

2010 BETTER HYBRIDS Harvest Report for Iowa North [IANO]

Bob Plathe, Kossuth County, IA 50560 [LUVERNE]

ULTRA-EARLY TEST
95 - 100 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B0IANO44
 SOIL DESCRIPTION: Fostoria/Clarion loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 5.5% OM
 PEST MANAGEMENT: Harness Xtra, Force 30" ROW SPACING
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0
 SEEDING - RATE: Apr 21 33,600 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 16 33,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Jung	7475VT3	VT3	P250	203.2	11.3	1.0	36.2	\$842.9	1
AgriGold	A6276VT3	VT3	P250	195.7	11.7	1.0	35.3	\$808.6	3
Wyffels	W1941	VT3	P250	195.1	10.3	2.0	30.7	\$817.1	2
NuTech	5N-102A	3000GT	C250	192.4	11.1	1.0	35.3	\$799.6	4
NuTech	G2 5H-696^	HX,RR2	C250	191.5	11.0	1.0	34.4	\$796.6	5
Cornelius	C317XTLLRR	HXT,RR2	C250	191.3	11.4	1.0	34.4	\$792.7	7
Channel	197-14VT3	VT3	P250	189.7	10.2	1.0	38.1	\$795.2	6
Channel	199-55VT3	VT3	P250	189.5	10.5	1.0	38.1	\$792.1	8
NuTech	G2 5H-700^	HX,RR2	C250	189.3	10.9	1.0	33.5	\$788.2	9
Channel	196-06VT3	VT3	P250	188.0	10.6	1.0	31.6	\$785.1	10
AgriGold	A6192STX	SS	P250	185.7	11.2	1.0	34.4	\$771.0	12
Cornelius	C329-3000GT	3000GT	C250	185.1	10.1	1.0	35.3	\$776.7	11
Great Lakes	4689G3VT3	VT3	P250	182.1	10.3	1.0	36.2	\$762.6	13
Pioneer	37K11 GC	HX,RR2	C250	181.4	10.3	1.0	30.7	\$759.7	14
Trelay	5ST259	SS	P250	181.1	10.9	1.0	33.5	\$754.1	15
NuTech	3T-401	VT3	C250	181.0	11.7	4.7	35.3	\$747.9	20
Trelay	4VP726	VT3P	P250	179.8	10.7	1.0	32.5	\$750.1	19
Renze	2181-3000GT	3000GT	C250	179.7	10.1	2.0	36.2	\$754.0	16
Renk	RK580VT3	VT3	P250	179.6	10.3	1.0	33.5	\$752.2	17
Viking	D74-96RL	SS	C250	179.6	10.4	2.0	31.6	\$751.4	18
Dekalb	DKC50-44 GC	VT3	P250	179.4	10.8	1.0	35.3	\$747.7	21
Great Lakes	5090G3VT3	VT3	P250	178.5	11.6	1.0	34.4	\$738.3	26
Dairyland	ST9500Q	HXT,RR2	C250	177.9	11.1	1.0	32.5	\$739.4	23
Titan Pro	80X99	HXT	C250	177.4	10.9	1.0	30.7	\$738.7	24
NuTech	G2 5X-500^	HXT,RR2	C250	177.2	10.8	1.0	33.5	\$738.6	25
Trelay	5VP688	VT3P	P250	176.7	10.1	2.0	33.5	\$741.4	22
Renze	7079RR2	RR2	C250	175.8	10.5	1.0	31.6	\$734.8	28
Gold Country	96-20	VT3P	P250	175.8	10.8	1.0	33.5	\$732.7	29
Dairyland	ST9799	VT3	C250	175.4	10.2	1.0	34.4	\$735.3	27
AgriGold	A6220VT3Pro	VT3P	P250	175.2	10.9	2.0	32.5	\$729.5	30
				Test Average =	174.9	10.7	1.3	33.4	\$729.4
				LSD (0.10) =	19.1	0.7	1.5		
				C.V. =	8.1	4.7			

TEST COMMENTS: Over 19" of rain was reported near this site during June and July, possibly reducing nitrogen availability.

Mid season water stress and warm nights added it toll on grain fill and kernel depth. Some curled ear tips and tip dieback was

observed. Moderate levels of gray leaf spot as well. Little to no lodging at harvest.

Lat: N42.98851, Long: W94.19862

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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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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