

2010 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
EARLY SEASON TEST

Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

101 - 106 Day CRM

PREV. CROP/HERB: Corn / Corvus BOIANC20a
 SOIL DESCRIPTION: Clarion/Webster silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.2 pH, 4.8% OM
 PEST MANAGEMENT: Corvus, Force 30" ROW SPACING
 FERTILITY - Applied N: 198 Spring,
 Applied N-P-K (units): 198-46-60
 SEEDED - RATE: Apr 23 35,100 /A TOP 30 OF 66 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 27 32,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	5643VT3PRO	VT3P	P250	238.1	21.8	8.0	34.4	\$887.6	1
Cornelius	C339VT3	VT3	C250	227.2	22.5	5.7	33.5	\$840.6	2
FS Seeds	FS52SV3	VT3	P250	210.7	21.2	13.7	31.6	\$790.5	3
Stine	9523VT3	VT3	P250	207.8	22.7	8.0	35.3	\$767.2	4
Jung	7S555	SS	P250	207.6	23.0	9.7	33.5	\$764.0	6
Dairyland	ST9006	VT3	P250	206.6	22.5	27.7	32.6	\$764.4	5
NuTech	3T-401A	VT3	C250	202.8	22.3	5.7	31.6	\$752.0	7
AgSource	5N-804A	3000GT	C250	201.2	22.5	4.0	30.7	\$744.4	8
FS Seeds	FS56SV3	VT3	P250	199.4	22.9	11.3	32.6	\$734.6	9
Mycogen	2J597	SS	C250	198.3	23.1	5.7	31.6	\$729.0	11
LG Seeds	LG2525RR2	RR2	P250	198.2	23.0	5.7	29.8	\$729.4	10
Mycogen	2K592	VT3	C250	198.1	23.7	11.3	33.4	\$723.5	14
Titan Pro	80A01GL	3000GT	C250	196.3	22.6	4.0	33.5	\$725.5	12
Jung	7610VT3	VT3P	P250	196.1	24.3	5.7	31.6	\$711.5	21
NuTech	G2 5H-404^	HX,RR2	C250	195.6	22.6	5.7	29.8	\$722.9	15
Gold Country	101-99	SS	P250	194.9	23.3	9.0	36.2	\$714.9	19
NuTech	G2 5X-905^	HXT,RR2	C250	194.5	21.8	7.3	32.5	\$725.1	13
LG Seeds	LG2529VT3Pro	VT3P	P250	194.1	22.0	11.0	28.8	\$722.1	16
Trelay	6VT154	VT3	P250	192.1	22.2	9.7	32.5	\$713.1	20
LG Seeds	LG2532VT3	VT3	P250	191.3	22.4	22.7	30.7	\$708.6	22
Trelay	5VP688	VT3P	P250	191.0	20.6	7.3	35.3	\$721.2	17
Cornelius	C319VT3	VT3	P250	190.9	21.2	19.0	32.5	\$716.3	18
Cornelius	C447VT3	VT3	P250	189.7	22.3	16.7	34.4	\$703.4	23
Gold Country	103-09	VT3	P250	188.8	22.6	5.7	27.9	\$697.8	25
Gold Country	101-01	VT3	P250	187.8	21.7	11.3	32.6	\$700.9	24
Wyffels	W5051	VT3	P250	186.4	21.9	24.7	30.7	\$694.2	26
Titan Pro	80X05	HXT	C250	185.4	22.7	16.7	36.2	\$684.5	28
FS Seeds	FS54SX1	SS	P250	184.6	23.1	5.7	27.0	\$678.6	30
Renze	1219VT3	VT3	C250	184.2	22.5	8.0	29.8	\$681.5	29
Viking	B53-03R	VT3	P250	183.5	21.7	11.3	34.4	\$684.8	27
Pioneer	35K04 CK	HXT,RR2	P250	161.7	23.5	13.7	32.6	\$591.8	57
Test Average =				181.3	22.4	12.3	32.5	\$671.8	
LSD (0.10) =				23.0	0.7	11.4			
C.V. =				9.4	2.4				

TEST COMMENTS: Plot got off to a great start, and received adequate rainfall until July 25th, then the faucet turned off. Only a 1/2 inch of rain recorded during August and early September. There was very little evidence of any diseases present at the time of harvest. Majority of lodging occurred above the ear. No root lodging observed. Lat: N42.49191, Long: W93.32097

