

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

Mike Erdman, Madison County, IA 50273 [WINTERSET]

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0IAWC41a
 SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 4.5% OM
 PEST MANAGEMENT: Integrity 30" ROW SPACING
 FERTILITY - Applied N: 143 Fall,
 Applied N-P-K (units): 143-60-80
 SEEDED - RATE: Apr 29 34,000 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 14 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Producers	7014VT3	VT3	P250	195.8	15.1	1.0	30.0	\$978.1	1
Merschman	Stine M-1109D-10	VT3	P500	187.6	15.7	1.0	31.9	\$932.1	3
NuTech	3A-710	GT	C250	186.1	14.8	1.0	33.9	\$932.2	2
Renze	1219VT3	VT3	C250	182.3	14.6	1.0	36.3	\$914.8	4
NuTech	G2 5X-411^	HXT,RR2	C250	178.0	15.7	1.0	32.9	\$884.4	5
Stine	9731VT3Pro	VT3P	P250	176.7	15.2	1.0	33.9	\$881.9	6
NuTech	3T-810	VT3	C250	173.7	14.6	1.0	30.9	\$871.6	7
Kruger	K-6408VT3	VT3	P250	169.7	15.4	1.0	35.8	\$845.4	9
Kruger	K-6006VT3	VT3	C250	168.2	14.4	1.0	30.9	\$845.5	8
LG Seeds	LG2529VT3Pro	VT3P	P250	165.6	13.9	1.0	34.3	\$836.2	11
NuTech	G2 5H-511^	HX,RR2	C250	163.2	15.3	1.0	31.9	\$813.8	12
Titan Pro	80A08GL	3000GT	C250	161.9	15.9	1.0	34.8	\$802.9	15
Wyffels	W6261	VT3	P250	161.6	14.4	1.0	34.8	\$812.4	13
Channel	209-77VT3	VT3	P250	159.9	14.3	1.0	30.0	\$804.5	14
NuTech	G2 5X-908^	HXT,RR2	C250	159.6	14.5	1.0	32.9	\$801.6	16
Channel	209-19VT3	VT3	P250	159.2	14.6	1.0	35.3	\$798.9	18
Great Lakes	5643VT3PRO	VT3P	P250	159.1	14.5	1.0	32.9	\$799.1	17
FS Seeds	FS56SV3	VT3	P250	157.4	14.4	1.0	33.8	\$791.2	19
AgriGold	A6458VT3	VT3	P250	156.9	15.1	1.0	29.5	\$783.8	22
Wyffels	W6871	VT3	P250	156.2	14.5	1.0	32.4	\$784.5	21
Producers	6634VT3	VT3	P250	155.9	13.8	2.0	30.9	\$787.9	20
LG Seeds	LG2549VT3	VT3	P250	152.9	14.6	1.0	33.9	\$767.3	23
Great Lakes	5211GS	SS	P250	150.3	14.0	1.0	32.9	\$758.3	24
LG Seeds	LG2555VT3	VT3	P250	150.3	14.3	1.0	32.9	\$756.2	25
Titan Pro	89A06GL	3000GT	C250	149.8	14.2	1.0	32.4	\$754.4	26
Wyffels	W7071	VT3	P250	148.9	14.2	1.0	32.9	\$749.9	27
NuTech	1N-109	CB/LL/RW	C250	148.1	14.3	1.0	33.9	\$745.2	28
Mycogen	2D692	SS	C250	146.9	15.4	1.0	31.4	\$731.9	29
NuTech	G2 5X-007^	HXT,RR2	C250	144.0	13.8	1.0	33.4	\$727.8	30
LG Seeds	LG2515HX	HX	P250	143.6	13.6	1.0	36.3	\$727.0	31
Pioneer	P1184XR CK	HXT,RR2	P250	168.9	15.4	1.0	33.8	\$841.5	10
Test Average =				150.3	14.5	1.1	33.5	\$754.6	
LSD (0.10) =				24.4	1.1	0.6			
C.V. =				11.9	5.6				

TEST COMMENTS: *Despite being tilled ground, this crop suffered from having wet feet all season. Yield results are a bit more variable than normal but are still reliable. Gray leaf spot and Anthracnose were present, potentially impacting results and yield variation. Plants were medium to tall with no weed control issues.*

Lat: N41.25068, Long: W94.08802

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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Revised:

