

2011 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 B11LWC06a
 SOIL DESCRIPTION: Ipava silty clay loam, moderately drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 2.9% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE: May 12 36,600 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 30 32,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS Seeds	FS 60TV4	VT3P	C250	110	156.0	15.0	0.7	32.6	1,092.0	1
Steyer	10903	VT3P	P250	109	147.7	16.8	0.3	31.9	1,027.3	2
Renk	RK818VT3P	VT3P	P250	108	146.5	17.1	0.0	35.2	1,017.8	3
Channel	210-61VT3	VT3	P500,V	110	145.6	17.1	1.0	31.9	1,011.6	7
Beck	5442VT3	VT3	P1250,V	110	145.5	15.9	0.3	30.6	1,015.2	6
Dairyland	ST-9206SSX	STX	C250	104	145.1	15.0	1.3	31.9	1,015.7	5
Dairyland	ST-9308SSX	STX	C500,AV	108	143.3	15.3	9.7	31.2	1,002.0	8
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	143.3	16.0	0.0	29.9	999.5	9
Dairyland	ST-9210SSX	STX	C250	110	143.3	16.8	0.7	31.9	996.7	10
G2 Genetics	5H-0701^	HX,RR2	C250	106	141.6	14.9	0.7	31.9	991.2	11
Kruger	K-6408VT3	VT3	P500,V	108	140.5	16.7	0.3	32.5	977.5	12
Phoenix	5552A4*	3111	P1250,V	110	140.4	16.6	0.3	31.2	977.2	13
Great Lakes	5939G3VT3	VT3	P500,V	109	139.6	15.9	0.3	31.2	974.1	14
Kruger	K-7907	VT3P	P500,V	107	138.4	14.2	3.3	32.6	968.8	15
Stone	5714GVT3P	VT3P	P500,V	107	137.8	17.6	0.0	30.6	955.6	17
Channel	209-77VT3	VT3	P500,V	109	137.5	15.7	0.0	31.2	960.1	16
Dyna-Gro	V4993VT3	VT3	P250	108	135.7	14.5	3.0	33.8	949.9	18
Wyffels	W4179	3000GT	C250	105	135.1	14.8	0.0	29.2	945.7	19
AgriGold	A6476VT3Pro	VT3P	P500,V	110	134.8	15.8	2.0	32.5	940.9	21
FS Seeds	FS 60MV4	VT3P	C250	110	134.5	14.4	8.0	31.2	941.5	20
Pioneer	35K01 GC	RR2	C250	106	133.7	15.5	1.3	30.6	934.2	23
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	133.5	14.7	0.3	31.9	934.5	22
Dyna-Gro	D51VP40	VT3P	P250	110	133.3	16.5	1.7	33.2	928.1	24
Heritage	4602VT3	VT3	P250	109	132.0	16.2	0.3	34.5	920.0	25
Great Heart	HT-154-3111VIP*	3111	C250	110	131.7	17.4	0.3	33.2	914.0	27
Masters Choice	MCT-6054	3111	P250	110	131.3	15.6	0.7	34.5	917.1	26
Great Heart	HT-120VT3P*	VT3P	P250	110	130.9	15.7	0.7	33.2	914.0	28
LG Seeds	LG2549VT3	VT3	P500,V	109	130.7	16.2	3.3	31.2	911.0	29
Garst	85E98-3000GT	3000GT	C250	109	130.2	16.0	0.7	33.9	908.1	30
Wyffels	W5077	VT3P	P250	107	130.1	16.3	1.7	30.6	906.5	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	145.9	16.1	0.0	32.6	1,017.3	4
Test Average =					127.5	15.6	2.0	32.3	889.9	
LSD (0.10) =					28.9	0.6	6.0			
C.V. =					16.8	2.8				

TEST COMMENTS: Terry mentioned that area corn yields were being discussed at 60-70 bu/acre. His farm received 17 inches of rain in June alone. After July 10th, only 0.3 inch was received until Labor Day. Many harvested ears only measured 3-4 inches in length. Data rejected due to wide yield variation (20-100 bu/acre across reps of a single product) due to weather conditions. Lat: N40.01118, Long: W-91.0011

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

2011 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]

Terry Smith, Adams County, IL 62324 [CLAYTON]

FULL SEASON TEST

111 - 114 Day CRM

B11LWC06b

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Option, Atrazine
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: Roundup
FERTILITY - Applied N: 160 Spring,
Applied N-P-K (units): 160-0-0

