

2010 BETTER HYBRIDS Harvest Report for Iowa West Central [IAWC]
EARLY SEASON TEST

Lornie Topp, Carroll County, IA 51443 [GLIDDEN]

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Durango, Arrow B0IAWC39a
 SOIL DESCRIPTION: Okoboji silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, low K, 7 pH, 4.1% OM
 PEST MANAGEMENT: Outlook, Atrazine, Laudis, Headline, Diplomat 30" ROW SPACING
 FERTILITY - Applied N: 193 Fall, 13 Spring,
 Applied N-P-K (units): 203-62-36
 SEEDED - RATE: Apr 22 34,000 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 4 33,700 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-77VT3	VT3	P250	271.6	19.2	1.0	33.8	\$1,306.7	1
Wyffels	W6871	VT3	P250	270.3	20.9	1.0	32.4	\$1,279.7	3
Stine	9731VT3Pro	VT3P	P250	268.5	19.8	1.0	31.4	\$1,284.5	2
NuTech	3A-710	GT	C250	265.6	19.7	1.0	32.9	\$1,271.8	4
NuTech	3T-110	VT3	C250	256.9	20.9	1.0	32.9	\$1,216.3	6
FS Seeds	FS60MV4	VT3P	P250	252.4	18.7	1.0	36.3	\$1,220.0	5
Channel	209-19VT3	VT3	P250	251.0	19.7	1.0	33.8	\$1,201.9	7
Merschman	Stine M-1109D-10	VT3	P500	248.7	20.0	1.0	35.3	\$1,187.5	8
LG Seeds	LG2555VT3	VT3	P250	246.4	20.3	1.0	34.3	\$1,173.2	11
Kruger	K-6010VT3	VT3	C250	245.5	19.3	1.0	33.4	\$1,180.0	9
Producers	7014VT3	VT3	P250	244.2	19.0	1.0	33.4	\$1,177.0	10
AgriGold	A6458VT3	VT3	P250	243.4	20.4	1.0	32.9	\$1,157.9	13
FS Seeds	FS56SV3	VT3	P250	240.9	18.0	1.0	32.9	\$1,172.0	12
LG Seeds	LG2549VT3	VT3	P250	240.3	19.7	1.0	35.3	\$1,150.7	14
Renze	7270RR2	RR2	C250	234.1	18.9	1.0	33.9	\$1,129.4	16
Titan Pro	1059	None	None	232.1	18.2	1.0	34.3	\$1,127.1	17
Mycogen	2D692	SS	C250	231.6	21.9	1.0	30.5	\$1,086.1	29
Titan Pro	80A08GL	3000GT	C250	230.8	19.5	1.0	36.3	\$1,107.3	19
NuTech	1N-109	CB/LL/RW	C250	230.0	20.4	1.0	32.9	\$1,094.1	26
Wyffels	W7071	VT3	P250	229.4	20.4	1.0	34.3	\$1,091.3	27
Renze	1300VT3	VT3	C250	228.5	19.5	1.0	30.9	\$1,096.2	23
FS Seeds	FS57SV3	VT3	P250	228.4	18.0	1.0	36.3	\$1,111.2	18
Kruger	K-6408VT3	VT3	P250	228.3	18.9	1.0	33.8	\$1,101.4	21
NuTech	G2 5H-511^	HX,RR2	C250	227.5	19.7	1.0	30.0	\$1,089.4	28
Producers	6634VT3	VT3	P250	227.4	18.2	1.0	34.8	\$1,104.3	20
Great Lakes	5643VT3PRO	VT3P	P250	225.8	18.0	1.0	33.8	\$1,098.5	22
AgriGold	A6384VT3Pro	VT3P	P250	225.4	18.2	1.0	35.8	\$1,094.5	25
Merschman	M-708D-12*	HXT,RR2	P250	225.0	19.4	1.0	33.8	\$1,080.5	30
Great Lakes	5211GS	SS	P250	224.2	17.6	1.0	35.3	\$1,094.8	24
Wyffels	W6261	VT3	P250	223.3	19.1	1.0	34.8	\$1,075.3	31
Pioneer	P1184XR CK	HXT,RR2	P250	240.5	19.8	1.0	33.8	\$1,150.6	15
Test Average =				229.4	19.2	1.0	33.7	\$1,103.7	
LSD (0.10) =				21.5	0.7	n.s.			
C.V. =				6.9	2.7				

TEST COMMENTS: *This is a very nice uniform test location. Rainfall was ample but not excessive. Pollination was excellent with complete seed set. Ears were large and filled to the tip with large kernels. No disease pressure was observed on the medium to tall plants here. Excellent weed control.*

Lat: N42.1143, Long: W94.74478

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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Report Date: 10/6/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Iowa West Central [IAWC]

