.5	580	22
Steyer	11203-3000GT	3000GT	MQ,C2	112	76.1	18.3	0	31.5	584	21
Great Heart	HT-7167VT3Pro	VT3P	AC,P5V	111	75.4	19.3	0	32.6	576	23
Croplan	6640VT3PRO	VT3P	AC,P2,Z	113	74.0	18.1	0	33.9	568	24
Kruger	K4R-9544	STX-R	AC,P2	114	72.0	19.2	0	33.9	550	26
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	71.9	17.8	3	31.6	552	25
Pioneer	P1215XR GC	HXT,RR2	MQ,P1V	112	71.9	21.2	0	32.6	546	28
Mycogen	2A787	HXT,RR2	AVC,C2	114	71.7	20.2	0	32.6	546	27
Dairyland	DS9111SSX	STX	AVC,C2	111	70.7	17.8	0	32.6	543	29
Dairyland	DS9414Q	HXT,RR2	AVC,C2	114	70.3	19.5	0	33.9	537	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	50.8	18.6	0	31.9	389	66
Test Average =					64.6	19.2	0	32.9	494	
LSD (0.10) =					26.6	1.5	ns			
C.V. =					30.6	5.7				

TEST COMMENTS: Jim Cullison said the surrounding field varied from 50-100 bu/acre. Rainfall was limited mid June through early August. Harvested plant heights were 5-6' and lacked canopy; hence, late season weeds were an issue. The high heat of early July hurt ear development. If ears were present, 2-3" length was common. Data rejected due to variable yield and weeds.

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2012 IMAGES from Illinois East Central [ILEC] from Better Hybrids Location - FORSYTH



IMAGE COMMENTS: *At harvest, some hybrids were totally dead while others were very green and alive. The poor crop canopy allowed late season weeds to further harm crop yields at this site. Ears were small with shallow kernel depth but grain quality was good.*



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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