

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

Roger Ladage, Macoupin County, IL 62690 [VIRDEN]

105 - 110 Day CRM

PREV. CROP/HERB: Corn / Lexar, Callisto

B01LWC10a

SOIL DESCRIPTION: Virden silt loam, moderately drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.6% OM

PEST MANAGEMENT: Lexar

30" ROW SPACING

FERTILITY - Applied N: 200 Spring,

Applied N-P-K (units): 200-0-0

SEEDED - RATE: May 7 36,300 /A

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

HARVESTED - STAND: Oct 1 34,200 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heritage	4610VT3	VT3	P250	219.9	14.7	0.0	35.2	\$936.2	1
Channel	210-61VT3	VT3	P250	218.6	15.0	0.7	34.5	\$929.1	4
Beck	5442VT3	VT3	P500	218.2	14.5	0.3	34.5	\$930.1	2
Stone	6N52VT3	VT3	P250	218.0	14.5	0.3	35.2	\$929.2	3
Dekalb	DKC58-83	VT3P	P250	217.8	14.4	0.0	34.5	\$928.9	5
LG Seeds	LG2555VT3	VT3	P250	217.5	14.6	0.3	34.5	\$926.6	6
Stine	9731VT3Pro	VT3P	P250	210.8	15.0	0.3	34.5	\$895.9	7
Wyffels	W6871	VT3	P250	207.3	14.5	0.3	35.8	\$883.6	8
AgSource	5X-411B	HXT,RR2	C250	207.2	15.0	0.3	32.5	\$880.6	10
Golden Harvest	H-8577 3000GT	3000GT	C500	207.0	14.6	1.7	33.2	\$881.8	9
Horizon	66PV41R	VT3	P250	206.3	14.5	0.3	34.5	\$879.4	11
Heritage	4620VT3	VT3	P250	206.2	15.1	0.3	33.2	\$875.8	14
NuTech	3T-110	VT3	C250	205.6	14.3	1.3	33.2	\$877.4	12
Channel	209-77VT3	VT3	P250	205.1	14.2	0.0	35.8	\$875.8	13
AgriGold	A6476VT3	VT3	P250	204.4	14.6	1.7	33.9	\$870.7	15
Dyna-Gro	V4993VT3	VT3	P250	203.2	14.3	0.7	34.5	\$867.2	16
NuTech	G2 5X-909^	HXT,RR2	C250	200.2	14.7	0.0	34.5	\$852.4	18
Croplan	6125VT3	VT3	C250	199.8	13.9	0.7	37.8	\$854.6	17
Kruger	K-6010VT3	VT3	C250	199.1	14.3	0.0	29.9	\$849.7	19
Great Lakes	5939G3VT3	VT3	P250	198.8	14.2	0.0	36.5	\$848.9	20
Dyna-Gro	57V40	VT3	P250	198.0	14.5	0.0	35.8	\$844.0	22
Kruger	K-6408VT3	VT3	P250	197.8	14.1	0.0	33.9	\$845.1	21
Dekalb	DKC59-35	VT3	P250	197.8	14.4	0.3	31.9	\$843.6	23
Beck	XL 5377HR^*	HX,RR2	P500	197.2	14.7	0.0	33.9	\$839.6	24
Croplan	6425VT3P	VT3P	C250	196.8	14.6	2.7	33.2	\$838.4	25
Kruger	K-6006VT3	VT3	C250	195.8	14.4	0.3	34.5	\$835.1	26
Dekalb	DKC57-50	VT3	P250	195.2	14.2	0.0	31.9	\$833.5	27
Croplan	5415VT3P	VT3P	C250	194.9	14.0	0.0	33.2	\$833.2	28
NuTech	1N-109	CB/LL/RW	C250	194.8	14.4	0.0	34.5	\$830.8	29
Lewis	1107VT3	VT3	P250	193.8	14.0	0.7	33.9	\$828.5	30
Great Lakes	6069G3VT3 CK	VT3	P250	189.9	14.0	1.7	31.2	\$811.8	39
Test Average =				190.1	14.4	0.4	34.2	\$810.4	
LSD (0.10) =				20.2	0.4	1.7			
C.V. =				7.9	2.1				

TEST COMMENTS: When a yield variance was noticeable in the 3rd rep, I asked Roger about it. He said, "It's like that everywhere this year. The combine monitor will be showing good yields, then it may just drop off. The low yielding corn looks normal except for poor ear development." Soil compaction, flooding, and/or high heat in late August? Lat: N39.52391, Long: W89.72377

