

2010 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Eric & Don Franzenburg, Benton County, IA 52346 [KEYSTONE]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup

BOIAEC26a

SOIL DESCRIPTION: Ely silt loam, mod. well drained, minimum-till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6 pH, 3.7% OM

PEST MANAGEMENT: Harness Xtra

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-0-0

SEEDED - RATE: May 3 34,000 /A

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

HARVESTED - STAND: Oct 16 33,600 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-19VT3	VT3	P250	230.0	16.0	1.0	30.5	\$1,139.7	1
Dekalb	DKC58-83 GC	VT3P	P250	228.9	15.7	1.0	35.8	\$1,137.3	2
NuTech	3T-110	VT3	C250	227.1	17.1	1.0	32.4	\$1,114.0	6
Kruger	K-6107VT3	VT3	C250	226.9	15.9	1.0	36.3	\$1,125.3	3
Channel	209-77VT3	VT3	P250	225.8	15.9	1.0	33.9	\$1,119.9	4
Wyffels	W6871	VT3	P250	224.7	16.7	1.0	34.8	\$1,106.3	7
FS Seeds	FS60MV4	VT3P	P250	224.5	15.7	1.0	34.8	\$1,115.4	5
Withdrawn	EX709	VT3	P250	223.8	17.0	1.0	34.8	\$1,098.9	9
AgriGold	A6458VT3	VT3	P250	222.9	16.1	1.0	30.9	\$1,103.5	8
Channel	210-61VT3	VT3	P250	222.9	17.0	1.0	32.4	\$1,094.4	10
Lewis	910VT3	VT3	P250	219.7	15.7	1.0	34.8	\$1,091.6	11
Stine	9731VT3Pro	VT3P	P250	219.7	16.2	1.0	34.8	\$1,086.6	14
Kruger	K-6010VT3	VT3	C250	219.5	15.8	1.0	31.9	\$1,089.6	12
Channel	208-72VT3	VT3	P250	218.7	16.0	1.0	30.9	\$1,083.7	15
Kruger	K-6408VT3	VT3	P250	217.9	15.2	1.0	34.9	\$1,087.5	13
Wyffels	W7071	VT3	P250	216.5	16.2	1.0	33.8	\$1,070.8	17
Lewis	1107VT3	VT3	P250	214.8	15.4	1.0	30.9	\$1,070.1	18
Stone	5908GSS	SS	P250	213.9	15.9	1.0	33.9	\$1,060.8	19
Kruger	K-6006VT3	VT3	C250	213.5	16.2	1.0	31.4	\$1,056.0	22
Stone	6N52VT3	VT3	P250	213.3	15.8	1.0	36.3	\$1,058.8	20
Renze	7270RR2	RR2	C250	212.1	15.4	1.0	34.3	\$1,056.7	21
NuTech	1N-109	CB/LL/RW	C250	212.1	16.3	1.0	33.8	\$1,048.1	23
Titan Pro	1098	None	None	211.3	16.2	2.0	33.8	\$1,045.1	25
Wyffels	W6261	VT3	P250	210.5	16.0	1.0	34.8	\$1,043.0	27
Renk	RK744VT3	VT3	P250	209.3	14.9	1.0	33.8	\$1,047.4	24
Garst	85V88-3000GT GC	3000GT	C500	209.2	15.8	1.0	30.5	\$1,038.5	28
Dekalb	DKC59-35 GC	VT3	P250	209.0	15.8	1.0	32.4	\$1,037.5	29
Stone	5603VT3	VT3	P250	208.9	15.0	1.0	32.9	\$1,044.5	26
Stone	5508GSS	SS	P250	207.8	15.3	1.0	35.3	\$1,036.2	30
LG Seeds	LG2549VT3	VT3	P250	207.3	16.1	1.0	32.9	\$1,026.2	31
Pioneer	P1184XR CK	HXT,RR2	P250	217.7	16.4	1.0	32.9	\$1,074.8	16
Test Average =				205.0	15.7	1.0	33.6	\$1,017.8	
LSD (0.10) =				15.1	0.4	0.4			
C.V. =				5.5	1.7				

TEST COMMENTS: *Excellent test location. Just like all other IA locations, rainfall was excessive all season. This test was placed on a slope and drained very well. Plants were very tall with great pollination. Very little leaf disease was observed but slight Anthracnose was observed. Ears produced good sized deep kernels.*

