

2010 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
 Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos BOIANC22a
 SOIL DESCRIPTION: Marquis/Readlyn silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Fulltime, Hornet, Force 30" ROW SPACING
 FERTILITY - Applied N: 17 Fall, 30 Spring, 140 Sidedress,
 Applied N-P-K (units): 187-78-90
 SEEDING - RATE: Apr 29 33,600 /A TOP 30 OF 66 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 29 33,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	101-99	SS	P250	214.9	19.6	9.7	34.4	\$820.1	1
Jung	7S555	SS	P250	214.2	19.9	13.7	35.3	\$814.8	3
Renze	1219VT3	VT3	C250	213.7	19.6	22.3	32.6	\$815.5	2
LG Seeds	LG2529VT3Pro	VT3P	P250	211.3	19.4	13.7	34.4	\$808.0	4
Trelay	6ST576	SS	P250	209.5	19.9	20.7	34.4	\$796.9	5
Channel	205-94VT3	VT3	P250	208.0	20.2	41.0	30.7	\$788.7	8
Cornelius	C319VT3	VT3	P250	206.8	19.1	9.0	29.8	\$793.3	6
Great Lakes	5643VT3PRO	VT3P	P250	206.7	19.3	13.7	33.5	\$791.2	7
AgriGold	A6276VT3	VT3	P250	205.7	19.6	20.3	34.4	\$785.0	9
Titan Pro	80A01GL	3000GT	C250	204.9	20.0	7.3	35.3	\$778.6	12
Wyffels	W2681	VT3	P250	204.5	19.5	8.0	31.6	\$781.2	10
Jung	7610VT3	VT3P	P250	204.5	20.4	9.7	34.4	\$773.8	14
Dairyland	ST9006	VT3	P250	203.7	19.2	25.7	32.5	\$780.6	11
NuTech	3T-401A	VT3	C250	203.5	19.6	9.7	35.3	\$776.6	13
NuTech	G2 5X-905^	HXT,RR2	C250	203.3	20.2	7.3	34.4	\$770.9	15
Cornelius	C339VT3	VT3	C250	202.5	19.9	12.0	30.7	\$770.3	16
AgSource	3T-603A	VT3	C250	201.6	20.2	29.3	35.3	\$764.5	19
Great Lakes	5211GS	SS	P250	201.4	20.2	11.0	34.4	\$763.7	21
Kruger	K-6006VT3	VT3	C250	201.2	20.6	49.0	35.3	\$759.7	25
Titan Pro	80X05	HXT	C250	200.9	20.4	16.3	33.5	\$760.2	24
FS Seeds	FS53SV3	VT3	P250	200.5	19.7	4.0	31.6	\$764.3	20
AgriGold	A6309STX	SS	P250	200.4	20.1	5.7	32.5	\$760.7	23
AgriGold	A6389VT3	VT3	P250	199.9	19.3	20.3	32.5	\$765.2	18
Stine	9523VT3	VT3	P250	199.0	19.4	14.3	34.4	\$761.0	22
Mycogen	2K592	VT3	C250	199.0	20.4	11.3	32.6	\$753.0	28
Channel	199-55VT3	VT3	P250	197.1	17.9	4.0	37.2	\$765.5	17
Viking	B53-03R	VT3	P250	197.0	19.4	8.0	34.4	\$753.3	27
AgSource	5N-804A	3000GT	C250	196.3	19.7	4.0	30.7	\$748.3	29
Mycogen	2J597	SS	C250	195.7	19.9	4.0	31.6	\$744.4	30
NuTech	5N-705	3000GT	C250	195.0	19.7	7.3	28.8	\$743.3	31
Pioneer	35K04 CK	HXT,RR2	P250	200.8	20.6	16.7	33.5	\$758.2	26
Test Average =				194.7	19.7	11.7	33.2	\$742.1	
LSD (0.10) =				14.3	0.8	9.8			
C.V. =				5.4	3.1				

TEST COMMENTS: Plot got off to a great start with this early spring, stands were great, and emergence was good and even.
 During late July and all of August the rain seemed to never stop. Plot area is well tiled and never held any surface water for any
 extended periods of time. Very little disease noted. Lat: N42.48587, Long: W92.16525

