

2010 BETTER HYBRIDS Harvest Report for Iowa North [IANO]
 Mark Christianson, Howard County, IA 50466 [SARATOGA]

ULTRA-EARLY TEST
95 - 100 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B01ANO48
 SOIL DESCRIPTION: Schley/Floyd silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 2.4% OM
 PEST MANAGEMENT: Dual II Magnum, Atrazine, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 21 Fall, 115 Spring, 45 Sidedress,
 Applied N-P-K (units): 181-53-99
 SEEDED - RATE: Apr 28 33,600 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 8 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	C329-3000GT	3000GT	C250	222.7	19.6	1.0	35.3	\$849.8	1
AgriGold	A6276VT3	VT3	P250	219.2	19.9	1.0	36.2	\$833.8	2
Renze	2181-3000GT	3000GT	C250	215.6	20.0	1.0	33.5	\$819.3	3
Great Lakes	4840VT3PRO	VT3P	P250	211.7	18.7	1.0	35.3	\$815.5	4
Jung	7475VT3	VT3	P250	210.3	19.7	1.0	32.5	\$801.7	8
Channel	196-06VT3	VT3	P250	209.9	19.3	1.0	33.5	\$803.5	6
Trelay	5VP688	VT3P	P250	209.2	18.2	4.7	35.3	\$810.0	5
Renze	7079RR2	RR2	C250	208.6	18.8	1.0	34.4	\$802.7	7
LG Seeds	LG2478VT3Pro	VT3P	P250	207.4	18.4	1.0	35.3	\$801.4	9
Channel	199-55VT3	VT3	P250	205.6	19.3	1.0	30.7	\$787.0	11
NuTech	3T-401	VT3	C250	205.1	19.9	1.0	33.5	\$780.2	13
Dekalb	DKC50-44 GC	VT3	P250	203.9	19.8	2.0	36.2	\$776.5	15
Great Lakes	4689G3VT3	VT3	P250	202.4	18.5	1.0	35.3	\$781.3	12
AgriGold	A6220VT3Pro	VT3P	P250	201.8	16.2	1.0	28.8	\$797.5	10
LG Seeds	LG2469VT3	VT3	P250	201.5	18.5	1.0	34.4	\$777.8	14
NuTech	G2 5H-501A^	HX,RR2	C250	201.2	20.3	1.0	30.7	\$762.1	19
Gold Country	98-90	VT3P	P250	199.6	20.0	1.0	37.2	\$758.5	20
Cornelius	C273VT3	VT3	C250	198.9	18.8	1.0	34.4	\$765.4	16
Renze	7113RR2	RR2	C250	198.7	18.8	1.0	31.6	\$764.6	17
NuTech	G2 5H-700^	HX,RR2	C250	198.3	18.8	1.0	33.4	\$763.1	18
Cornelius	C280-3000GT	3000GT	C250	198.2	19.8	3.7	31.6	\$754.7	22
Wyffels	XW1831	VT3P	P250	196.0	18.6	1.0	36.2	\$755.8	21
Titan Pro	80A00GL*	3000GT	C250	195.8	20.0	1.0	28.8	\$744.0	24
Great Lakes	5090G3VT3	VT3	P250	195.2	19.9	1.0	36.2	\$742.5	27
Jung	7S488	SS	P250	194.8	19.6	1.0	35.3	\$743.4	26
Titan Pro	80X99	HXT	C250	193.6	19.2	1.0	34.4	\$741.9	28
FS Seeds	FS44SV3	VT3	P250	192.6	18.2	3.0	32.5	\$745.7	23
Renk	RK580VT3	VT3	P250	192.5	18.4	1.0	33.5	\$743.8	25
Gold Country	96-20	VT3P	P250	191.6	18.3	1.0	34.4	\$741.1	29
Wyffels	W1941	VT3	P250	191.6	18.8	2.0	33.5	\$737.3	30
Test Average =				194.0	19.2	1.3	33.5	\$743.5	
LSD (0.10) =				16.4	1.1	1.4			
C.V. =				6.2	4.3				

TEST COMMENTS: *This site had great weather all season long. Very low incidences of insect or disease pressure combined with timely rains gave this field what it needed for great yields. Kernels were set to the very tip of the ear and despite an accelerated accumulation of GDU's through grain fill, kernel depth was average.* Lat: N43.36141, Long: W92.4284

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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