

2010 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]
 Terry Smith, Adams County, IL 62324 [CLAYTON]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Option, Atrazine B01LWC12a
 SOIL DESCRIPTION: Ipava silty clay loam, moderately drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 2.9% OM
 PEST MANAGEMENT: Lumax 30" ROW SPACING
 FERTILITY - Applied N: 165 Spring,
 Applied N-P-K (units): 165-0-0
 SEEDED - RATE: May 26 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 30 33,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC57-50	VT3	P250	172.4	17.6	7.0	31.9	\$721.5	1
AgSource	5X-411B	HXT,RR2	C250	165.4	18.5	11.7	33.2	\$688.5	2
Dekalb	DKC59-35	VT3	P250	152.6	19.1	3.0	31.9	\$632.9	5
NuTech	G2 5H-608^	HX,RR2	C250	152.3	18.7	9.7	34.5	\$633.2	4
Kruger	K-6010VT3	VT3	C250	152.1	17.4	10.0	33.9	\$637.3	3
Merschman	Stine M-1109D-10	VT3	P500	150.7	17.7	13.3	34.5	\$630.3	6
Beck	XL 5377HR^*	HX,RR2	P500	150.5	18.7	22.0	34.5	\$625.7	8
Dekalb	DKC58-83	VT3P	P250	149.7	17.2	20.3	33.9	\$628.0	7
Great Heart	HT-193VT3	VT3	P250,V	149.4	18.5	19.7	33.8	\$621.9	9
Dairyland	ST9410	VT3	C250	147.9	18.5	5.7	35.8	\$615.6	12
Horizon	66PV41R	VT3	P250	146.7	17.0	2.0	34.5	\$616.1	11
Croplan	5415VT3P	VT3P	C250	146.0	15.8	17.0	31.9	\$617.6	10
Beck	XL 5269HXR^*	HXT,RR2	P500	144.8	18.1	14.3	31.2	\$604.2	14
NuTech	3T-810	VT3	C250	143.8	19.0	43.0	33.9	\$596.8	16
FS Seeds	FS56SV3	VT3	P250	143.4	16.3	9.7	33.9	\$604.8	13
Stone	5603VT3	VT3	P250	142.9	16.8	5.7	31.2	\$600.9	15
AgriGold	A6476VT3	VT3	P250	142.9	19.0	0.3	29.9	\$593.0	17
Great Lakes	5643VT3PRO	VT3P	P250	141.7	17.8	0.3	30.6	\$592.3	18
Great Lakes	5783G3VT3	VT3	P250	141.6	18.3	0.3	33.9	\$590.1	19
Stone	6N52VT3	VT3	P250	139.2	18.4	11.3	34.5	\$579.8	21
Great Lakes	5939G3VT3	VT3	P250	138.9	18.0	11.7	34.5	\$579.9	20
Golden Harvest	H-8969 3000GT	3000GT	C500	138.4	18.4	24.7	30.6	\$576.4	22
Kruger	K-6107VT3	VT3	C250	137.2	17.7	21.7	35.2	\$573.8	23
LG Seeds	LG2549VT3	VT3	P250	136.7	18.5	1.3	35.2	\$569.0	24
Beck	XL 5454HXR^*	HXT,RR2	P500	136.4	18.4	4.3	35.2	\$568.1	25
Heritage	4602VT3	VT3	P250	135.3	18.3	11.3	31.9	\$563.9	27
Heritage	4610VT3	VT3	P250	134.2	18.1	18.7	33.2	\$559.9	29
Dyna-Gro	V4993VT3	VT3	P250	133.7	18.2	21.7	32.5	\$557.5	30
Croplan	5757VT3	VT3	C250	133.3	16.7	4.3	33.9	\$560.9	28
Golden Harvest	H-8577 3000GT	3000GT	C500	132.9	19.0	21.3	33.2	\$551.5	31
Great Lakes	6069G3VT3 CK	VT3	P250	134.9	16.6	16.7	32.6	\$567.9	26
Test Average =				128.3	18.2	10.0	33.1	\$535.0	
LSD (0.10) =				24.8	1.4	18.6			
C.V. =				14.3	5.7				

TEST COMMENTS: Continuous rains throughout the growing season, at this site, resulted in decreased yields. 2009's field compaction together with 2010's rains diminished normal root growth. Root lodging in the plot was very abundant. Also, Terry felt that perhaps some nitrogen was washed away by the rain water. Lat: N40.01122, Long: W91.00154