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]
 Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B0IANC22b
 SOIL DESCRIPTION: Marquis/Readlyn silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Fulltime, Hornet, Force 30" ROW SPACING
 FERTILITY - Applied N: 17 Fall, 30 Spring, 140 Sidedress,
 Applied N-P-K (units): 187-78-90
 SEEDING - RATE: Apr 29 33,600 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 29 33,800 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	110-35	VT3	P250	219.8	20.9	11.3	32.6	\$827.3	1
Channel	209-77VT3	VT3	P250	216.7	20.6	16.0	36.2	\$818.3	2
Dairyland	ST9410	VT3	C250	216.5	21.4	12.0	33.5	\$810.6	4
Channel	210-61VT3	VT3	P250	214.6	22.7	9.7	35.3	\$792.3	6
AgriGold	A6384VT3Pro	VT3P	P250	213.1	19.8	19.0	30.7	\$811.5	3
Channel	209-19VT3	VT3	P250	212.9	20.1	64.0	32.6	\$808.2	5
Wyffels	W6261	VT3	P250	209.5	21.4	12.7	32.5	\$784.4	9
Kruger	K-6408VT3	VT3	P250	209.0	20.3	4.0	31.6	\$791.7	7
Kruger	K-6010VT3	VT3	C250	208.5	20.8	12.0	34.4	\$785.6	8
Wyffels	W6871	VT3	P250	208.2	21.2	18.0	33.5	\$781.2	10
AgriGold	A6458VT3	VT3	P250	205.6	20.5	31.3	32.5	\$777.2	11
LG Seeds	LG2549VT3	VT3	P250	205.5	21.6	27.7	32.5	\$767.7	13
Dyna-Gro	V4993VT3	VT3	P250	205.4	20.5	11.3	33.5	\$776.4	12
Wyffels	W7071	VT3	P250	204.8	22.6	9.7	34.4	\$756.9	18
Dyna-Gro	57V40	VT3	P250	204.5	21.5	11.3	33.5	\$764.8	14
NuTech	G2 5H-608^	HX,RR2	C250	203.1	21.1	7.3	35.3	\$762.8	15
Stine	9531VT3Pro	VT3P	P250	202.3	21.3	13.7	35.3	\$758.2	17
FS Seeds	FS57SV3	VT3	P250	199.6	19.9	9.7	33.5	\$759.3	16
LG Seeds	LG2547VT3	VT3	P250	198.5	20.6	14.3	30.7	\$749.5	21
FS Seeds	FS60MV4	VT3P	P250	198.3	20.0	21.7	31.6	\$753.5	20
NuTech	G2 5X-509^	HXT,RR2	C250	197.8	21.6	5.7	34.4	\$739.0	25
NuTech	G2 5X-007A^	HXT,RR2	C250	197.7	19.5	7.3	33.5	\$755.2	19
Renze	1300VT3	VT3	C250	196.9	21.0	33.0	35.3	\$740.3	24
NuTech	3A-406A	GT	C250	196.4	20.2	9.7	32.5	\$744.7	23
Renze	7270RR2	RR2	C250	196.3	19.7	16.0	35.3	\$748.3	22
NuTech	G2 5H-007^	HX,RR2	C250	194.3	20.0	16.7	31.6	\$738.3	26
NuTech	1N-109	CB/LL/RW	C250	194.2	20.1	19.0	37.2	\$737.2	27
Great Lakes	5939G3VT3	VT3	P250	193.7	21.4	12.0	34.4	\$725.2	31
Mycogen	2C641	RR2	C250	191.8	19.8	9.7	32.6	\$730.4	30
Dekalb	DKC52-59 GC	VT3	P250	189.2	18.0	9.7	35.3	\$734.1	28
Pioneer	35K04 CK	HXT,RR2	P250	193.4	20.5	32.3	32.5	\$731.1	29
Test Average =				197.6	20.8	15.7	33.8	\$744.7	
LSD (0.10) =				15.4	0.8	10.8			
C.V. =				5.7	2.9				

TEST COMMENTS: Plot got off to a great start with this early spring, stands were great, and emergence was good and even. During late July and all of August the rain seemed to never stop. Plot area is well tilled and never held any surface water for any extended periods of time. Very little disease noted. Lat: N42.48587, Long: W92.16525

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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



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

- Excalibre[™] is a trademark of Advanced Biological Marketing
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