

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

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0IAWC40a

SOIL DESCRIPTION: Nicollet loam, mod. well drained, minimum-till, non-irrigated

SOIL CONDITIONS: High P, mod. high K, 6.6 pH, 4% OM

PEST MANAGEMENT: Harness, Callisto

30" ROW SPACING

 FERTILITY - Applied N: 150 Fall,
 Applied N-P-K (units): 150-66-60

SEEDED - RATE: Apr 22 34,000 /A

TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 13 33,300 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2555VT3	VT3	P250	212.3	15.0	1.0	34.8	\$1,061.5	1
NuTech	3T-110	VT3	C250	200.6	14.6	1.0	31.9	\$1,006.6	2
Renze	7270RR2	RR2	C250	189.1	14.7	1.0	32.9	\$948.1	3
Great Lakes	5643VT3PRO	VT3P	P250	185.4	14.0	1.0	35.8	\$935.3	4
Wyffels	W6871	VT3	P250	184.9	15.0	1.0	31.4	\$924.5	5
LG Seeds	LG2549VT3	VT3	P250	182.7	14.5	1.0	32.9	\$917.6	6
Titan Pro	1059	None	None	182.1	14.6	1.0	36.3	\$913.8	7
NuTech	G2 5X-908^	HXT,RR2	C250	181.4	14.9	1.0	31.9	\$907.8	8
Channel	209-19VT3	VT3	P250	180.9	14.7	1.0	30.9	\$906.9	9
Stine	9731VT3Pro	VT3P	P250	179.4	14.8	1.0	33.9	\$898.6	10
NuTech	G2 5X-411^	HXT,RR2	C250	176.5	14.7	1.0	34.3	\$884.9	12
NuTech	1N-109	CB/LL/RW	C250	176.4	14.5	1.0	31.9	\$886.0	11
Producers	7014VT3	VT3	P250	168.9	14.6	1.0	31.0	\$847.5	14
AgriGold	A6384VT3Pro	VT3P	P250	168.8	14.1	1.0	35.8	\$850.8	13
AgriGold	A6421STX	SS	P250	168.5	14.4	1.0	32.4	\$847.0	15
Wyffels	W6261	VT3	P250	166.4	14.4	1.0	33.8	\$836.5	16
Kruger	K-6408VT3	VT3	P250	166.0	14.4	1.0	34.8	\$834.5	17
Renze	1300VT3	VT3	C250	165.1	14.5	1.0	31.9	\$829.2	18
Titan Pro	80A08GL	3000GT	C250	161.9	15.0	1.0	33.4	\$809.5	19
Kruger	K-6006VT3	VT3	C250	160.5	14.1	1.0	32.9	\$809.0	20
FS Seeds	FS59SX1	SS	P250	160.0	14.1	1.0	30.9	\$806.5	21
Channel	210-61VT3	VT3	P250	154.6	14.6	1.0	30.9	\$775.8	22
FS Seeds	FS60MV4	VT3P	P250	152.9	13.7	1.0	32.9	\$773.4	23
Renze	1219VT3	VT3	C250	150.2	13.7	1.0	33.9	\$759.8	24
NuTech	G2 5H-511^	HX,RR2	C250	149.9	13.8	1.0	33.4	\$757.6	25
Merschman	Stine M-1109D-10	VT3	P500	149.4	14.2	1.0	32.9	\$752.4	27
NuTech	3T-810	VT3	C250	147.4	14.2	1.0	32.9	\$742.3	28
Wyffels	W7071	VT3	P250	146.0	13.8	1.0	31.9	\$737.9	29
Titan Pro	89A06GL	3000GT	C250	145.7	13.6	1.0	31.9	\$737.7	30
Masters Choice	MCT527*	3000GT	P250	145.4	13.5	1.0	33.8	\$736.8	31
Pioneer	P1184XR CK	HXT,RR2	P250	149.3	13.8	1.0	34.3	\$754.6	26
Test Average =				155.2	14.1	1.0	33.3	\$781.9	
LSD (0.10) =				18.9	0.5	n.s.			
C.V. =				9.0	2.6				

TEST COMMENTS: *This test site had very good stand establishment. Rainfall was abundant all season, impacting yields similar to all surrounding fields. Gray leaf spot and Anthracnose was apparent on these tall plants. Grain moisture was very dry due to excellent harvest weather. Ears remained well attached to the stalks.*

Lat: N41.772, Long: W94.29041

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: 10/18/2010

Revised:

