

2010 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]
 Paul Van Donselaar, Mahaska County, IA 52577 [OSKALOOSA]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup BOIAEC29a
 SOIL DESCRIPTION: Mahaska silty clay loam, mod. well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.9 pH, 6% OM
 PEST MANAGEMENT: Lumax 30" ROW SPACING
 FERTILITY - Applied N: 63 Fall, 120 Spring,
 Applied N-P-K (units): 183-48-72
 SEEDED - RATE: Apr 20 34,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 20 34,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	6N52VT3	VT3	P250	219.4	21.0	1.0	34.8	\$1,018.0	1
Channel	209-77VT3	VT3	P250	218.1	20.9	1.0	34.8	\$1,013.3	2
Fontanelle	7V657	VT3P	P250	215.5	21.1	2.0	31.9	\$998.6	3
Wyffels	W6871	VT3	P250	209.4	22.7	1.0	35.3	\$950.3	9
Dekalb	DKC58-83 GC	VT3P	P250	208.4	19.6	1.0	32.9	\$984.5	4
Titan Pro	80A10	CB/LL/RW	C250	206.8	20.8	1.0	36.3	\$962.0	6
Lewis	910VT3	VT3	P250	206.2	21.4	1.0	34.8	\$951.8	7
NuTech	3T-110	VT3	C250	205.1	21.2	1.0	35.3	\$949.2	10
Lewis	1107VT3	VT3	P250	205.0	19.1	2.0	35.3	\$974.6	5
Channel	210-61VT3	VT3	P250	204.0	21.2	1.0	33.8	\$944.1	14
Renze	1300VT3	VT3	C250	203.7	21.0	2.0	34.8	\$945.2	12
Channel	208-72VT3	VT3	P250	203.4	20.4	1.0	33.8	\$951.1	8
FS Seeds	FS60MV4	VT3P	P250	202.1	21.4	1.0	36.3	\$932.9	17
LG Seeds	LG2548VT3	VT3	P250	201.6	21.4	1.0	35.8	\$930.6	20
Great Lakes	5643VT3PRO	VT3P	P250	200.9	20.0	1.0	32.9	\$944.2	13
Trelay	7VP164	VT3P	P250	200.2	19.5	1.0	33.4	\$946.9	11
Kruger	K-6107VT3	VT3	C250	199.4	20.0	1.0	33.8	\$937.2	16
Stine	9731VT3Pro	VT3P	P250	198.8	21.6	1.0	36.3	\$915.3	24
Cornelius	C510	None	C250	198.6	20.2	1.0	34.8	\$931.0	19
Dekalb	DKC59-35 GC	VT3	P250	198.0	20.6	1.0	34.3	\$923.5	21
Kruger	K-6408VT3	VT3	P250	197.9	19.3	1.0	33.8	\$938.4	15
Trelay	6ST778	SS	P250	196.0	20.2	1.0	31.9	\$918.8	23
Wyffels	W7071	VT3	P250	195.6	21.5	1.0	35.8	\$901.7	26
Renze	1219VT3	VT3	C250	195.5	18.9	1.0	32.9	\$931.8	18
Mycogen	2J597	SS	C250	194.4	20.1	1.0	32.4	\$912.5	25
Titan Pro	89A06GL	3000GT	C250	194.0	19.2	1.0	37.3	\$921.1	22
Titan Pro	1098	None	None	193.5	21.0	1.0	32.4	\$897.8	28
Wyffels	W6261	VT3	P250	191.5	20.7	1.0	33.8	\$892.0	30
Merschman	M-806B-10	VT3	P500	190.9	20.2	1.0	34.8	\$894.9	29
Stone	5603VT3	VT3	P250	189.8	19.3	1.0	32.9	\$900.0	27
Pioneer	P1184XR CK	HXT,RR2	P250	160.5	20.5	1.0	35.8	\$749.5	56
Test Average =				178.7	20.2	1.1	34.2	\$837.3	
LSD (0.10) =				38.6	0.8	0.9			
C.V. =				16.0	3.0				

TEST COMMENTS: This site received an excessive amount of rain all season. The early test had standing water on multiple occasions. Anthracnose and stalk lodging was apparent with a few root lodged hybrids. Little to no foliar diseases were present.

