

2010 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
 Mark Christianson, Howard County, IA 50466 [SARATOGA]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos BOIANC21a
 SOIL DESCRIPTION: Schley/Floyd silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 2.4% OM
 PEST MANAGEMENT: Dual II Magnum, Atrazine, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 21 Fall, 115 Spring, 45 Sidedress,
 Applied N-P-K (units): 181-53-99
 SEEDED - RATE: Apr 28 33,600 /A TOP 30 OF 66 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 9 32,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	199-55VT3	VT3	P250	228.9	19.3	1.0	34.4	\$876.2	1
NuTech	3T-401A	VT3	C250	225.9	19.6	1.0	30.7	\$862.0	2
Trelay	6ST576	SS	P250	224.9	21.4	1.0	32.5	\$842.0	6
LG Seeds	LG2525RR2	RR2	P250	224.6	20.6	1.0	29.8	\$848.1	4
AgriGold	A6276VT3	VT3	P250	223.7	19.3	2.0	34.4	\$856.3	3
Jung	7S555	SS	P250	222.4	20.1	1.0	33.5	\$844.2	5
NuTech	G2 5X-905^	HXT,RR2	C250	221.1	20.6	1.0	32.6	\$834.9	8
Gold Country	101-99	SS	P250	220.9	20.5	1.0	33.5	\$835.0	7
AgriGold	A6389VT3	VT3	P250	217.9	20.4	1.0	33.5	\$824.5	9
Cornelius	C339VT3	VT3	C250	217.0	20.1	1.0	31.6	\$823.7	10
Great Lakes	5211GS	SS	P250	215.6	20.7	1.0	34.4	\$813.2	13
Renze	1219VT3	VT3	C250	215.3	19.5	1.0	33.5	\$822.4	11
Mycogen	2J597	SS	C250	215.1	20.7	3.7	33.5	\$811.4	14
LG Seeds	LG2532VT3	VT3	P250	215.0	20.8	1.0	33.5	\$810.1	16
AgriGold	A6309STX	SS	P250	214.5	20.5	1.0	28.8	\$810.8	15
Kruger	K-7302	VT3P	P250	214.0	19.6	1.0	34.4	\$816.6	12
FS Seeds	FS52SV3	VT3	P250	214.0	20.5	1.0	32.5	\$808.9	18
Titan Pro	1059	None	None	213.6	21.6	1.0	32.5	\$798.0	25
Jung	7610VT3	VT3P	P250	212.7	20.8	1.0	29.8	\$801.5	21
Kruger	K-6102VT3	VT3	C250	211.7	19.4	1.0	29.8	\$809.5	17
Titan Pro	80A01GL	3000GT	C250	211.7	20.1	1.0	30.7	\$803.6	19
LG Seeds	LG2529VT3Pro	VT3P	P250	211.5	20.2	1.0	33.5	\$802.0	20
Dairyland	ST9006	VT3	P250	211.5	20.9	1.0	33.5	\$796.1	26
Great Lakes	5643VT3PRO	VT3P	P250	211.5	21.9	1.0	35.3	\$787.6	27
Cornelius	C319VT3	VT3	P250	211.3	20.4	1.0	32.5	\$799.6	22
Fontanelle	5T426	VT3	P250	210.8	20.3	1.0	31.6	\$798.5	23
Stine	9523VT3	VT3	P250	210.3	20.1	1.0	28.8	\$798.3	24
Wyffels	W2751	VT3	P250	207.6	20.4	1.0	32.6	\$785.6	29
Channel	201-16VT3	VT3	P250	203.8	19.1	1.0	32.5	\$781.8	30
Trelay	5VP688	VT3P	P250	202.0	17.6	9.0	33.5	\$787.0	28
Pioneer	35K04 CK	HXT,RR2	P250	199.4	20.9	1.0	34.4	\$750.5	44
Test Average =				204.3	20.3	1.2	32.4	\$774.0	
LSD (0.10) =				17.9	0.2	0.9			
C.V. =				6.5	0.6				

TEST COMMENTS: *This site had great weather all season long. Combined with very low incidences of insect or disease pressure, timely rains gave this field what it needed for great yields. Kernels were set to the very tip of the ear and despite an accelerated accumulation of GDU's through grain fill, kernel depth was average.*
Lat: N43.36141, Long: W92.4284

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

[†] 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 North Central [IANC]

Mark Christianson, Howard County, IA 50466 [SARATOGA]