Lornie Topp, Carroll County, IA 51443 [GLIDDEN]

FULL SEASON TEST
111 - 114 Day CRM

B0IAWC39b

PREV. CROP/HERB: Soybean / Durango, Arrow
 SOIL DESCRIPTION: Okoboji silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, low K, 7 pH, 4.1% OM
 PEST MANAGEMENT: Outlook, Atrazine, Laudis, Headline, Diplomat
 FERTILITY - Applied N: 193 Fall, 13 Spring,
 Applied N-P-K (units): 203-62-36

30" ROW SPACING

SEEDED - RATE: Apr 22 34,000 /A
 HARVESTED - STAND: Oct 4 34,200 /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
Producers	7414VT3	VT3	P250	258.5	22.2	1.0	34.8	\$1,208.7	1
Kruger	K-6213VT3	VT3	P250	252.7	21.7	1.0	34.3	\$1,187.3	2
FS Seeds	FS63MV4	VT3P	P250	252.2	22.6	1.0	34.8	\$1,174.7	6
Mycogen	2V732	VT3	C250	251.4	21.8	1.0	32.9	\$1,180.1	4
Mycogen	2H735	RR2	C250	250.1	21.6	1.0	34.4	\$1,176.2	5
Wyffels	W8681	VT3	P250	248.5	23.3	1.0	35.3	\$1,149.7	11
Channel	214-14VT3P	VT3P	P250	248.2	21.5	1.0	37.3	\$1,168.4	8
FS Seeds	FS61BX1	SS	P250	247.7	20.1	1.0	34.4	\$1,181.7	3
Stine	9806VT3Pro	VT3P	P250	246.8	25.0	1.0	33.8	\$1,122.9	20
Merschman	Stine M-911C-10	VT3	P500	246.7	20.3	1.0	33.8	\$1,174.7	7
Stine	9728VT3Pro	VT3P	P250	246.3	24.0	1.0	34.3	\$1,131.7	18
Channel	213-32VT3	VT3	P250	244.9	22.2	1.0	34.8	\$1,145.2	13
Great Lakes	6354G3VT3	VT3	P250	244.8	22.1	1.0	31.9	\$1,145.8	12
Renze	1399VT3	VT3	C250	244.2	21.1	1.0	33.8	\$1,154.0	9
Producers	7394VT3	VT3	P250	242.9	22.0	1.0	32.4	\$1,138.0	15
Merschman	Stine M-1012G-10*	VT3	P500	240.9	20.8	1.0	34.8	\$1,141.6	14
LG Seeds	LG2641VT3	VT3	P250	239.3	21.6	1.0	33.8	\$1,125.4	19
Dyna-Gro	57V40	VT3	P250	238.7	20.3	1.0	35.3	\$1,136.6	16
LG Seeds	LG2620VT3	VT3	P250	237.7	21.7	1.0	32.9	\$1,116.8	21
Kruger	K-6411VT3	VT3	C250	237.6	19.9	1.0	32.9	\$1,135.6	17
AgriGold	A6476VT3	VT3	P250	234.6	20.7	1.0	34.4	\$1,112.8	22
NuTech	G2 5X-411A^	HXT,RR2	C250	234.4	20.8	1.0	31.9	\$1,110.8	23
FS Seeds	FS64JV3	VT3	P250	231.7	22.2	1.0	31.9	\$1,083.4	26
Renze	1340VT3	VT3	C250	230.9	19.8	1.0	34.3	\$1,104.6	24
NuTech	G2 5X-512^	HXT,RR2	C250	230.8	22.9	1.0	33.4	\$1,072.0	29
LG Seeds	LG2616VT3	VT3	P250	228.9	21.5	1.0	34.8	\$1,077.5	27
Mycogen	2C641	RR2	C250	227.6	18.5	1.0	33.8	\$1,102.2	25
Kruger	K-1211RR	RR2	P250	224.9	20.1	1.0	31.9	\$1,072.9	28
Mycogen	2T784	SS	C250	222.2	22.8	1.0	33.8	\$1,033.0	31
Dyna-Gro	57V38	VT3	P250	220.9	21.5	1.0	34.8	\$1,039.9	30
Pioneer	P1184XR CK	HXT,RR2	P250	241.0	20.1	1.0	35.3	\$1,149.7	10
Test Average =				229.0	21.4	1.0	34.2	\$1,078.6	
LSD (0.10) =				14.1	1.1	n.s.			
C.V. =				4.5	3.9				

TEST COMMENTS: This is a very nice uniform test location. Rainfall was ample but not excessive. Pollination was excellent with complete seed set. Ears were large and filled to the tip with large kernels. No disease pressure was observed on the medium to tall plants here. Excellent weed control.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Price = \$5.00

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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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