

**2011 BETTER HYBRIDS Harvest Report for North Central Tri-State [ NCTS ]**

John Crock, Delaware County, IA 52057 [ MANCHESTER ]

**EARLY SEASON TEST**
**101 - 106 Day CRM**

B1NCTS09a

PREV. CROP/HERB: Corn, 2+ yr / Roundup, Roundup, Impact  
 SOIL DESCRIPTION: Kenyon loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.3 pH, 5.5% OM  
 PEST MANAGEMENT: Force, Roundup (2), Headline, Sniper  
 FERTILITY - Applied N: 100 Fall, 100 Spring,  
 Applied N-P-K (units): 200-0-0


30" ROW SPACING

SEEDED - RATE: May 4 37,500 /A  
 HARVESTED - STAND: Oct 18 36,200 /A

**TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-905^	HX,RR2	C250	105	<b>227.3</b>	16.1	11.7	38.1	1,356.3	1
Cornelius	C459SS	STX	C250	105	<b>219.9</b>	20.6	12.7	37.2	1,282.5	3
Steyer	10603	STX	P250	106	<b>218.9</b>	20.5	1.0	37.1	1,277.3	5
Great Lakes	5643VT3PRO	VT3P	P500,V	106	<b>217.8</b>	18.9	3.7	38.1	1,281.3	4
LG Seeds	LG2535STX	STX	P500,V	106	<b>216.9</b>	20.7	1.0	34.4	1,264.3	7
Croplan	5438SS	STX	C250	104	<b>215.5</b>	19.0	22.0	36.2	1,267.1	6
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	<b>214.8</b>	19.3	4.7	32.6	1,261.1	8
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	<b>212.9</b>	19.9	4.7	35.3	1,246.1	9
Croplan	5757VT3	VT3	C250	106	211.8	20.5	6.3	37.2	1,235.9	12
Pioneer	35F44	HXT,RR2	C250	105	211.5	19.9	1.0	36.2	1,237.9	10
Fontanelle	6V577	VT3P	P250	103	211.3	19.9	2.0	30.7	1,236.7	11
Viking	D44-06RL	STX	C250	106	210.2	20.5	7.0	36.2	1,226.5	15
Steyer	10302	3000GT	C250	103	209.4	19.4	6.0	36.3	1,228.8	13
FS Seeds	FS 56TV4	VT3P	C250	106	209.4	19.4	14.0	39.9	1,228.8	14
Dairyland	ST-9206SSX	STX	C250	106	208.9	20.0	9.0	37.1	1,222.1	16
FS Seeds	FS 54TL2	3111	C250	104	207.1	20.2	1.0	36.2	1,210.3	20
Wyffels	W4179	3000GT	C250	105	206.9	19.4	12.7	33.5	1,214.1	18
Croplan	4136VT3PRO	VT3P	C250	101	206.8	19.1	1.0	38.1	1,215.4	17
Golden Harvest	H-8239 3111 GC	3111	C250	105	206.6	19.4	9.0	38.1	1,212.3	19
NK Brand	N53W-3000GT GC	3000GT	C250	105	206.4	20.0	17.7	37.1	1,207.4	21
G2 Genetics	5H-502^*	HX,RR2	C250	102	205.3	19.9	12.7	39.9	1,201.6	22
NuTech	5B-0205*	GT/CB/LL	C250	102	202.4	19.2	2.0	35.3	1,188.9	24
Wyffels	W2757	VT3P	P250	102	202.2	18.5	23.0	35.3	1,192.0	23
FS Seeds	FS 54VX1	STX	C250	104	201.5	19.5	1.0	35.3	1,181.8	25
Kruger	K4-9302	STX	P500,V	102	201.5	19.7	10.0	35.3	1,180.6	26
Renk	RK619SSTX	STX	P250	104	201.3	19.5	7.0	37.1	1,180.6	27
AgriGold	A6384VT3Pro	VT3P	P500,V	106	199.8	19.1	1.0	35.3	1,174.2	28
Stine	9523VT3*	VT3	C250	104	197.6	18.5	54.3	39.0	1,164.9	29
Trelay	6VP125	VT3P	P500,V	103	197.1	19.4	1.0	34.4	1,156.6	30
Great Lakes	5339GT3	3000GT	P500,V	103	197.1	19.4	22.0	36.2	1,156.6	31
<b>Pioneer</b>	<b>35K04 CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>106</b>	<b>220.3</b>	<b>20.6</b>	<b>1.0</b>	<b>36.2</b>	<b>1,284.8</b>	<b>2</b>
					Test Average =	<b>193.8</b>	<b>19.3</b>	<b>16.7</b>	<b>36.2</b>	<b>1,138.2</b>
					LSD (0.10) =	18.5	1.0	24.4		
					C.V. =	7.0	4.0			



F.I.R.S.T. Manager

**TEST COMMENTS:** This location started out decent and stands were really uniform, then there was not much rainfall for the next few weeks. Gusty winds in early July caused some of the root lodging that you see in the data. John commented that the corn on corn acres were showing more difference in yield this year than in past years versus corn following soybeans.

