

2010 BETTER HYBRIDS Harvest Report for Iowa West Central [IAWC]
 Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0IAWC38a
 SOIL DESCRIPTION: Judson silt loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, Harness Xtra, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 130 Fall, 30 Spring,
 Applied N-P-K (units): 160-100-40
 SEEDING - RATE: May 4 34,000 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 2 33,700 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-77VT3	VT3	P250	231.6	18.4	1.0	32.9	\$1,122.6	1
FS Seeds	FS60MV4	VT3P	P250	230.5	18.4	6.0	30.9	\$1,117.2	2
Kruger	K-6408VT3	VT3	P250	229.0	18.2	1.0	30.9	\$1,112.0	3
Great Lakes	5643VT3PRO	VT3P	P250	226.5	17.5	1.0	34.8	\$1,107.0	4
Kruger	K-6010VT3	VT3	C250	225.8	19.2	2.0	34.8	\$1,086.3	5
LG Seeds	LG2555VT3	VT3	P250	224.8	19.0	1.0	33.8	\$1,083.5	6
Wyffels	W6871	VT3	P250	224.7	19.0	1.0	32.9	\$1,083.1	7
Stine	9731VT3Pro	VT3P	P250	222.6	18.3	1.0	35.8	\$1,079.9	8
Channel	210-61VT3	VT3	P250	222.4	18.7	3.7	32.9	\$1,075.0	9
Channel	209-19VT3	VT3	P250	219.0	18.1	1.0	32.9	\$1,064.4	10
NuTech	G2 5H-511^	HX,RR2	C250	215.6	19.1	1.0	32.9	\$1,038.2	13
NuTech	1N-109	CB/LL/RW	C250	215.2	18.2	1.0	35.8	\$1,045.0	11
Wyffels	W7071	VT3	P250	213.4	19.4	1.0	34.8	\$1,024.7	16
LG Seeds	LG2529VT3Pro	VT3P	P250	213.1	17.6	1.0	34.3	\$1,040.6	12
Merschman	Stine M-1109D-10	VT3	P500	211.7	18.5	1.0	31.4	\$1,025.2	15
Titan Pro	80A08GL	3000GT	C250	211.1	18.5	1.0	32.9	\$1,022.3	17
Renze	1300VT3	VT3	C250	211.1	18.6	1.0	35.8	\$1,021.3	18
Kruger	K-6006VT3	VT3	C250	210.7	17.7	1.0	32.4	\$1,027.9	14
Wyffels	W6261	VT3	P250	210.3	18.8	1.0	33.9	\$1,015.5	19
Producers	7014VT3	VT3	P250	209.3	19.2	1.0	35.3	\$1,006.9	23
NuTech	3T-110	VT3	C250	207.4	18.7	2.0	32.9	\$1,002.5	25
AgriGold	A6384VT3Pro	VT3P	P250	207.2	17.2	1.0	34.3	\$1,015.5	20
NuTech	3T-810	VT3	C250	206.6	20.9	1.0	33.4	\$978.1	31
Masters Choice	MCT527*	3000GT	P250	205.9	17.0	3.7	31.9	\$1,011.0	21
AgriGold	A6458VT3	VT3	P250	205.3	19.2	1.0	33.8	\$987.7	27
FS Seeds	FS56SV3	VT3	P250	204.8	16.8	2.0	32.9	\$1,007.4	22
Titan Pro	1059	None	None	204.1	17.8	2.0	36.3	\$994.8	26
Merschman	M-708D-12*	HXT,RR2	P250	203.8	18.9	1.0	35.8	\$983.2	29
LG Seeds	LG2549VT3	VT3	P250	203.0	18.6	2.0	33.4	\$982.1	30
Renze	1219VT3	VT3	C250	200.9	17.2	1.0	31.9	\$984.6	28
Pioneer	P1184XR CK	HXT,RR2	P250	208.3	18.9	1.0	35.3	\$1,004.9	24
Test Average =				206.7	18.2	1.4	33.7	\$1,003.1	
LSD (0.10) =				14.4	0.5	2.5			
C.V. =				5.1	2.0				

TEST COMMENTS: *Very nice uniform test location. Great plant establishment. Ample rainfall all season. Minor levels of leaf disease present on the upper leaves. Anthracnose stalk rot was present but low levels. Plants were very tall with large ears and strong cobs. Reported lodging was at the roots. No weed control problems observed.*

Lat: N41.2833, Long: W95.55592

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Price = \$5.00

[†] 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 Iowa West Central [IAWC]

Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

FULL SEASON TEST
111 - 114 Day CRM

B0IAWC38b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Judson silt loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, Harness Xtra, Callisto, Force
 FERTILITY - Applied N: 130 Fall, 30 Spring,
 Applied N-P-K (units): 160-100-40

30" ROW SPACING

 SEEDING - RATE: May 4 34,000 /A
 HARVESTED - STAND: Oct 2 34,100 /A

TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC63-84 GC	VT3	P250	236.3	19.8	1.0	35.8	\$1,130.5	1
Producers	7394VT3	VT3	P250	235.0	21.4	1.0	34.9	\$1,107.3	3
Dekalb	DKC62-54 GC	VT3	P250	232.4	19.1	1.0	36.8	\$1,119.1	2
Great Lakes	6354G3VT3	VT3	P250	230.9	21.7	1.0	32.9	\$1,084.9	5
LG Seeds	LG2620VT3	VT3	P250	230.8	21.5	1.0	32.9	\$1,086.5	4
AgriGold	A6553VT3	VT3	P250	229.7	21.6	2.0	33.8	\$1,080.3	7
Channel	214-14VT3P	VT3P	P250	228.3	20.8	1.0	34.8	\$1,081.9	6
Producers	7414VT3	VT3	P250	228.3	21.8	2.0	35.8	\$1,071.6	9
AgriGold	A6533VT3	VT3	P250	227.0	22.0	1.0	33.4	\$1,063.5	10
Channel	213-32VT3	VT3	P250	225.7	21.9	1.0	34.9	\$1,058.4	12
AgriGold	A6476VT3	VT3	P250	224.3	19.9	1.0	31.9	\$1,072.0	8
Kruger	K-7614	VT3P	P250	224.2	21.1	1.0	34.8	\$1,059.5	11
Mycogen	2V732	VT3	C250	221.1	20.1	1.0	36.8	\$1,054.8	13
Kruger	K-6213VT3	VT3	P250	220.8	20.9	1.0	38.2	\$1,045.4	16
LG Seeds	LG2616VT3	VT3	P250	219.1	20.0	1.0	32.9	\$1,046.2	15
Renze	1399VT3	VT3	C250	219.0	20.1	1.0	33.4	\$1,044.7	17
Wyffels	W8681	VT3	P250	218.9	23.3	1.0	34.8	\$1,012.7	27
Dyna-Gro	57V40	VT3	P250	218.6	19.2	1.0	36.8	\$1,051.7	14
Pioneer	P1236XR GC	HXT,RR2	P250	217.9	20.3	2.0	33.8	\$1,037.5	20
FS Seeds	FS64JV3	VT3	P250	217.5	21.5	1.0	35.8	\$1,023.9	23
Dekalb	DKC64-27 GC	RR2	P250	217.3	19.3	1.0	34.8	\$1,044.5	18
Dyna-Gro	D52VP20*	VT3P	P250	217.1	20.1	1.0	31.4	\$1,035.7	21
Dyna-Gro	57V38	VT3	P250	216.7	19.9	1.0	31.9	\$1,035.7	22
Kruger	K-1211RR	RR2	P250	214.5	18.3	1.0	33.4	\$1,040.6	19
Great Lakes	6455G3VT3	VT3	P250	214.4	20.9	2.0	30.9	\$1,015.1	25
Merschman	Stine M-911C-10	VT3	P500	211.5	19.6	3.0	32.9	\$1,013.7	26
Kruger	K-6411VT3	VT3	C250	211.2	18.7	2.0	34.8	\$1,020.8	24
Renze	1340VT3	VT3	C250	209.0	19.6	1.0	31.9	\$1,001.7	28
FS Seeds	FS61BX1	SS	P250	208.9	20.2	1.0	33.4	\$995.6	30
Mycogen	2H735	RR2	C250	208.1	19.3	1.0	34.8	\$1,000.2	29
Pioneer	P1184XR CK	HXT,RR2	P250	205.6	19.9	1.0	36.3	\$982.7	34
Test Average =				212.8	20.7	1.5	34.1	\$1,009.8	
LSD (0.10) =				13.7	0.9	2.3			
C.V. =				4.7	3.3				

TEST COMMENTS: *Very nice uniform test location. Great plant establishment. Ample rainfall all season. Minor levels of leaf disease present on the upper leaves. Anthracnose stalk rot was present but low levels. Plants were very tall with large ears and strong cobs. Reported lodging was at the roots. No weed control problems observed.*

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

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Report Date: 10/4/2010

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 [™]

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