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Mike Erdman, Madison County, IA 50273 [WINTERSET]

FULL SEASON TEST
111 - 114 Day CRM

B0IAWC41b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 4.5% OM
 PEST MANAGEMENT: Integrity
 FERTILITY - Applied N: 143 Fall,
 Applied N-P-K (units): 143-60-80

30" ROW SPACING

 SEEDED - RATE: Apr 29 34,000 /A
 HARVESTED - STAND: Oct 14 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
Great Lakes	6455G3VT3	VT3	P250	205.5	16.2	1.0	37.3	\$1,016.4	1
Dekalb	DKC62-54 GC	VT3	P250	202.5	15.9	1.0	38.3	\$1,004.3	2
Producers	7414VT3	VT3	P250	200.2	16.3	1.0	35.3	\$989.3	3
Wyffels	W8430	RR2	P250	199.3	17.0	1.0	34.3	\$978.6	5
Channel	214-14VT3P	VT3P	P250	198.5	16.1	1.0	32.4	\$982.7	4
FS Seeds	FS64JV3	VT3	P250	195.6	16.1	1.0	33.4	\$968.3	6
Kruger	K-6213VT3	VT3	P250	193.0	15.9	1.0	32.4	\$957.2	7
LG Seeds	LG2620VT3	VT3	P250	192.9	16.7	1.0	33.8	\$949.7	8
Dyna-Gro	57V40	VT3	P250	189.8	15.8	1.0	35.8	\$942.2	10
Mycogen	2V732	VT3	C250	189.7	15.4	1.0	35.3	\$945.1	9
Dyna-Gro	D52VP20*	VT3P	P250	187.9	15.4	1.0	36.3	\$936.1	11
Producers	7394VT3	VT3	P250	187.4	15.7	1.0	34.8	\$931.1	12
AgriGold	A6553VT3	VT3	P250	187.4	15.7	1.0	30.9	\$931.1	13
LG Seeds	LG2616VT3	VT3	P250	186.4	16.4	1.0	34.3	\$920.3	16
FS Seeds	E6003	GT/CB/LL	P250	186.0	15.7	1.0	33.8	\$924.1	14
FS Seeds	FS63MV4	VT3P	P250	185.3	16.2	1.0	30.9	\$916.5	17
Dyna-Gro	57V38	VT3	P250	185.2	15.6	1.0	30.0	\$921.0	15
Stine	9806VT3Pro	VT3P	P250	184.1	17.0	1.0	32.4	\$903.9	19
Renze	1399VT3	VT3	C250	183.9	15.4	1.0	34.3	\$916.2	18
Channel	213-32VT3	VT3	P250	181.7	16.1	1.0	34.8	\$899.5	20
Kruger	K-1211RR	RR2	P250	180.9	15.8	1.0	32.9	\$898.0	21
Merschman	Stine M-911C-10	VT3	P500	180.7	16.2	1.0	33.4	\$893.7	23
LG Seeds	LG2641VT3	VT3	P250	179.8	16.0	1.0	33.4	\$890.9	24
Titan Pro	80A13GL	3000GT	C250	179.2	15.2	1.0	32.9	\$894.4	22
Dekalb	DKC63-84 GC	VT3	P250	178.6	15.3	1.0	34.8	\$890.6	25
AgriGold	A6533VT3	VT3	P250	178.2	16.0	1.0	35.3	\$883.0	27
Mycogen	2H735	RR2	C250	177.9	15.6	1.0	36.3	\$884.7	26
Kruger	K-7614	VT3P	P250	177.5	15.7	1.0	33.8	\$881.9	28
Renze	1340VT3	VT3	C250	176.9	15.5	1.0	33.4	\$880.5	30
Kruger	K-6411VT3	VT3	C250	176.0	14.9	1.0	32.9	\$880.8	29
Pioneer	P1184XR CK	HXT,RR2	P250	162.6	15.5	1.0	32.9	\$809.3	40
Test Average =				177.3	15.7	1.0	34.2	\$880.3	
LSD (0.10) =				21.2	1.2	0.0			
C.V. =				8.8	5.4				

TEST COMMENTS: *Depte being tiled ground, this crop suffered from having wet feet all season. Yield results are a bit more variable than normal but are still reliable. Gray leaf spot and Anthracnose were present, potentially impacting results and yield variation. Plants were medium to tall with no weed control issues.*

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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

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