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]
 Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Corn / Corvus BOIANC20b
 SOIL DESCRIPTION: Clarion/Webster silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.2 pH, 4.8% OM
 PEST MANAGEMENT: Corvus, Force 30" ROW SPACING
 FERTILITY - Applied N: 198 Spring,
 Applied N-P-K (units): 198-46-60
 SEEDING - RATE: Apr 23 35,100 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 27 33,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	57V40	VT3	P250	227.3	25.8	9.0	32.6	\$811.0	1
AgriGold	A6384VT3Pro	VT3P	P250	215.2	22.6	7.3	36.2	\$795.4	2
NuTech	G2 5X-509^	HXT,RR2	C250	215.0	25.7	4.0	30.7	\$768.0	3
Wyffels	W7071	VT3	P250	209.9	26.0	7.3	31.6	\$747.2	4
Channel	210-61VT3	VT3	P250	206.7	25.7	8.0	34.4	\$738.3	5
Wyffels	W6261	VT3	P250	204.1	25.2	11.3	36.2	\$733.1	6
LG Seeds	LG2555VT3	VT3	P250	199.1	24.5	19.0	36.2	\$720.7	7
Kruger	K-6408VT3	VT3	P250	196.2	24.9	7.3	35.3	\$707.1	8
Channel	209-19VT3	VT3	P250	190.4	23.1	40.3	29.8	\$699.9	9
Renze	7270RR2	RR2	C250	189.0	23.7	5.7	32.5	\$690.2	10
Gold Country	110-35	VT3	P250	187.4	24.6	8.0	35.3	\$677.6	11
LG Seeds	LG2549VT3	VT3	P250	186.9	25.1	12.0	33.5	\$672.1	13
Great Lakes	5939G3VT3	VT3	P250	183.6	24.6	9.0	34.4	\$663.9	15
NuTech	1N-109	CB/LL/RW	C250	182.3	22.6	13.7	32.5	\$673.8	12
Stine	9531VT3Pro	VT3P	P250	181.8	25.1	9.7	32.5	\$653.8	17
Mycogen	2D692	SS	C250	181.7	25.5	4.0	33.5	\$650.5	19
Dyna-Gro	V4993VT3	VT3	P250	180.8	24.3	5.7	35.3	\$655.9	16
NuTech	G2 5H-608^	HX,RR2	C250	180.5	24.8	5.7	31.6	\$651.2	18
FS Seeds	FS57SV3	VT3	P250	180.4	22.8	11.3	36.2	\$665.3	14
Dairyland	ST9710SSX	SS	C250	177.3	25.2	3.0	34.4	\$636.9	22
Great Lakes	5783G3VT3	VT3	P250	177.0	25.1	4.0	26.0	\$636.5	23
LG Seeds	LG2547VT3	VT3	P250	176.3	24.6	5.7	31.6	\$637.5	21
FS Seeds	FS59SX1	SS	P250	176.1	23.9	7.3	34.4	\$641.7	20
Kruger	K-6010VT3	VT3	C250	174.1	24.4	7.3	32.5	\$630.9	24
Wyffels	W6871	VT3	P250	172.7	25.9	5.7	35.3	\$615.5	29
AgriGold	A6458VT3	VT3	P250	172.0	24.6	7.3	38.1	\$622.0	26
Channel	209-77VT3	VT3	P250	171.2	23.9	7.3	32.6	\$623.9	25
Wyffels	W5568	SS	P250	169.4	24.0	12.7	31.6	\$616.6	28
Mycogen	2C641	RR2	C250	169.2	23.3	4.0	32.6	\$620.6	27
FS Seeds	FS60MV4	VT3P	P250	167.8	23.5	19.0	30.7	\$614.1	30
Pioneer	35K04 CK	HXT,RR2	P250	162.6	23.5	7.3	34.4	\$595.1	36
Test Average =				174.4	24.2	9.5	33.1	\$632.6	
LSD (0.10) =				24.1	0.7	7.7			
C.V. =				10.2	2.1				

TEST COMMENTS: Plot got off to a great start, and received adequate rainfall until July 25th, then the faucet turned off. Only a 1/2 inch of rain recorded during August and early September. There was very little evidence of any diseases present at the time of harvest. Majority of lodging occurred above the ear. No root lodging observed. Lat: N42.49191, Long: W93.32097

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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

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