

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

Jim Greif, Linn County, IA 52310 [CENTRAL CITY]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 6.2% OM
 PEST MANAGEMENT: Impact, Status, Force
 FERTILITY - Applied N: 18 Fall, 60 Spring, 100 Sidedress,
 Applied N-P-K (units): 178-46-90

BOIAEC25a

30" ROW SPACING

SEEDED - RATE: May 5 34,000 /A
 HARVESTED - STAND: Oct 13 32,900 /A

TOP 30 OF 72 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
Garst	85E98-3000GT GC	3000GT	C500	202.4	16.7	1.0	33.8	\$996.5	2
Kruger	K-6107VT3	VT3	C250	201.7	15.8	2.0	33.8	\$1,001.2	1
Stone	6N52VT3	VT3	P250	201.0	16.2	1.0	31.9	\$994.1	4
Garst	85V88-3000GT GC	3000GT	C500	200.6	15.9	1.0	32.4	\$994.9	3
Dekalb	DKC58-83 GC	VT3P	P250	200.4	16.2	1.0	32.9	\$991.2	5
AgriGold	A6458VT3	VT3	P250	198.2	16.4	1.0	34.8	\$978.5	8
AgriGold	A6384VT3Pro	VT3P	P250	197.6	15.0	1.0	35.8	\$988.0	6
Trelay	7VP164	VT3P	P250	197.1	15.2	1.0	33.4	\$983.7	7
LG Seeds	LG2549VT3	VT3	P250	196.7	16.4	1.0	34.8	\$971.1	11
NuTech	3A-710	GT	C250	196.1	15.6	1.0	33.8	\$975.2	9
Merschman	Stine M-1109D-10	VT3	P500	195.9	15.8	1.0	33.4	\$972.4	10
NuTech	1N-109	CB/LL/RW	C250	194.7	16.0	1.0	32.9	\$964.7	12
Channel	209-77VT3	VT3	P250	194.0	15.9	1.0	33.9	\$962.1	13
Channel	208-72VT3	VT3	P250	194.0	16.2	1.0	30.9	\$959.5	15
Kruger	K-6010VT3	VT3	C250	194.0	16.4	1.0	32.9	\$957.8	17
NuTech	G2 5X-908^	HXT,RR2	C250	194.0	16.6	1.0	35.3	\$956.0	19
Renk	RK744VT3	VT3	P250	192.8	15.3	1.0	31.9	\$961.4	14
Kruger	K-6006VT3	VT3	C250	192.3	15.5	1.0	32.9	\$957.2	18
LG Seeds	LG2525RR2	RR2	P250	191.8	15.1	1.0	31.9	\$958.1	16
NuTech	3T-110	VT3	C250	191.8	16.9	1.0	30.0	\$942.6	25
Stine	9731VT3Pro	VT3P	P250	191.4	16.1	1.0	31.9	\$947.5	23
NuTech	G2 5X-909^	HXT,RR2	C250	191.2	16.9	1.0	32.4	\$939.7	28
Channel	209-19VT3	VT3	P250	190.9	15.8	1.0	31.9	\$947.6	22
Fontanelle	7V625	VT3P	P250	190.6	15.6	1.0	35.3	\$947.9	21
Lewis	1107VT3	VT3	P250	190.3	15.2	1.0	31.4	\$949.8	20
Wyffels	W6261	VT3	P250	190.3	15.9	1.0	32.9	\$943.8	24
Wyffels	W6871	VT3	P250	190.3	16.6	1.0	29.5	\$937.8	30
Renze	1300VT3	VT3	C250	190.0	16.2	1.0	33.9	\$939.7	29
Kruger	K-6408VT3	VT3	P250	189.5	15.9	1.0	33.8	\$939.8	27
Great Lakes	5211GS	SS	P250	188.8	15.2	1.0	31.9	\$942.3	26
Pioneer	P1184XR CK	HXT,RR2	P250	186.0	16.8	1.0	33.8	\$914.9	41
Test Average =				183.4	15.9	1.0	32.9	\$909.6	
LSD (0.10) =				15.0	0.9	0.5			
C.V. =				6.1	4.2				

TEST COMMENTS: This test location provided very consistent uniform results. The field was well drained to minimize the impact of excessive rainfall this season. Plants were medium height and showed a light infestation of leaf disease and Anthracnose. Ears developed good sized kernels. Plant quality was deteriorating fast as ear retention was weak.

