

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

Jason Krause, Story County, IA 50244 [SLATER]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0IAWC42a

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

SOIL CONDITIONS: High P, mod. high K, 5.8 pH, 4.3% OM

PEST MANAGEMENT: Dual II Magnum, Callisto, Force

30" ROW SPACING

FERTILITY - Applied N: 139 Fall, 32 Spring,

Applied N-P-K (units): 171-81-0

SEEDED - RATE: Apr 29 34,000 /A

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

HARVESTED - STAND: Sep 29 33,500 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9731VT3Pro	VT3P	P250	200.7	20.8	2.0	34.8	\$951.1	1
FS Seeds	FS60MV4	VT3P	P250	193.3	19.5	2.0	33.4	\$927.4	2
LG Seeds	LG2555VT3	VT3	P250	191.2	20.7	18.7	35.3	\$907.0	3
Renze	1300VT3	VT3	C250	189.3	20.4	1.0	33.4	\$900.5	4
Producers	7014VT3	VT3	P250	188.3	21.2	1.0	33.8	\$889.0	5
Wyffels	W7071	VT3	P250	186.1	20.4	1.0	30.0	\$885.3	6
NuTech	3T-810	VT3	C250	180.4	21.9	6.3	30.9	\$846.0	11
Channel	209-19VT3	VT3	P250	180.2	19.5	4.7	33.9	\$864.5	8
Wyffels	W6871	VT3	P250	179.9	20.5	2.0	36.3	\$855.0	9
NuTech	G2 5H-511^	HX,RR2	C250	178.6	20.7	1.0	31.9	\$847.2	10
Titan Pro	1059	None	None	178.4	18.3	1.0	34.8	\$865.5	7
NuTech	3A-710	GT	C250	172.6	19.3	1.0	33.8	\$829.6	12
Merschman	Stine M-1109D-10	VT3	P500	169.1	20.5	1.0	32.9	\$803.6	16
Titan Pro	80A08GL	3000GT	C250	168.6	20.0	1.0	33.9	\$805.1	14
Renze	1219VT3	VT3	C250	168.5	17.9	1.0	35.3	\$820.5	13
LG Seeds	LG2549VT3	VT3	P250	168.5	20.9	1.0	34.8	\$797.8	19
AgriGold	A6458VT3	VT3	P250	167.7	20.8	1.0	34.3	\$794.7	21
Kruger	K-6010VT3	VT3	C250	167.0	19.1	1.0	31.9	\$804.2	15
Renze	7270RR2	RR2	C250	165.8	18.8	1.0	34.8	\$800.6	17
NuTech	3T-110	VT3	C250	165.1	20.7	1.0	34.4	\$783.2	24
Producers	6634VT3	VT3	P250	164.6	18.8	2.0	35.8	\$794.9	20
Wyffels	W6261	VT3	P250	164.4	20.1	1.0	33.9	\$784.3	23
AgriGold	A6384VT3Pro	VT3P	P250	164.3	18.1	1.0	31.9	\$798.6	18
Channel	209-77VT3	VT3	P250	162.7	17.7	1.0	34.8	\$793.7	22
LG Seeds	LG2529VT3Pro	VT3P	P250	160.0	18.0	1.0	29.0	\$778.4	26
Masters Choice	MCT527*	3000GT	P250	159.1	18.0	12.7	32.9	\$774.0	28
Kruger	K-6006VT3	VT3	C250	159.1	19.4	1.0	37.8	\$764.0	30
Great Lakes	5643VT3PRO	VT3P	P250	157.5	18.1	1.0	32.9	\$765.5	29
Titan Pro	89A06GL	3000GT	C250	156.9	18.6	8.0	33.8	\$759.1	31
LG Seeds	LG2515HX	HX	P250	156.5	16.0	1.0	30.9	\$775.5	27
Pioneer	P1184XR CK	HXT,RR2	P250	163.3	20.1	1.0	34.3	\$779.0	25
Test Average =				162.2	19.4	2.2	33.5	\$778.4	
LSD (0.10) =				19.9	0.9	5.6			
C.V. =				9.0	3.3				

TEST COMMENTS: This plot site historically has produced very good data. Rainfall this year exceeded average by a wide margin. Diseases present include gray leaf spot and Anthracnose. Ears were securely attached to stalks but cobs were soft. Overall plants were short and weed control was excellent.

