

2010 BETTER HYBRIDS Harvest Report for Illinois East Central [ILEC]

Judson Stover, McLean County, IL 61776 [TOWANDA]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup

BOILEC02a

SOIL DESCRIPTION: Ipava silty clay loam, well drained, strip-till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.8 pH, 3.5% OM

PEST MANAGEMENT: Harness Xtra

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-0-0

SEEDED - RATE: Apr 29 36,300 /A

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

HARVESTED - STAND: Sep 14 34,500 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	6N52VT3	VT3	P250	218.1	17.8	0.3	33.9	\$911.7	1
Heritage	4610VT3	VT3	P250	217.3	18.4	0.0	32.5	\$905.1	2
Kruger	K-6010VT3	VT3	C250	216.6	18.1	0.0	35.2	\$903.8	3
Channel	210-61VT3	VT3	P250	214.0	19.1	0.0	33.2	\$887.6	7
Stine	9731VT3Pro	VT3P	P250	213.3	18.2	1.7	34.5	\$889.5	6
Channel	209-77VT3	VT3	P250	212.6	16.9	0.7	34.5	\$893.5	4
Beck	5442VT3	VT3	P500	212.6	17.6	2.0	31.2	\$889.7	5
NuTech	G2 5X-411 [^]	HXT,RR2	C250	210.6	19.3	1.7	33.2	\$872.4	9
Wyffels	W6871	VT3	P250	209.5	18.4	5.3	34.5	\$872.6	8
LG Seeds	LG2555VT3	VT3	P250	209.0	18.9	1.0	34.5	\$867.9	10
AgriGold	A6458VT3	VT3	P250	208.0	18.3	0.0	35.8	\$866.8	11
Garst	85E98-3000GT	3000GT	C500	206.0	18.1	0.3	35.2	\$859.5	13
Heritage	4602VT3	VT3	P250	205.3	17.5	4.7	36.5	\$859.7	12
Dyna-Gro	57V40	VT3	P250	204.2	18.6	7.0	35.2	\$849.5	14
Croplan	6425VT3P	VT3P	C250	202.1	17.7	5.7	34.5	\$845.3	15
NuTech	3T-110	VT3	C250	202.0	18.8	5.7	33.8	\$839.3	16
NuTech	G2 5X-908 [^]	HXT,RR2	C250	199.0	18.9	0.0	36.5	\$826.3	21
Great Lakes	5939G3VT3	VT3	P250	198.9	17.8	0.0	32.6	\$831.4	17
Heritage	4620VT3	VT3	P250	198.8	18.2	7.0	30.6	\$829.0	19
Sun Prairie	SP617VT3	VT3	P250	198.6	18.4	14.7	34.5	\$827.2	20
Great Lakes	5643VT3PRO	VT3P	P250	198.2	17.7	0.0	36.5	\$829.0	18
Dekalb	DKC59-35	VT3	P250	197.0	17.3	0.0	35.2	\$825.9	22
Lewis	910VT3	VT3	P250	196.2	17.2	3.0	34.5	\$823.1	24
Golden Harvest	H-8577 3000GT	3000GT	C500	196.2	18.6	0.7	37.1	\$816.2	26
Kruger	K-6408VT3	VT3	P250	195.5	16.3	6.7	34.5	\$824.5	23
NuTech	G2 5X-909 [^]	HXT,RR2	C250	195.1	18.3	0.0	35.8	\$813.1	29
Merschman	Stine M-1109D-10	VT3	P500	194.9	17.9	0.3	34.5	\$814.2	27
Dekalb	DKC57-50	VT3	P250	194.6	16.0	0.3	36.5	\$822.2	25
LG Seeds	LG2549VT3	VT3	P250	194.2	17.4	0.3	35.8	\$813.7	28
Croplan	6125VT3	VT3	C250	191.5	16.1	2.7	35.8	\$808.6	30
Great Lakes	6069G3VT3 CK	VT3	P250	167.4	16.6	13.3	36.5	\$704.8	58
Test Average =				186.7	17.4	4.2	34.5	\$782.4	
LSD (0.10) =				13.0	1.0	7.7			
C.V. =				5.2	4.3				

TEST COMMENTS: Judson commented this field received only 3/4" for the entire month of July. High heat in August reduced ear size & consistency. Some hybrid's ears ranged from 3"- 4" in length. Lodging consisted of mostly stalk rot, but a few hybrids exhibited serious root lodging suggesting that corn rootworm pressure was high.