Lat: N42.46851, Long: W-91.62325

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.00

<sup>†</sup> TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

<sup>††</sup> IST: **AV** - Avicta, **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 comparison product, \* = brands without a seed lot number; **ns** = not significantly different

 Complete brands tested list & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/19/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for North Central Tri-State [ NCTS ]**

John Crock, Delaware County, IA 52057 [ MANCHESTER ]

**FULL SEASON TEST**
**107 - 110 Day CRM**

B1NCTS09b

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 SOIL DESCRIPTION: Kenyon loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.3 pH, 5.5% OM  
 PEST MANAGEMENT: Force, Roundup (2), Headline, Sniper  
 FERTILITY - Applied N: 100 Fall, 100 Spring,  
 Applied N-P-K (units): 200-0-0

30" ROW SPACING

SEEDED - RATE: May 4 37,500 /A  
 HARVESTED - STAND: Oct 18 35,400 /A

**TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Dyna-Gro	57V40	VT3	P250	110	<b>239.0</b>	21.4	10.0	34.4	1,388.1	1	
LG Seeds	LG2549VT3	VT3	P500,V	109	<b>237.5</b>	20.5	2.0	36.2	1,385.8	2	
G2 Genetics	5H-0701^	HX,RR2	C250	106	<b>236.1</b>	20.5	23.0	36.2	1,377.6	3	
Jung	7V570	VT3P	P500	105	<b>234.0</b>	20.0	6.0	32.6	1,368.9	4	
AgriGold	A6458VT3	VT3	P500,V	109	231.1	20.5	1.0	35.3	1,348.5	5	
AgriGold	A6473STX	STX	P500,V	109	229.5	21.6	1.0	28.8	1,331.6	9	
Cornelius	C582VT3P	VT3P	C250	109	229.3	21.2	3.7	35.3	1,333.2	8	
Steyer	10901	STX	P250	109	229.0	21.2	18.0	32.5	1,331.4	10	
Trelay	7ST637	STX	P500,V	110	228.8	20.5	19.7	36.2	1,335.0	7	
Great Lakes	5939G3VT3	VT3	P500,V	109	228.6	20.3	6.0	39.0	1,335.3	6	
Kruger	K4-9710	STX	P500,V	110	225.9	21.8	14.0	37.2	1,309.3	13	
Pioneer	35K04 CK	HXT,RR2	C250	106	225.4	20.6	1.0	34.4	1,314.5	12	
G2 Genetics	5X-909^*	HXT,RR2	C250	109	223.5	22.0	6.3	35.3	1,294.1	15	
NuTech	5B-1003*	GT/CB/LL	C250	110	222.6	20.4	1.0	39.0	1,299.5	14	
Steyer	10903	VT3P	P250	109	221.6	21.2	2.0	37.1	1,288.4	16	
Dairyland	ST-9210SSX	STX	C250	110	220.6	21.1	9.0	37.1	1,283.2	18	
Cornelius	C594VT3P	VT3P	P250	109	220.2	20.3	22.0	36.2	1,286.2	17	
Stine	9531VT3Pro*	VT3P	C250	107	220.1	20.8	12.7	33.5	1,282.3	19	
FS Seeds	FS 58MV4	VT3P	C250	108	220.1	21.2	3.7	39.0	1,279.7	20	
LG Seeds	LG2555VT3	VT3	P500,V	110	219.3	20.8	8.7	39.0	1,277.6	21	
Dairyland	ST-9308SSX	STX	C500,AV	108	218.2	20.6	9.0	32.6	1,272.5	23	
FS Seeds	FS 60TV4	VT3P	C250	110	217.9	21.0	2.0	38.1	1,268.2	24	
Fontanelle	6V879	VT3P	P500,V	107	217.1	19.5	1.0	37.1	1,273.3	22	
Stine	9731VT3Pro*	VT3P	C250	110	214.7	22.0	1.0	33.5	1,243.1	26	
NuTech	5N-1004*	3000GT	C250	110	213.1	20.8	18.0	33.5	1,241.5	28	
G2 Genetics	5X-908^*	HXT,RR2	C250	108	212.9	19.9	24.7	31.6	1,246.1	25	
AgriGold	A6476VT3Pro	VT3P	P500,V	110	212.8	20.4	28.7	34.4	1,242.3	27	
Channel	209-85VT3P	VT3P	P500,V	109	212.3	20.2	20.7	39.0	1,240.7	29	
Kruger	K-7907	VT3P	P500,V	107	209.8	19.3	3.7	36.2	1,231.7	30	
Channel	210-57STX	STX	P500,V	110	209.6	21.0	25.3	33.5	1,219.9	31	
Renk	RK818VT3P	VT3P	P250	108	227.1	21.2	31.0	36.2	1,320.4	11	
					Test Average =	<b>211.2</b>	<b>20.3</b>	<b>15.0</b>	<b>35.4</b>	<b>1,233.0</b>	
					LSD (0.10) =	20.7	0.8	23.9			
					C.V. =	7.2	2.9				

**TEST COMMENTS:** *This location started out decent and stands were really uniform, then there was not much rainfall for the next few weeks. Gusty winds in early July caused some of the root lodging that you see in the data. John commented that the corn on corn acres were showing more difference in yield this year than in past years versus corn following soybeans.*

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Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

### Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

### Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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