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: Corn / Lexar, Callisto B01LWC10b
 SOIL DESCRIPTION: Virden silt loam, moderately drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.6% OM
 PEST MANAGEMENT: Lexar 30" ROW SPACING
 FERTILITY - Applied N: 200 Spring,
 Applied N-P-K (units): 200-0-0
 SEEDING - RATE: May 7 36,300 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 1 34,000 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	214-14VT3P	VT3P	P250	235.3	15.9	2.0	36.9	\$994.7	1
Dekalb	DKC61-69	VT3	P250	224.3	14.2	8.5	30.9	\$957.8	2
AgriGold	A6533VT3	VT3	P250	222.9	15.4	0.5	36.8	\$945.1	5
Stone	681-76VT3	VT3	P250	222.2	14.8	0.0	34.9	\$945.5	4
FS Seeds	FS63MV4	VT3P	P250	221.9	15.5	0.5	33.9	\$940.3	6
Kruger	K-6411VT3	VT3	C250	221.8	14.2	0.0	28.9	\$947.1	3
NuTech	G2 5X-215^	HXT,RR2	C250	221.2	15.8	0.5	30.9	\$935.7	7
Great Heart	HT-171-3000GT	3000GT	P250,V	220.4	15.3	0.5	30.9	\$935.0	8
Channel	213-32VT3	VT3	P250	220.1	15.6	0.5	34.9	\$932.1	9
FS Seeds	FS64JV3	VT3	P250	219.2	15.4	1.0	33.9	\$929.4	12
Horizon	71PV08R	VT3	P250	218.2	14.5	2.5	36.8	\$930.1	10
Gateway	8812	VT3	C250	218.1	14.5	1.0	36.8	\$929.7	11
LG Seeds	LG2641VT3	VT3	P250	218.1	15.2	0.5	33.9	\$925.8	13
Lewis	1011VT3	VT3	P250	216.5	14.8	2.5	33.9	\$921.2	14
AgriGold	A6553VT3	VT3	P250	214.8	14.6	0.0	35.8	\$915.0	15
LG Seeds	LG2620VT3	VT3	P250	213.6	14.9	2.0	36.8	\$908.3	16
Dekalb	DKC63-42	VT3	P250	212.2	14.8	0.0	32.9	\$902.9	18
FS Seeds	FS61BX1	SS	P250	211.9	14.5	0.5	29.9	\$903.2	17
Kruger	K-1211RR	RR2	P250	210.8	14.6	0.0	35.9	\$898.0	19
Beck	5716A3	3000GT	P500	210.6	14.8	1.0	35.9	\$896.1	21
Gateway	9812	VT3	P250	210.1	14.3	5.0	32.9	\$896.6	20
Dairyland	ST9414	VT3	P250	208.8	15.9	0.5	30.9	\$882.7	24
Great Heart	HT-212VT3	VT3	P250,V	207.7	14.9	0.0	33.9	\$883.2	23
Croplan	6286VT3P	VT3P	C250	207.4	14.4	0.5	34.9	\$884.6	22
AgriGold	A6632VT3Pro	VT3P	P250	206.4	14.9	0.0	35.9	\$877.7	26
Heritage	4642VT3	VT3	P250	206.1	14.6	0.0	32.9	\$878.0	25
Garst	84Y14-3000GT	3000GT	C500	205.4	14.6	0.5	31.9	\$875.0	27
Stone	6413VT3	VT3	P250	204.9	15.5	0.0	33.9	\$868.3	28
Garst	83X61-3000GT	3000GT	C500	203.6	15.6	0.0	34.9	\$862.2	30
NuTech	3A-511A	RR2	C250	202.9	14.5	4.5	35.9	\$864.9	29
Great Lakes	6069G3VT3 CK	VT3	P250	199.7	14.0	0.0	35.8	\$853.7	37
Test Average =				198.5	14.9	0.9	34.0	\$844.0	
LSD (0.10) =				21.5	0.6	3.8			
C.V. =				6.6	2.5				

TEST COMMENTS: *When a yield variance was noticeable in the 3rd rep, I asked Roger about it. He said, "It's like that everywhere this year. The combine monitor will be showing good yields, then it may just drop off. The low yielding corn looks normal except for poor ear development." Soil compaction, flooding, and/or high heat in late August?* Lat: N39.52391, Long: W89.72377

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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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