

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

Jim Cullison, Macon County, IL 61913 [FORSYTH]

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Valor XLT, Roundup PowerMax BOILEC01a
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Lexar, Lexar, Quilt 30" ROW SPACING
 FERTILITY - Applied N: 184 Fall,
 Applied N-P-K (units): 184-92-100
 SEEDED - RATE: Apr 29 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 15 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9731VT3Pro	VT3P	P250	238.1	18.1	0.0	34.5	\$993.5	1
NuTech	3T-110	VT3	C250	235.6	17.7	0.0	33.9	\$985.4	2
Lewis	910VT3	VT3	P250	226.1	18.0	0.0	31.9	\$944.0	3
Wyffels	W6871	VT3	P250	223.6	18.1	0.0	33.2	\$933.0	4
Golden Harvest	H-8969 3000GT	3000GT	C500	221.3	18.3	0.0	33.9	\$922.3	6
Heritage	4602VT3	VT3	P250	221.2	17.5	0.0	34.5	\$926.3	5
Croplan	6125VT3	VT3	C250	217.1	16.4	0.0	33.2	\$915.1	7
Sun Prairie	SP617VT3	VT3	P250	216.8	17.6	0.0	34.5	\$907.3	9
Heritage	4610VT3	VT3	P250	216.6	16.7	0.3	33.9	\$911.3	8
LG Seeds	LG2555VT3	VT3	P250	216.3	18.5	0.0	33.2	\$900.3	13
Stone	6N52VT3	VT3	P250	216.0	17.1	0.0	33.2	\$906.7	10
Dyna-Gro	57V40	VT3	P250	215.2	17.9	0.0	33.2	\$899.0	14
Kruger	K-6010VT3	VT3	C250	215.0	17.5	0.0	33.9	\$900.3	12
Channel	209-77VT3	VT3	P250	214.0	16.4	0.0	32.5	\$902.0	11
Dekalb	DKC57-50	VT3	P250	211.4	16.3	0.0	33.8	\$891.6	15
Bo-Jac	9459	3000GT	C250	210.2	17.2	0.0	32.5	\$881.8	17
NuTech	3T-808	VT3	C250	209.0	16.2	0.3	31.2	\$882.0	16
Channel	210-61VT3	VT3	P250	208.4	17.5	0.0	34.5	\$872.7	19
NuTech	G2 5X-411^	HXT,RR2	C250	208.2	17.7	0.0	30.6	\$870.8	20
Kruger	K-6107VT3	VT3	C250	207.8	16.8	0.0	36.5	\$873.8	18
Garst	85E98-3000GT	3000GT	C500	206.5	16.7	0.0	34.5	\$868.8	22
Beck	5442VT3	VT3	P500	206.0	17.2	0.0	29.9	\$864.2	24
Lewis	1107VT3	VT3	P250	205.9	16.2	0.0	31.2	\$868.9	21
Dekalb	DKC59-35	VT3	P250	205.6	16.6	0.0	34.5	\$865.6	23
NuTech	1N-109	CB/LL/RW	C250	204.8	17.8	0.0	33.2	\$856.1	27
Croplan	5415VT3P	VT3P	C250	204.3	16.1	0.0	33.2	\$862.7	25
Croplan	5757VT3	VT3	C250	204.1	17.4	0.0	32.6	\$855.2	28
Great Lakes	5783G3VT3	VT3	P250	203.4	16.5	0.0	32.6	\$856.8	26
Croplan	6425VT3P	VT3P	C250	203.2	17.4	0.0	35.2	\$851.4	29
Dyna-Gro	V4993VT3	VT3	P250	201.2	16.1	0.0	33.2	\$849.6	30
Great Lakes	6069G3VT3 CK	VT3	P250	183.2	15.4	0.0	35.2	\$776.8	58
Test Average =				196.4	16.9	0.2	33.5	\$825.2	
LSD (0.10) =				16.1	1.0	n.s.			
C.V. =				6.1	4.2				

TEST COMMENTS: Jim said, "Around July 15th this field received a 1.5" rain, but other than that, it was dry in July."

June rain, totaling over 15 inches, slowed seedling development. High heat in August simply rushed maturity of plants & kernels.