Lat: N41.86691, Long: W93.6894

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: 9/30/2010

Revised:

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

Jason Krause, Story County, IA 50244 [SLATER]

FULL SEASON TEST
111 - 114 Day CRM

B0IAWC42b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Nicollet loam, mod. well drained, minimum-till, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 5.8 pH, 4.3% OM
 PEST MANAGEMENT: Dual II Magnum, Callisto, Force
 FERTILITY - Applied N: 139 Fall, 32 Spring,
 Applied N-P-K (units): 171-81-0

30" ROW SPACING

SEEDED - RATE: Apr 29 34,000 /A
 HARVESTED - STAND: Sep 29 33,200 /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
Stine	9806VT3Pro	VT3P	P250	198.4	24.5	1.0	34.8	\$944.9	1
Merschman	Stine M-911C-10	VT3	P500	188.3	21.3	2.0	35.8	\$911.8	2
Dyna-Gro	57V40	VT3	P250	187.3	21.0	1.0	32.4	\$908.4	3
AgriGold	A6476VT3	VT3	P250	185.3	20.4	1.0	33.9	\$901.5	4
Mycogen	2V732	VT3	C250	175.7	20.6	1.0	34.3	\$853.9	5
Dyna-Gro	57V38	VT3	P250	173.5	20.4	1.0	33.9	\$844.1	7
Kruger	K-6411VT3	VT3	C250	173.4	19.4	2.0	31.9	\$847.9	6
Renze	1340VT3	VT3	C250	172.5	20.4	1.0	34.8	\$839.2	8
Producers	7414VT3	VT3	P250	171.8	22.8	1.0	32.9	\$825.5	11
Channel	213-32VT3	VT3	P250	171.7	22.1	1.0	31.4	\$828.0	10
FS Seeds	FS64JV3	VT3	P250	170.3	22.2	1.0	30.0	\$820.8	12
Mycogen	2C641	RR2	C250	170.1	19.3	1.0	31.0	\$832.2	9
Stine	9726VT3Pro	VT3P	P250	167.8	24.9	2.0	34.3	\$797.5	14
LG Seeds	LG2641VT3	VT3	P250	167.4	22.0	9.7	32.4	\$807.7	13
LG Seeds	LG2620VT3	VT3	P250	164.0	23.2	1.0	33.8	\$786.4	15
Renze	1399VT3	VT3	C250	158.3	20.4	2.0	32.4	\$770.1	16
NuTech	G2 5X-512^	HXT,RR2	C250	156.4	21.6	1.0	32.4	\$756.2	18
Dyna-Gro	D52VP20*	VT3P	P250	154.9	21.4	1.0	32.9	\$749.7	19
Great Lakes	6354G3VT3	VT3	P250	154.6	23.3	1.0	34.8	\$740.9	20
Producers	7394VT3	VT3	P250	152.4	22.3	1.0	34.8	\$734.2	21
Kruger	K-7614	VT3P	P250	150.9	21.1	2.0	35.3	\$731.5	22
Kruger	K-1211RR	RR2	P250	149.2	20.5	2.0	34.3	\$725.5	23
Wyffels	W8430	RR2	P250	148.0	21.6	1.0	31.9	\$715.6	24
FS Seeds	FS61BX1	SS	P250	147.3	20.7	1.0	35.8	\$715.5	25
NuTech	G2 5X-411A^	HXT,RR2	C250	145.8	21.5	1.0	31.9	\$705.3	26
Wyffels	W8681	VT3	P250	144.6	23.0	3.0	30.5	\$694.1	28
Kruger	K-6213VT3	VT3	P250	143.4	21.0	1.0	33.4	\$695.5	27
Stine	9730VT3Pro	VT3P	P250	140.6	23.3	1.0	33.8	\$673.8	29
LG Seeds	LG2616VT3	VT3	P250	138.8	21.5	4.7	32.9	\$671.4	30
Titan Pro	80A13GL	3000GT	C250	138.8	21.9	1.0	33.4	\$670.1	31
Pioneer	P1184XR CK	HXT,RR2	P250	156.1	20.9	1.0	31.9	\$757.5	17
Test Average =				149.3	21.5	3.0	33.2	\$722.3	
LSD (0.10) =				21.2	1.2	6.9			
C.V. =				10.5	4.2				

TEST COMMENTS: This plot site historically has produced very good data. Rainfall this year exceeded average by a wide margin. Diseases present include gray leaf spot and Anthracnose. Ears were securely attached to stalks but cobs were soft. Overall plants were short and weed control was excellent.

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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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