30" ROW SPACING

SEEDED - RATE: May 12 36,600 /A
HARVESTED - STAND: Sep 30 32,200 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Steyer	11406	VT3P	P250	114	165.1	16.8	1.0	31.9	1,148.3	1
Gateway	9812	VT3	C250	112	162.0	16.7	2.0	32.6	1,127.1	2
Stone	6404GVT3P	VT3P	P500,V	114	158.4	18.4	0.0	30.6	1,095.3	3
Great Lakes	6455G3VT3	VT3	P500,V	114	154.2	17.0	1.7	31.9	1,071.7	4
Dairyland	ST-9111SSX	STX	C250	111	152.6	18.0	0.7	33.2	1,056.8	6
Channel	212-08VT3P	VT3P	P500,V	112	152.1	16.4	0.3	30.6	1,059.4	5
Kruger	K-7211	VT3P	P500,V	111	150.4	15.6	0.3	34.5	1,050.5	7
Pfister	2674HXTR	HXT,RR2	C250,AV	111	150.1	17.2	5.3	30.6	1,042.4	8
Wyffels	W7147	VT3P	P250	111	149.3	15.8	1.7	32.6	1,042.1	9
AgriGold	A6553VT3	VT3	P500,V	113	147.0	16.8	3.3	35.2	1,023.1	10
Channel	212-17VT3P	VT3P	P500,V	112	146.5	15.9	0.3	31.2	1,022.2	11
FS Seeds	FS 62MV4	VT3P	C250	112	145.3	16.4	0.3	30.6	1,012.0	13
AgriGold	A6573VT3	VT3	P500,V	113	145.3	17.8	0.3	31.9	1,006.9	14
Garst	84A40-3000GT	3000GT	C250	111	145.1	15.8	0.3	31.9	1,012.8	12
Pioneer	P1395AM1 GC	HXT,RR2	C250	113	143.3	17.3	0.0	30.6	994.9	16
Heritage	4640GENVT3P	VT3P	P250	111	143.0	16.5	0.0	32.6	995.6	15
Channel	212-75VT3P	VT3P	P500,V	112	142.0	16.9	3.7	31.2	987.3	17
Great Lakes	6232G3VT3	VT3	P500,V	112	141.9	16.9	0.3	31.2	986.6	18
Garst	83F08-3000GT	3000GT	C250	113	141.6	17.0	1.7	33.2	984.1	19
Mycogen	2V715	HXT,RR2	C250,AV	111	139.9	16.6	1.7	30.6	973.7	21
Great Lakes	6354G3VT3	VT3	P500,V	113	139.8	18.1	0.0	31.9	967.8	23
Heritage	4644GENVT3P	VT3P	P250	111	139.7	15.5	0.3	31.9	976.2	20
Pioneer	P1395AMRW GC	AMRW,RR2	C250	113	139.3	16.3	3.3	32.6	970.6	22
NK Brand	N72F-3000GT	3000GT	C250	113	138.9	17.3	0.7	32.6	964.3	24
Lewis	1211VT3P	VT3P	P500,V	111	137.3	15.5	3.0	34.5	959.4	25
LG Seeds	LG2602VT3	VT3	P500,V	112	137.2	16.9	1.0	31.2	953.9	26
Phoenix	5642A4*	3111	P1250,V	111	136.4	16.4	3.0	31.2	950.0	27
NK Brand	N74R-3000GT	3000GT	C250	113	135.4	17.8	0.3	31.9	938.3	28
Steyer	1147	3000GT	C250	114	135.0	17.0	1.7	31.2	938.3	29
Croplan	6160VT3PRO	VT3P	C250	111	134.3	17.0	0.3	33.2	933.4	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	126.8	16.2	0.0	30.6	883.8	41
Test Average =					128.3	16.8	1.0	32.2	892.3	
LSD (0.10) =					33.4	1.1	2.7			
C.V. =					19.3	4.8				

Eric W. Eby
F.I.R.S.T. Manager

TEST COMMENTS: Terry mentioned that area corn yields were being discussed at 60-70 bu/acre. His farm received 17 inches of rain in June alone. After July 10th, only 0.3 inch was received until Labor Day. Many harvested ears only measured 3-4 inches in length. Data rejected due to wide yield variation (20-100 bu/acre across reps of a single product) due to weather conditions. Lat: N40.01118, Long: W-91.0011

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^{††} IST: AV - Avicta, 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 comparison product, * = brands without a seed lot number, ns = not significantly different

Footnotes, Abbreviations, and Trademarks

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^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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