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

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

FULL SEASON TEST
111 - 114 Day CRM

B0IAWC40b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Nicollet loam, mod. well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 6.6 pH, 4% OM
 PEST MANAGEMENT: Harness, Callisto
 FERTILITY - Applied N: 150 Fall,
 Applied N-P-K (units): 150-66-60

30" ROW SPACING

 SEEDED - RATE: Apr 22 34,000 /A
 HARVESTED - STAND: Oct 13 33,300 /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
Channel	213-32VT3	VT3	P250	213.1	16.4	1.0	33.8	\$1,052.1	1
Kruger	K-7614	VT3P	P250	208.3	16.1	1.0	33.4	\$1,031.2	2
Kruger	K-1211RR	RR2	P250	197.3	15.4	1.0	31.9	\$982.9	3
Great Lakes	6455G3VT3	VT3	P250	196.4	16.1	1.0	33.4	\$972.3	4
FS Seeds	E6003	GT/CB/LL	P250	194.7	15.3	1.0	35.3	\$970.9	5
FS Seeds	FS64JV3	VT3	P250	190.9	16.0	1.0	33.8	\$945.9	6
Dyna-Gro	57V40	VT3	P250	188.7	14.9	1.0	34.8	\$944.3	7
Producers	7394VT3	VT3	P250	188.7	16.4	1.0	34.8	\$931.6	8
Mycogen	2H735	RR2	C250	186.4	15.7	1.0	31.9	\$926.1	9
Great Lakes	6354G3VT3	VT3	P250	185.9	16.4	1.0	31.4	\$917.8	12
Channel	214-14VT3P	VT3P	P250	185.5	15.8	1.0	35.3	\$920.8	11
Mycogen	2V732	VT3	C250	184.0	14.8	1.0	33.8	\$921.7	10
Stine	9806VT3Pro	VT3P	P250	184.0	16.3	1.0	31.9	\$909.2	13
NuTech	G2 5X-411A^	HXT,RR2	C250	182.2	15.3	1.0	32.9	\$908.5	14
LG Seeds	LG2616VT3	VT3	P250	180.7	15.4	1.0	32.9	\$900.2	15
Merschman	Stine M-911C-10	VT3	P500	180.5	15.5	1.0	33.8	\$898.4	16
LG Seeds	LG2641VT3	VT3	P250	180.2	16.1	1.0	32.9	\$892.1	17
NuTech	G2 5X-512^	HXT,RR2	C250	179.3	15.6	1.0	31.4	\$891.7	18
Wyffels	W8430	RR2	P250	177.9	15.7	1.0	32.9	\$883.9	21
Titan Pro	80A13GL	3000GT	C250	177.7	16.0	1.0	33.8	\$880.5	22
Mycogen	2C641	RR2	C250	177.1	14.3	1.0	31.9	\$891.1	19
Dyna-Gro	D52VP20*	VT3P	P250	176.1	14.2	1.0	31.9	\$886.8	20
Merschman	Stine M-1012G-10*	VT3	P500	176.0	15.6	2.0	32.9	\$875.2	24
AgriGold	A6553VT3	VT3	P250	175.3	15.6	1.0	32.4	\$871.8	25
Dekalb	DKC62-54 GC	VT3	P250	175.1	14.9	1.0	32.4	\$876.3	23
Mycogen	2T784	SS	C250	174.1	16.1	1.0	31.9	\$861.9	26
Stine	9730VT3Pro	VT3P	P250	172.7	17.1	1.0	36.3	\$847.2	29
LG Seeds	LG2620VT3	VT3	P250	172.2	16.2	1.0	35.8	\$851.7	27
AgriGold	A6533VT3	VT3	P250	170.7	16.0	1.0	32.9	\$845.8	30
Wyffels	XW6927	RR2	P250	168.5	14.1	1.0	32.4	\$849.3	28
Pioneer	P1184XR CK	HXT,RR2	P250	160.4	14.8	1.0	33.8	\$803.4	37
Test Average =				174.0	15.4	1.0	33.3	\$866.6	
LSD (0.10) =				13.2	0.8	0.4			
C.V. =				5.6	4.0				

TEST COMMENTS: This test site had very good stand establishment. Rainfall was abundant all season, impacting yields similar to all surrounding fields. Gray leaf spot and Anthracnose was apparent on these tall plants. Grain moisture was very dry due to excellent harvest weather. Ears remained well attached to the stalks.

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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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