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]
FULL SEASON TEST

Terry Smith, Adams County, IL 62324 [CLAYTON]

111 - 114 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Option, Atrazine

B0ILWC12b

SOIL DESCRIPTION: Ipava silty clay loam, moderately drained, conventional w/o fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.6 pH, 2.9% OM

PEST MANAGEMENT: Lumax

30" ROW SPACING

FERTILITY - Applied N: 165 Spring,

Applied N-P-K (units): 165-0-0

SEEDED - RATE: May 26 36,300 /A

TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 30 33,100 /A

AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7071	VT3	P250	166.9	19.1	1.0	31.9	\$692.2	1
Stone	681-76VT3	VT3	P250	165.0	19.1	40.0	29.9	\$684.3	2
Merschman	Stine M-911C-10	VT3	P500	162.2	19.1	32.5	32.9	\$672.7	3
Withdrawn	EX7911	VT3P	P250	160.5	18.5	0.5	30.9	\$668.1	4
Masters Choice	MCT628	3000GT	P250	158.4	21.7	0.5	35.8	\$646.7	6
LG Seeds	LG2620VT3	VT3	P250	156.9	20.5	0.0	34.9	\$645.3	7
LG Seeds	LG2641VT3	VT3	P250	156.6	20.6	4.0	32.9	\$643.6	8
Stine	9806VT3	VT3	P250	154.7	22.7	4.0	32.9	\$627.7	14
Lewis	1011VT3	VT3	P250	154.0	18.8	12.5	31.9	\$639.9	9
NuTech	G2 5X-711 [^]	HXT,RR2	C250	153.8	18.7	29.0	26.9	\$639.4	11
Kruger	K-1211RR	RR2	P250	153.7	18.5	10.0	33.9	\$639.8	10
Great Heart	HT-212VT3	VT3	P250,V	153.1	19.7	1.0	31.9	\$632.7	13
Horizon	71PV08R	VT3	P250	152.3	17.4	12.5	32.9	\$638.1	12
Beck	6179VT3	VT3	P500	150.3	18.7	0.5	31.9	\$624.9	15
Garst	83X61-3000GT	3000GT	C500	150.0	19.6	18.5	32.9	\$620.3	16
Channel	214-14VT3P	VT3P	P250	149.4	19.2	0.5	32.9	\$619.3	17
NuTech	5N-213+	3000GT	C250	148.8	20.5	2.0	30.9	\$611.9	18
Croplan	7575VT3P	VT3P	C250	148.8	21.0	4.5	33.9	\$610.1	19
Stone	6413VT3	VT3	P250	147.3	20.8	32.5	31.9	\$604.7	21
Great Heart	HT-200VT3P	VT3P	P250,V	146.5	19.5	14.5	35.8	\$606.1	20
Great Lakes	6455G3VT3	VT3	P250	146.1	19.7	13.0	31.9	\$603.8	22
Croplan	6286VT3P	VT3P	C250	145.7	20.1	30.5	29.9	\$600.6	23
Beck	XL 6464HR [^] *	HX,RR2	P500	143.9	20.3	25.0	31.9	\$592.5	25
NuTech	G2 5X-512 [^]	HXT,RR2	C250	143.4	19.7	8.5	30.9	\$592.6	24
Withdrawn	EX714	VT3P	P250	143.3	23.2	0.5	31.9	\$579.6	28
Heritage	4690VT3	VT3	P250	142.3	18.9	5.0	37.8	\$590.9	26
Gateway	9812	VT3	P250	139.5	18.6	26.5	34.9	\$580.3	27
Kruger	K-7614	VT3P	P250	139.4	19.0	1.0	35.8	\$578.5	29
Garst	84Y14-3000GT	3000GT	C500	138.3	18.3	20.0	35.9	\$576.4	31
Kruger	K-6411VT3	VT3	C250	138.2	17.9	0.5	29.9	\$577.3	30
Great Lakes	6069G3VT3 CK	VT3	P250	159.4	17.4	0.5	34.9	\$667.9	5
Test Average =				130.9	20.4	9.3	33.1	\$538.7	
LSD (0.10) =				26.5	2.4	22.2			
C.V. =				12.1	7.1				

TEST COMMENTS: Continuous rains throughout the growing season, at this site, resulted in decreased yields. 2009's field compaction together with 2010's rains diminished normal root growth. Root lodging in the plot was very abundant. Also, Terry felt that perhaps some nitrogen was washed away by the rain water.

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

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Report Date: 10/1/2010

Revised:



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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