Early test yield results are statistically valid but highly variable, use with reservation. Lat: N41.25099, Long: W92.52633

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 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 East Central [IAEC]

Paul Van Donselaar, Mahaska County, IA 52577 [OSKALOOSA]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0IAEC29b

SOIL DESCRIPTION: Mahaska silty clay loam, mod. well drained, minimum-till, non-irrigated

SOIL CONDITIONS: High P, high K, 5.9 pH, 6% OM

PEST MANAGEMENT: Lumax

30" ROW SPACING

FERTILITY - Applied N: 63 Fall, 120 Spring,

Applied N-P-K (units): 183-48-72

SEEDED - RATE: Apr 20 34,000 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 20 34,600 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2620VT3	VT3	P250	231.6	24.3	1.0	34.8	\$1,028.8	1
AgriGold	A6553VT3	VT3	P250	229.6	25.2	1.0	34.9	\$1,007.5	8
Channel	214-14VT3P	VT3P	P250	228.1	23.2	1.0	33.9	\$1,028.3	2
Channel	213-32VT3	VT3	P250	226.6	24.6	1.0	35.4	\$1,002.5	10
Trelay	8T468	VT3	P250	225.0	22.7	1.0	34.8	\$1,021.1	5
Great Lakes	6354G3VT3	VT3	P250	224.7	24.3	1.0	31.9	\$998.1	12
LG Seeds	LG2641VT3	VT3	P250	224.7	25.1	1.0	34.8	\$987.3	16
Dyna-Gro	57V38	VT3	P250	224.5	22.5	1.0	36.8	\$1,021.5	4
Renk	RK880SSTX	SS	P250	224.4	22.0	1.0	33.4	\$1,027.8	3
Stine	9806VT3Pro	VT3P	P250	224.3	26.9	1.0	34.3	\$961.3	30
LG Seeds	LG2616VT3	VT3	P250	223.4	22.8	1.0	34.8	\$1,012.4	7
Great Lakes	6455G3VT3	VT3	P250	220.1	25.1	1.0	32.9	\$967.1	27
AgriGold	A6533VT3	VT3	P250	219.5	24.6	1.0	36.8	\$971.1	26
Kruger	K-1211RR	RR2	P250	217.6	21.2	1.0	35.8	\$1,007.1	9
Wyffels	W8430	RR2	P250	217.0	23.1	1.0	36.8	\$979.5	20
Kruger	K-6213VT3	VT3	P250	216.9	22.8	1.0	31.4	\$983.0	17
Kruger	K-6411VT3	VT3	C250	216.6	21.2	1.0	35.3	\$1,002.4	11
Stone	6223VT3	VT3	P250	216.4	24.1	1.0	36.3	\$963.8	28
Cornelius	C664-3000GT	3000GT	C250	216.2	23.2	8.0	34.8	\$974.6	22
Lewis	1011VT3	VT3	P250	216.1	21.4	1.0	35.8	\$997.5	13
Merschman	Stine M-911C-10	VT3	P500	214.4	22.6	3.7	33.8	\$974.2	23
Wyffels	XW6927	RR2	P250	214.3	20.9	1.0	32.9	\$995.6	14
Merschman	Stine M-1012F-10	VT3	P500	213.7	21.9	2.0	33.9	\$980.0	19
Fontanelle	8V437	VT3P	P250	213.7	22.6	1.0	35.8	\$971.1	25
Mycogen	2V732	VT3	C250	213.4	22.1	3.7	33.8	\$976.1	21
Withdrawn	EX7911	VT3P	P250	212.1	20.6	1.0	35.3	\$989.2	15
Cornelius	C649VT3	VT3	P250	211.4	21.0	1.0	34.3	\$980.9	18
Renze	1399VT3	VT3	C250	211.0	22.3	2.0	34.4	\$962.6	29
Withdrawn	EX711	RR2	P250	209.0	20.7	1.0	31.4	\$973.5	24
Renze	1340VT3	VT3	C250	208.4	21.5	1.0	34.3	\$960.7	31
Pioneer	P1184XR CK	HXT,RR2	P250	223.0	22.1	1.0	37.3	\$1,020.0	6
Test Average =				213.1	23.0	1.6	34.6	\$963.1	
LSD (0.10) =				13.8	0.8	2.9			
C.V. =				4.8	2.5				

TEST COMMENTS: This site received an excessive amount of rain all season. Conditions were hot and wet mid to late season.

Stalk lodging was common due in part to Anthracnose with a few root lodged hybrids. Little to no foliar diseases were present.

Full season test had no standing water issues delivering outstanding quality yield results.

Lat: N41.25099, Long: W92.52633

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 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:



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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