Lat: N42.242, Long: W91.44241

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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Revised:

2010 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]
 Jim Greif, Linn County, IA 52310 [CENTRAL CITY]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 6.2% OM
 PEST MANAGEMENT: Impact, Status, Force
 FERTILITY - Applied N: 18 Fall, 60 Spring, 100 Sidedress,
 Applied N-P-K (units): 178-46-90

B0IAEC25b

30" ROW SPACING

SEEDED - RATE: May 5 34,000 /A
 HARVESTED - STAND: Oct 13 33,900 /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
Kruger	K-7614	VT3P	P250	207.5	17.7	1.0	31.9	\$1,012.3	2
Dyna-Gro	D52VP20*	VT3P	P250	206.6	16.6	1.0	33.4	\$1,018.1	1
Trelay	8T468	VT3	P250	206.0	17.0	1.0	33.8	\$1,011.5	3
Stine	9806VT3Pro	VT3P	P250	205.1	18.7	1.0	34.8	\$991.4	11
Fontanelle	8V437	VT3P	P250	205.0	17.8	1.0	31.4	\$999.2	7
Renze	1340VT3	VT3	C250	204.2	16.7	1.0	32.9	\$1,005.4	5
Kruger	K-1211RR	RR2	P250	204.0	16.7	1.0	33.8	\$1,004.4	6
Renk	RK848VT3P	VT3P	P250	203.2	15.9	1.0	34.4	\$1,007.8	4
LG Seeds	LG2620VT3	VT3	P250	202.5	18.2	1.0	32.9	\$983.3	17
Renze	1399VT3	VT3	C250	202.4	16.7	1.0	33.8	\$996.5	9
Mycogen	2H735	RR2	C250	202.2	16.9	1.0	35.8	\$993.7	10
Dyna-Gro	57V38	VT3	P250	202.1	17.1	1.0	33.8	\$991.4	12
Lewis	1011VT3	VT3	P250	201.8	17.0	1.0	32.9	\$990.8	13
Trelay	7VP745	VT3P	P250	201.7	16.3	1.0	35.8	\$996.7	8
Stone	7N88VT3	VT3	P250	201.5	17.2	2.0	32.9	\$987.6	15
Dyna-Gro	57V40	VT3	P250	200.7	17.3	1.0	30.0	\$982.7	18
Merschman	Stine M-1012F-10	VT3	P500	200.6	16.7	1.0	32.9	\$987.7	14
FS Seeds	FS63MV4	VT3P	P250	200.5	17.7	1.0	35.8	\$978.1	19
AgriGold	A6553VT3	VT3	P250	200.3	17.6	1.0	33.8	\$978.1	20
Cornelius	C636VT3	VT3	C250	200.2	16.5	1.0	32.9	\$987.5	16
LG Seeds	LG2641VT3	VT3	P250	200.1	17.8	1.0	35.3	\$975.3	21
Great Lakes	6455G3VT3	VT3	P250	199.5	18.0	1.0	33.4	\$970.6	24
AgriGold	A6476VT3	VT3	P250	198.0	16.9	1.0	31.9	\$973.1	23
Renk	RK880SSTX	SS	P250	197.7	16.7	1.0	32.9	\$973.4	22
Channel	214-14VT3P	VT3P	P250	197.5	17.4	2.0	33.8	\$966.2	25
LG Seeds	LG2616VT3	VT3	P250	196.5	17.1	1.0	34.3	\$963.9	26
Kruger	K-6213VT3	VT3	P250	196.1	17.3	1.0	33.8	\$960.2	27
Merschman	Stine M-1011G-10	VT3	P500	195.4	17.0	1.0	35.3	\$959.4	28
Stine	9730VT3Pro	VT3P	P250	195.0	17.6	9.0	33.4	\$952.2	29
Renk	RK844VT3	VT3	P250	191.4	16.0	1.0	36.8	\$948.4	30
Pioneer	P1184XR CK	HXT,RR2	P250	184.6	16.7	1.0	32.9	\$908.9	44
Test Average =				194.0	17.1	1.5	33.9	\$951.8	
LSD (0.10) =				13.3	0.9	3.0			
C.V. =				5.0	3.8				

TEST COMMENTS: *This test location provided very consistent uniform results. The field was well drained to minimize the impact of excessive rainfall this season. Plants were medium height and showed a light infestation of leaf disease and Anthracnose. Ears developed good sized kernels. Plant quality was deteriorating fast as ear retention was weak.* Lat: N42.242, Long: W91.44241

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

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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 [™]

Trademarks

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