

2010 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]

Jerry Lewis, McDonough County, IL 61438 [MACOMB]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup BO1LWC09a
 SOIL DESCRIPTION: Tama silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.7 pH, 3.2% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Headline 30" ROW SPACING
 FERTILITY - Applied N: 180 Fall,
 Applied N-P-K (units): 180-0-0
 SEEDED - RATE: May 6 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 29 34,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2555VT3	VT3	P250	242.3	19.9	2.7	34.5	\$1,000.1	1
Channel	210-61VT3	VT3	P250	237.5	18.8	0.3	33.2	\$986.8	2
Stone	6N52VT3	VT3	P250	236.6	18.5	0.3	36.5	\$984.8	3
Heritage	4610VT3	VT3	P250	232.1	18.0	0.0	34.5	\$969.0	4
NuTech	3T-110	VT3	C250	231.4	18.4	10.7	33.9	\$963.8	5
Great Lakes	5939G3VT3	VT3	P250	230.2	19.3	0.0	33.9	\$953.6	6
Stine	9731VT3Pro	VT3P	P250	226.4	18.2	6.7	33.9	\$944.1	7
Beck	5442VT3	VT3	P500	224.4	18.5	3.0	31.9	\$934.1	9
Lewis	1107VT3	VT3	P250	222.5	17.0	12.0	33.2	\$934.5	8
AgriGold	A6458VT3	VT3	P250	222.5	18.8	0.0	35.8	\$924.5	10
Kruger	K-6010VT3	VT3	C250	221.2	18.2	0.0	33.9	\$922.4	11
AgSource	5X-411B	HXT,RR2	C250	220.2	19.3	0.0	34.5	\$912.2	14
Channel	209-77VT3	VT3	P250	219.6	18.2	0.0	35.2	\$915.7	13
Horizon	66PV41R	VT3	P250	219.4	17.2	0.0	36.5	\$920.4	12
LG Seeds	LG2549VT3	VT3	P250	219.0	19.6	0.3	35.2	\$905.6	15
Heritage	4620VT3	VT3	P250	216.2	19.2	0.0	32.5	\$896.1	18
Garst	85E98-3000GT	3000GT	C500	216.1	18.2	0.0	32.5	\$901.1	17
Golden Harvest	H-8969 3000GT	3000GT	C500	216.0	19.5	1.3	34.5	\$893.7	19
Golden Harvest	H-8577 3000GT	3000GT	C500	215.3	17.5	3.0	27.2	\$901.6	16
LG Seeds	LG2544VT3	VT3	P250	214.9	18.9	0.0	34.5	\$892.4	22
Dyna-Gro	57V40	VT3	P250	214.8	19.3	1.7	34.5	\$889.8	24
Wyffels	W6871	VT3	P250	214.4	18.3	19.0	37.2	\$893.5	20
Horizon	71PR29R	VT3P	P250	213.3	17.8	7.0	35.8	\$891.6	23
Croplan	5757VT3	VT3	C250	212.1	17.7	1.3	35.2	\$887.1	26
Kruger	K-6408VT3	VT3	P250	212.0	16.5	1.3	34.5	\$893.1	21
Kruger	K-6006VT3	VT3	C250	212.0	17.9	1.7	33.2	\$885.6	27
Great Lakes	5783G3VT3	VT3	P250	212.0	18.2	0.0	34.5	\$884.0	28
Kruger	K-6107VT3	VT3	C250	211.1	17.6	0.3	33.9	\$883.5	29
Dekalb	DKC58-83	VT3P	P250	210.1	17.2	0.0	35.8	\$881.4	30
Dekalb	DKC57-50	VT3	P250	210.0	17.4	0.0	33.2	\$879.9	31
Great Lakes	6069G3VT3 CK	VT3	P250	212.0	17.4	0.7	35.2	\$888.3	25
Test Average =				206.9	18.0	2.1	34.0	\$863.7	
LSD (0.10) =				17.3	0.5	6.7			
C.V. =				6.2	1.9				

TEST COMMENTS: *Fields in the area are yielding from 30-230 bushels/acre. Low lying areas of the field held too much rainfall. The shady wet soil surface between the corn rows in the plot was carpeted with an Irish hued moss. Lodging scores consist of stalk lodging, root lodging, and green snapping.*

Lat: N40.54279, Long: W90.644

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

2010 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]

