

2010 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]
 Bruce & Nick Constant, Sangamon County, IL 62693 [WILLIAMSVILLE]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Flexstar, Fusion BOILWC07a
 SOIL DESCRIPTION: Tama silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Degree Xtra, Quilt, Boron 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-0-0
 SEEDING - RATE: Apr 30 32,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 21 31,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Beck	5442VT3	VT3	P500	249.4	18.5	0.0	28.6	\$1,038.1	1
Stine	9731VT3Pro	VT3P	P250	245.6	18.4	0.0	31.2	\$1,022.9	3
NuTech	3T-110	VT3	C250	245.2	18.0	0.0	31.9	\$1,023.7	2
Dyna-Gro	57V40	VT3	P250	245.0	18.2	0.0	31.9	\$1,021.7	4
LG Seeds	LG2549VT3	VT3	P250	240.8	18.0	0.0	30.6	\$1,005.3	5
Great Lakes	5939G3VT3	VT3	P250	239.9	18.4	0.0	30.5	\$999.2	6
AgriGold	A6458VT3	VT3	P250	237.8	18.4	0.0	32.6	\$990.4	7
Stone	6N52VT3	VT3	P250	236.9	18.1	0.0	32.6	\$988.5	8
Croplan	6125VT3	VT3	C250	235.6	17.2	0.0	31.2	\$988.3	9
Beck	XL 5269HXR [^]	HXT,RR2	P500	235.2	17.3	0.0	32.6	\$986.1	10
FS Seeds	FS60MV4	VT3P	P250	234.9	18.0	0.0	31.2	\$980.7	11
LG Seeds	LG2555VT3	VT3	P250	234.4	18.1	0.0	33.2	\$978.0	13
Dekalb	DKC58-83	VT3P	P250	233.0	17.1	0.0	31.2	\$978.0	12
Channel	210-61VT3	VT3	P250	230.5	18.4	0.0	29.9	\$960.0	17
Croplan	5415VT3P	VT3P	C250	230.3	16.4	0.0	31.9	\$970.7	14
Wyffels	W6871	VT3	P250	230.0	18.4	0.0	31.9	\$958.0	19
Channel	209-77VT3	VT3	P250	229.7	17.5	0.0	31.2	\$961.9	15
Kruger	K-6010VT3	VT3	C250	229.4	17.9	0.0	30.6	\$958.3	18
Horizon	71PR29R	VT3P	P250	229.3	17.4	0.0	32.6	\$960.8	16
Heritage	4610VT3	VT3	P250	228.6	17.9	0.0	32.5	\$955.0	20
Lewis	910VT3	VT3	P250	228.3	18.1	0.0	31.2	\$952.6	21
Croplan	6425VT3P	VT3P	C250	228.0	18.3	0.0	31.2	\$950.2	22
Heritage	4602VT3	VT3	P250	227.3	17.8	0.0	31.9	\$950.1	23
AgriGold	A6476VT3	VT3	P250	224.7	18.2	0.0	30.6	\$937.0	24
NuTech	G2 5X-908 [^]	HXT,RR2	C250	223.5	18.1	0.0	31.2	\$932.6	26
Dekalb	DKC59-35	VT3	P250	223.1	17.8	0.0	31.2	\$932.6	25
Croplan	5757VT3	VT3	C250	221.8	17.4	0.0	31.9	\$929.3	27
Heritage	4620VT3	VT3	P250	221.1	18.0	0.0	28.6	\$923.1	28
Kruger	K-6107VT3	VT3	C250	218.3	17.2	0.0	31.9	\$915.8	29
Dyna-Gro	V4993VT3	VT3	P250	217.8	17.4	0.0	31.2	\$912.6	30
Great Lakes	6069G3VT3 CK	VT3	P250	217.0	17.3	0.0	31.2	\$909.8	32
Test Average =				216.6	17.6	0.0	31.1	\$906.6	
LSD (0.10) =				11.6	0.4	n.s.			
C.V. =				4.0	1.9				

TEST COMMENTS: This site's harvested grain had excellent kernel depth due in part to timely rainfall during July.
 Gray leaf spot disease pressure was moderately high (fungicide was applied). Standability was good with no lodging at this site.
 Excellent test site. Lat: N39.96149, Long: W89.53331