FULL SEASON TEST
107 - 110 Day CRM

B0IANC21b

PREV. CROP/HERB: Soybean / Glyphos
 SOIL DESCRIPTION: Schley/Floyd silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 2.4% OM
 PEST MANAGEMENT: Dual II Magnum, Atrazine, Callisto, Force
 FERTILITY - Applied N: 21 Fall, 115 Spring, 45 Sidedress,
 Applied N-P-K (units): 181-53-99

30" ROW SPACING

SEEDED - RATE: Apr 28 33,600 /A
 HARVESTED - STAND: Oct 9 33,000 /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
Wyffels	W6871	VT3	P250	259.3	24.5	1.0	33.5	\$938.7	1
Kruger	K-6010VT3	VT3	C250	251.8	23.7	1.0	31.6	\$919.6	2
Gold Country	110-35	VT3	P250	250.1	23.2	1.0	34.4	\$918.4	3
Channel	209-77VT3	VT3	P250	245.9	22.2	1.0	34.4	\$912.8	4
Channel	210-61VT3	VT3	P250	244.8	24.2	1.0	32.5	\$889.1	7
Dyna-Gro	V4993VT3	VT3	P250	241.9	21.4	1.0	29.8	\$905.7	5
NuTech	3A-406A	GT	C250	240.0	21.2	2.0	34.4	\$900.5	6
Mycogen	2C641	RR2	C250	238.3	23.0	1.0	34.4	\$876.9	10
Kruger	K-6408VT3	VT3	P250	236.4	21.9	1.0	34.4	\$880.4	8
Renze	7270RR2	RR2	C250	235.1	22.8	1.0	35.3	\$867.0	12
Dairyland	ST9410	VT3	C250	234.5	23.7	1.0	31.6	\$856.4	13
AgriGold	A6384VT3Pro	VT3P	P250	234.2	21.2	1.0	33.5	\$878.7	9
Dyna-Gro	57V40	VT3	P250	234.0	24.3	1.0	34.4	\$849.0	14
Channel	209-19VT3	VT3	P250	233.5	21.8	1.0	35.3	\$870.5	11
AgriGold	A6458VT3	VT3	P250	230.9	24.5	1.0	33.5	\$835.9	18
LG Seeds	LG2549VT3	VT3	P250	228.7	24.6	1.0	30.7	\$827.0	20
NuTech	1N-109	CB/LL/RW	C250	228.3	23.2	1.0	31.6	\$838.3	15
Great Lakes	5939G3VT3	VT3	P250	228.0	24.2	1.0	35.3	\$828.1	19
Wyffels	W6261	VT3	P250	226.1	23.6	1.0	29.8	\$826.6	21
NuTech	G2 5X-509^	HXT,RR2	C250	226.0	22.5	1.0	33.5	\$836.2	17
Mycogen	2D692	SS	C250	224.6	24.8	1.0	33.5	\$810.4	23
FS Seeds	FS57SV3	VT3	P250	223.8	21.4	1.0	37.2	\$837.9	16
NuTech	G2 5H-608^	HX,RR2	C250	221.8	22.5	1.0	34.4	\$820.7	22
Stine	9531VT3Pro	VT3P	P250	218.4	23.3	1.0	31.6	\$801.1	24
Stine	9528VT3Pro	VT3P	P250	218.4	25.7	1.0	28.8	\$780.1	29
FS Seeds	FS60MV4	VT3P	P250	216.8	23.3	1.0	33.4	\$795.2	25
LG Seeds	LG2555VT3	VT3	P250	215.6	24.9	1.0	35.3	\$777.0	31
LG Seeds	LG2547VT3	VT3	P250	213.9	23.9	1.0	29.8	\$779.5	30
Renze	1300VT3	VT3	C250	213.0	22.6	1.0	34.4	\$787.2	26
Cornelius	C510	None	C250	209.6	21.3	1.0	36.3	\$785.6	28
Pioneer	35K04 CK	HXT,RR2	P250	210.1	21.4	1.0	31.6	\$786.6	27
Test Average =				219.7	23.0	1.0	33.0	\$808.4	
LSD (0.10) =				18.0	1.5	0.4			
C.V. =				6.0	4.7				

TEST COMMENTS: This site had great weather all season long. Combined with very low incidences of insect or disease pressure, timely rains gave this field what it needed for great yields. Kernels were set to the very tip of the ear and despite an accelerated accumulation of GDU's through grain fill, kernel depth was average.

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 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS
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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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