Lat: N41.97491, Long: W92.20223

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

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

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Report Date: 10/21/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Eric & Don Franzenburg, Benton County, IA 52346 [KEYSTONE]

FULL SEASON TEST
111 - 114 Day CRM

B0IAEC26b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Ely silt loam, mod. well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6 pH, 3.7% OM
 PEST MANAGEMENT: Harness Xtra
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

 SEEDED - RATE: May 3 34,000 /A
 HARVESTED - STAND: Oct 16 33,800 /A

TOP 30 OF 54 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
Renk	RK880SSTX	SS	P250	225.5	17.1	1.0	33.9	\$1,106.2	1
FS Seeds	E6003	GT/CB/LL	P250	220.3	17.3	1.0	34.8	\$1,078.7	3
Renk	RK848VT3P	VT3P	P250	220.0	16.0	1.0	34.8	\$1,090.1	2
Kruger	K-6213VT3	VT3	P250	215.8	17.1	1.0	32.9	\$1,058.6	4
AgriGold	A6553VT3	VT3	P250	215.4	17.6	1.0	32.9	\$1,051.8	6
FS Seeds	FS64JV3	VT3	P250	214.5	17.1	1.0	34.8	\$1,052.2	5
LG Seeds	LG2620VT3	VT3	P250	212.7	17.3	1.0	33.8	\$1,041.5	8
Renk	RK829VT3	VT3	P250	211.4	15.7	1.0	34.3	\$1,050.3	7
Mycogen	2H735	RR2	C250	210.7	16.5	1.0	34.3	\$1,039.3	9
Great Lakes	6354G3VT3	VT3	P250	210.6	17.3	1.0	32.9	\$1,031.2	11
AgriGold	A6476VT3	VT3	P250	209.7	16.6	1.0	28.5	\$1,033.4	10
LG Seeds	LG2616VT3	VT3	P250	207.5	16.7	1.0	33.8	\$1,021.6	12
Wyffels	W8681	VT3	P250	206.7	18.1	1.0	33.8	\$1,004.7	19
AgriGold	A6533VT3	VT3	P250	206.4	17.8	1.0	35.3	\$1,006.0	16
Great Lakes	6455G3VT3	VT3	P250	205.6	17.4	1.0	36.3	\$1,005.8	17
Dyna-Gro	D52VP20*	VT3P	P250	205.3	16.3	1.0	31.9	\$1,014.5	13
Stone	7N88VT3	VT3	P250	204.4	16.7	1.0	34.8	\$1,006.4	15
Garst	84G70-3000GT GC	3000GT	C500	204.2	16.7	2.0	35.3	\$1,005.4	18
Kruger	K-1211RR	RR2	P250	203.6	15.8	1.0	35.8	\$1,010.7	14
Channel	214-14VT3P	VT3P	P250	202.7	16.9	1.0	35.8	\$996.2	23
Stone	6223VT3	VT3	P250	202.6	16.8	1.0	33.9	\$996.6	22
Merschman	Stine M-1012F-10	VT3	P500	202.5	16.8	1.0	35.8	\$996.1	24
Channel	213-32VT3	VT3	P250	202.4	17.0	1.0	31.9	\$993.8	26
Mycogen	2V732	VT3	C250	202.0	15.6	1.0	31.4	\$1,004.5	20
LG Seeds	LG2641VT3	VT3	P250	201.0	17.3	1.0	36.3	\$984.2	28
Cornelius	C649VT3	VT3	P250	200.7	15.4	1.0	34.8	\$999.9	21
Dyna-Gro	57V40	VT3	P250	200.3	16.7	1.0	33.4	\$986.2	27
FS Seeds	FS63MV4	VT3P	P250	200.2	17.4	1.0	35.3	\$979.4	30
Renk	RK844VT3	VT3	P250	199.7	15.5	1.0	30.9	\$994.0	25
Kruger	K-7614	VT3P	P250	199.6	17.0	1.0	32.9	\$980.0	29
Pioneer	P1184XR CK	HXT,RR2	P250	188.4	16.2	1.0	30.9	\$931.8	49
Test Average =				200.2	16.7	1.1	33.8	\$986.1	
LSD (0.10) =				16.5	0.4	1.6			
C.V. =				6.1	1.9				

TEST COMMENTS: *Excellent test location. Just like all other IA locations, rainfall was excessive all season. This test was placed on a slope and drained very well. Plants were very tall with great pollination. Very little leaf disease was observed but slight Anthracnose was observed. Ears produced good sized deep kernels.*

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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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