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

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FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Flexstar, Fusion B0ILWC07b
 SOIL DESCRIPTION: Tama silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Degree Xtra, Quilt, Boron 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-0-0
 SEEDING - RATE: Apr 30 32,000 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 21 31,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	214-14VT3P	VT3P	P250	252.2	18.8	0.0	30.6	\$1,047.9	1
Horizon	71PV08R	VT3	P250	243.5	18.7	0.0	31.2	\$1,012.4	2
LG Seeds	LG2620VT3	VT3	P250	242.3	19.9	0.0	31.2	\$1,000.1	5
Croplan	6286VT3P	VT3P	C250	242.2	19.1	0.0	29.2	\$1,004.5	4
Merschman	Stine M-911C-10	VT3	P500	242.0	18.3	0.0	32.5	\$1,008.5	3
Great Lakes	6354G3VT3	VT3	P250	240.5	20.0	0.0	31.2	\$992.1	8
AgriGold	A6553VT3	VT3	P250	240.1	20.9	0.0	30.6	\$985.0	11
AgriGold	A6533VT3	VT3	P250	239.6	20.1	0.0	31.2	\$987.8	10
Stone	681-76VT3	VT3	P250	239.3	18.3	0.0	29.2	\$997.3	6
Croplan	6926VT3P	VT3P	C250	239.3	18.9	0.0	29.2	\$993.7	7
FS Seeds	FS64JV3	VT3	P250	238.0	18.5	0.0	29.2	\$990.7	9
Golden Harvest	H-9138 3000GT	3000GT	C500	237.3	19.7	0.0	30.6	\$980.6	14
Dekalb	DKC63-42	VT3	P250	236.2	18.6	0.0	31.2	\$982.6	13
Kruger	K-6411VT3	VT3	C250	235.3	17.8	0.0	32.6	\$983.6	12
Channel	213-32VT3	VT3	P250	235.2	19.9	0.0	29.9	\$970.8	18
Gateway	8812	VT3	C250	234.3	18.4	0.0	29.2	\$975.9	15
LG Seeds	LG2641VT3	VT3	P250	234.0	21.7	0.0	31.2	\$955.3	28
Croplan	6463SS	SS	C250	233.9	21.1	0.0	29.2	\$958.4	24
Kruger	K-6213VT3	VT3	P250	233.8	18.8	0.0	31.9	\$971.4	17
Gateway	9812	VT3	P250	233.1	19.4	0.0	30.6	\$965.0	21
Dairyland	ST9414	VT3	P250	233.0	21.5	0.0	31.2	\$952.4	31
Withdrawn	EX711	RR2	P250	232.9	17.5	0.0	29.9	\$975.3	16
NuTech	G2 5X-215^	HXT,RR2	C250	232.9	20.1	0.0	31.9	\$960.1	23
Great Lakes	6455G3VT3	VT3	P250	232.9	20.8	0.0	31.2	\$956.1	26
Lewis	1011VT3	VT3	P250	232.1	18.1	0.0	30.6	\$968.4	19
Mycogen	2H735	RR2	C250	232.1	18.4	0.0	30.6	\$966.7	20
Dairyland	ST9313	VT3	C250	232.0	20.1	0.0	32.6	\$956.4	25
Kruger	K-1211RR	RR2	P250	229.8	17.2	0.0	32.6	\$964.0	22
Great Lakes	6229G3VT3	VT3	P250	229.5	18.6	0.0	32.6	\$954.7	29
LG Seeds	LG2616VT3	VT3	P250	229.3	18.3	0.0	29.9	\$955.6	27
Great Lakes	6069G3VT3 CK	VT3	P250	227.2	17.1	0.0	31.2	\$953.7	30
Test Average =				225.3	19.5	0.0	31.0	\$931.9	
LSD (0.10) =				14.4	1.3	n.s.			
C.V. =				4.8	4.8				

TEST COMMENTS: This site's harvested grain had excellent kernel depth due in part to timely rainfall during July.
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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

- Excalibre[™] is a trademark of Advanced Biological Marketing
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