Harvested ear sizes ranged from 3-4" in length for many hybrids.

Lat: N39.94841, Long: W88.97416

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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Revised:

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

Jim Cullison, Macon County, IL 61913 [FORSYTH]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Valor XLT, Roundup PowerMax B0ILEC01b
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Lexar, Lexar, Quilt 30" ROW SPACING
 FERTILITY - Applied N: 184 Fall,
 Applied N-P-K (units): 184-92-100
 SEEDING - RATE: Apr 29 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 15 34,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6553VT3	VT3	P250	232.4	20.9	0.0	35.8	\$953.4	1
Heritage	4642VT3	VT3	P250	226.2	18.4	0.0	33.2	\$942.1	2
Beck	6179VT3	VT3	P500	222.2	18.3	0.0	33.2	\$926.0	3
Wyffels	W8681	VT3	P250	222.0	21.1	0.0	33.2	\$909.6	4
Golden Harvest	H-9138 3000GT	3000GT	C500	219.2	21.1	0.0	32.6	\$898.2	5
Wyffels	W8430	RR2	P250	217.9	20.4	0.0	32.5	\$896.7	6
LG Seeds	LG2620VT3	VT3	P250	216.9	20.3	0.0	32.6	\$893.1	7
NuTech	5N-215	3000GT	C250	216.5	20.3	0.0	33.9	\$891.4	9
LG Seeds	LG2641VT3	VT3	P250	215.3	19.9	0.0	34.5	\$888.7	10
Horizon	73PR15R	VT3P	P250	214.5	18.6	0.0	32.6	\$892.3	8
Garst	83R38-3000GT	3000GT	C250	213.9	21.5	0.0	33.2	\$874.3	14
FS Seeds	FS63MV4	VT3P	P250	212.6	20.0	0.0	33.9	\$877.0	13
Horizon	71PV08R	VT3	P250	212.5	18.3	0.0	34.5	\$885.6	11
Stine	9806VT3	VT3	P250	210.3	21.9	0.0	33.9	\$857.5	18
Kruger	K-1211RR	RR2	P250	209.0	17.1	0.0	34.5	\$877.3	12
AgriGold	A6533VT3	VT3	P250	207.8	20.0	0.0	31.9	\$857.2	19
Channel	214-14VT3P	VT3P	P250	206.9	17.9	0.0	32.6	\$864.3	15
Croplan	6286VT3P	VT3P	C250	206.3	18.1	0.0	33.2	\$860.8	17
Dairyland	ST9414	VT3	P250	205.9	21.0	0.0	35.2	\$844.2	26
Garst	84Y14-3000GT	3000GT	C500	205.4	19.4	0.0	33.8	\$850.4	22
Dekalb	DKC63-42	VT3	P250	205.3	19.2	0.0	35.2	\$851.0	21
Dekalb	DKC61-69	VT3	P250	204.9	16.3	0.0	33.2	\$864.2	16
Croplan	6926VT3P	VT3P	C250	204.6	18.6	0.0	33.2	\$851.1	20
Dairyland	ST9313	VT3	C250	203.6	19.6	0.0	35.2	\$841.9	27
FS Seeds	FS64JV3	VT3	P250	203.1	19.5	0.0	34.5	\$840.3	29
Horizon	74PV37R	VT3	P250	202.9	18.2	0.0	33.2	\$846.1	24
Great Heart	HT-212VT3	VT3	P250,V	202.8	18.0	0.0	30.6	\$846.7	23
FS Seeds	FS62JV3	VT3	P250	202.8	18.4	0.0	31.2	\$844.7	25
Mycogen	2V732	VT3	C250	202.0	18.7	0.0	33.2	\$839.8	30
AgriGold	A6476VT3	VT3	P250	201.3	17.9	0.0	33.2	\$840.9	28
Great Lakes	6069G3VT3 CK	VT3	P250	194.3	16.6	0.0	35.2	\$818.0	42
Test Average =				197.6	19.2	0.0	34.0	\$818.9	
LSD (0.10) =				19.4	0.9	n.s.			
C.V. =				7.3	3.3				

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 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



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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