

2010 BETTER HYBRIDS Harvest Report for Iowa North [IANO]
ULTRA-EARLY TEST

Iowa Lakes Comm. College, Palo Alto County, IA 50536 [EMMETSBURG]

95 - 100 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Harness Extra, Durango B0IANO45
 SOIL DESCRIPTION: Nicollet/Canisteo silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE: Apr 21 35,100 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 12 34,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
AgriGold	A6276VT3	VT3	P250	203.8	13.4	1.0	33.5	\$828.2	1	
Channel	199-55VT3	VT3	P250	200.2	12.8	1.0	33.4	\$818.4	2	
LG Seeds	LG2469VT3	VT3	P250	195.4	12.8	2.0	35.3	\$798.8	3	
Cornelius	C329-3000GT	3000GT	C250	194.6	13.4	1.0	27.0	\$790.9	5	
Wyffels	W1721	VT3	P250	193.9	12.8	1.0	33.5	\$792.7	4	
Renk	RK580VT3	VT3	P250	191.0	13.2	1.0	36.2	\$777.8	7	
Wyffels	W1941	VT3	P250	190.8	12.8	1.0	35.3	\$780.0	6	
Gold Country	96-20	VT3P	P250	187.3	12.7	1.0	36.2	\$766.4	8	
Jung	7452VT3	VT3	P250	186.7	13.2	1.0	33.5	\$760.2	9	
Great Lakes	4689G3VT3	VT3	P250	185.5	12.7	2.0	33.5	\$759.1	10	
NuTech	5N-197	3000GT	C250	184.7	13.8	1.0	31.6	\$751.4	11	
Renk	RK501VT3	VT3	P250	182.6	12.9	1.0	34.4	\$745.7	12	
NuTech	G2 5X-500 [^]	HXT,RR2	C250	180.1	13.0	2.0	34.4	\$734.8	13	
Viking	D74-96RL	SS	C250	178.9	12.9	1.0	36.2	\$730.6	14	
Cornelius	C317XTLLRR	HXT,RR2	C250	178.9	13.7	1.0	33.5	\$724.9	17	
Dekalb	DKC50-44 GC	VT3	P250	178.8	13.0	1.0	34.4	\$729.5	15	
Dairyland	ST9500Q	HXT,RR2	C250	178.8	13.8	1.0	33.5	\$723.8	19	
Wyffels	XW1831	VT3P	P250	178.2	12.7	1.0	33.5	\$729.2	16	
Mycogen	2P486	SS	C250	177.1	12.8	1.0	35.3	\$724.0	18	
Great Lakes	4840VT3PRO	VT3P	P250	176.4	12.9	3.7	35.3	\$720.4	20	
Jung	7S488	SS	P250	175.9	13.0	1.0	35.3	\$717.7	21	
Channel	196-06VT3	VT3	P250	174.6	12.9	1.0	36.2	\$713.1	22	
Jung	7475VT3	VT3	P250	174.3	13.1	2.0	35.3	\$710.4	24	
Cornelius	C273VT3	VT3	C250	173.6	12.7	1.0	39.0	\$710.4	23	
Gold Country	98-90	VT3P	P250	172.0	13.3	1.0	38.1	\$699.7	25	
Cornelius	C314GT	GT	C250	170.4	13.5	1.0	33.5	\$691.8	27	
Trelay	5ST259	SS	P250	169.2	12.9	1.0	34.4	\$691.0	28	
FS Seeds	FS44SV3	VT3	P250	168.5	12.1	1.0	34.4	\$693.5	26	
Pioneer	37K11 GC	HX,RR2	C250	168.2	12.8	1.0	34.4	\$687.6	29	
Renk	RK575VT3	VT3	P250	166.1	12.6	2.0	37.1	\$680.3	30	
				Test Average =	155.5	11.7	1.5	34.4	\$640.4	
				LSD (0.10) =	60.7	3.9	2.9			
				C.V. =	28.8	24.5				

TEST COMMENTS: ***TRAIN WRECK!** Plot received two separate hail storms. The June 25th storm stripped leaves as much as 35%. Another storm followed on July 18th to add insult to injury. To add to the misery, farm help accidently harvest off some of the plot. At best, we have 2 reps of poor data.* Lat: N43.12903, Long: W94.76782

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



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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