Lat: N40.5968, Long: W88.82631

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, 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 chosen product, * = brands without a seed lot number ns = not significantly different

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 9/16/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Illinois East Central [ILEC]
Judson Stover, McLean County, IL 61776 [TOWANDA]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0ILEC02b
 SOIL DESCRIPTION: Ipava silty clay loam, well drained, strip-till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.8 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra 30" ROW SPACING
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-0-0
 SEEDING - RATE: Apr 29 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 14 34,300 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	6354G3VT3	VT3	P250	223.6	19.9	0.3	33.2	\$922.9	1
Channel	213-32VT3	VT3	P250	217.1	21.7	0.0	35.8	\$886.3	3
LG Seeds	LG2620VT3	VT3	P250	216.0	21.5	1.3	33.9	\$882.9	5
Golden Harvest	H-9138 3000GT	3000GT	C500	212.0	21.0	0.3	34.5	\$869.2	7
Garst	83R38-3000GT	3000GT	C250	211.7	20.3	2.7	32.6	\$871.7	6
Gateway	8812	VT3	C250	211.5	18.0	3.0	34.5	\$883.0	4
Dekalb	DKC61-69	VT3	P250	211.1	15.9	4.7	33.2	\$892.4	2
Sun Prairie	SPX2710VT3P	VT3P	P250	209.7	20.9	0.0	33.9	\$860.3	8
Great Lakes	6455G3VT3	VT3	P250	208.8	20.9	2.0	33.8	\$856.6	9
Dairyland	ST9414	VT3	P250	207.1	20.5	0.3	35.2	\$851.7	12
Croplan	6286VT3P	VT3P	C250	206.2	19.2	1.7	36.5	\$854.7	10
Heritage	4642VT3	VT3	P250	205.8	19.1	0.3	33.8	\$853.6	11
Great Heart	HT-200VT3P	VT3P	P250,V	204.4	18.9	0.3	35.8	\$848.8	14
Croplan	6463SS	SS	C250	203.8	20.2	0.0	37.8	\$839.7	15
Stone	8T468VT3	VT3	P250	203.7	20.4	1.3	32.6	\$838.2	16
Kruger	K-6411VT3	VT3	C250	202.5	17.1	0.3	33.9	\$850.0	13
Stone	6223VT3	VT3	P250	201.1	20.8	0.3	35.8	\$825.5	19
FS Seeds	FS64JV3	VT3	P250	200.6	21.0	0.0	33.2	\$822.5	22
FS Seeds	FS61BX1	SS	P250	199.8	17.8	0.3	32.6	\$835.2	17
Dekalb	DKC63-42	VT3	P250	199.8	19.7	0.0	34.5	\$825.7	18
Channel	214-14VT3P	VT3P	P250	198.7	19.4	0.7	35.8	\$822.6	21
FS Seeds	FS63MV4	VT3P	P250	198.5	20.6	0.3	36.5	\$815.8	24
Croplan	7575VT3P	VT3P	C250	198.0	20.0	8.7	33.2	\$816.8	23
Kruger	K-6213VT3	VT3	P250	197.6	21.0	0.3	37.1	\$810.2	26
Great Lakes	6229G3VT3	VT3	P250	197.4	18.2	9.7	34.5	\$823.2	20
LG Seeds	LG2641VT3	VT3	P250	194.8	18.4	8.3	32.5	\$811.3	25
FS Seeds	FS62JV3	VT3	P250	193.2	18.0	2.0	35.2	\$806.6	27
NuTech	G2 5X-512^	HXT,RR2	C250	192.4	20.2	0.3	31.2	\$792.7	29
Merschman	Stine M-911C-10	VT3	P500	190.7	18.0	15.0	33.2	\$796.2	28
Horizon	71PV08R	VT3	P250	187.5	17.4	2.0	33.2	\$785.6	30
Great Lakes	6069G3VT3 CK	VT3	P250	147.5	15.5	3.0	33.2	\$625.0	69
Test Average =				183.7	19.0	4.4	34.3	\$762.3	
LSD (0.10) =				19.6	1.3	12.1			
C.V. =				7.9	4.9				

TEST COMMENTS: Judson commented this field received only 3/4" for the entire month of July. High heat in August reduced ear size & consistency. Some hybrid's ears ranged from 3"- 4" in length. Lodging consisted of mostly stalk rot, but a few hybrids exhibited serious root lodging suggesting that corn rootworm pressure was high. Lat: N40.5968, Long: W88.82631

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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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

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