Jerry Lewis, McDonough County, IL 61438 [MACOMB]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Roundup B01LWC09b
 SOIL DESCRIPTION: Tama silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.7 pH, 3.2% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Headline 30" ROW SPACING
 FERTILITY - Applied N: 180 Fall,
 Applied N-P-K (units): 180-0-0
 SEEDING - RATE: May 6 36,300 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 29 33,200 /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	252.5	22.0	0.3	34.5	\$1,028.9	1
LG Seeds	LG2620VT3	VT3	P250	234.8	22.1	0.0	35.2	\$956.2	2
Channel	213-32VT3	VT3	P250	231.6	22.5	0.0	35.2	\$940.9	4
Great Lakes	6455G3VT3	VT3	P250	230.6	21.4	0.0	33.9	\$943.2	3
LG Seeds	LG2641VT3	VT3	P250	227.1	20.9	1.3	35.8	\$931.7	5
Stone	681-76VT3	VT3	P250	225.1	19.5	0.0	33.2	\$931.4	6
Dairyland	ST9414	VT3	P250	223.8	22.0	0.0	32.6	\$912.0	8
AgriGold	A6533VT3	VT3	P250	222.6	22.3	0.0	31.9	\$905.4	12
Golden Harvest	H-9138 3000GT	3000GT	C500	222.5	22.1	0.0	33.2	\$906.1	11
Great Heart	HT-200VT3P	VT3P	P250,V	222.4	21.0	1.3	31.9	\$911.8	9
Kruger	K-1211RR	RR2	P250	221.6	18.3	17.0	33.9	\$923.5	7
Beck	XL 6733HXR^	HXT,RR2	P500	221.4	21.2	0.0	36.5	\$906.6	10
Stine	9806VT3	VT3	P250	220.5	23.1	0.0	33.2	\$892.5	21
FS Seeds	FS63MV4	VT3P	P250	219.9	21.8	0.3	33.2	\$897.2	18
Croplan	6463SS	SS	C250	219.8	20.8	0.3	32.5	\$902.3	15
Heritage	4642VT3	VT3	P250	218.8	20.0	0.3	31.9	\$902.6	14
Dekalb	DKC63-42	VT3	P250	218.7	20.9	1.3	33.9	\$897.2	19
Great Lakes	6354G3VT3	VT3	P250	218.6	21.2	0.0	34.5	\$895.2	20
Channel	214-14VT3P	VT3P	P250	218.5	20.1	0.0	33.2	\$900.8	17
Kruger	K-7614	VT3P	P250	218.2	19.8	0.3	35.8	\$901.2	16
NuTech	3A-511A	RR2	C250	217.1	18.5	17.7	34.5	\$903.7	13
Kruger	K-6213VT3	VT3	P250	216.9	21.4	0.0	35.2	\$887.1	23
NuTech	G2 5X-215^	HXT,RR2	C250	216.6	20.8	1.3	33.2	\$889.1	22
Great Lakes	6229G3VT3	VT3	P250	215.1	20.2	1.3	35.8	\$886.2	24
NuTech	3T-113	VT3	P250	214.0	21.6	17.7	35.2	\$874.2	25
Horizon	74A88Q	3000GT	P250	213.1	21.0	0.0	31.9	\$873.7	26
Stine	9730VT3Pro	VT3P	P250	212.7	22.4	0.0	32.6	\$864.6	30
Lewis	1011VT3	VT3	P250	210.5	19.5	0.0	29.9	\$870.9	27
Gateway	8812	VT3	C250	208.6	18.4	0.0	31.9	\$868.8	28
Kruger	K-6411VT3	VT3	C250	207.2	17.9	0.3	34.5	\$865.6	29
Great Lakes	6069G3VT3 CK	VT3	P250	205.6	17.6	0.0	32.5	\$860.4	34
Test Average =				202.9	20.5	1.6	33.2	\$834.3	
LSD (0.10) =				23.3	1.3	8.6			
C.V. =				8.5	4.8				

TEST COMMENTS: Fields in the area are yielding from 30-230 bushels/acre. Low lying areas of the field held too much rainfall. The shady wet soil surface between the corn rows in the plot was carpeted with an Irish hued moss. Lodging scores consist of stalk lodging, root lodging, and green snapping. Lat: N40.54279, Long: W90.644

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



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

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- 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 Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent