

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

Harbach Partnership, Jo Daviess County, IL 61087 [ WARREN ]

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

B1NCTS12a

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Force  
 SOIL DESCRIPTION: Osco/Musatune silt loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Mod. High P, mod. high K, 6.7 pH, 4% OM  
 PEST MANAGEMENT: Force, Lumax, Stratego  
 FERTILITY - Applied N: 151 Fall, 80 Spring,  
 Applied N-P-K (units): 231-28-108


30" ROW SPACING

SEEDED - RATE: May 9 35,100 /A  
 HARVESTED - STAND: Oct 15 33,800 /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
FS Seeds	FS 56TV4	VT3P	C250	106	<b>229.4</b>	23.6	16.7	34.4	1,317.2	2
Cornelius	C447VT3	VT3	C250	104	<b>226.9</b>	21.2	22.0	34.4	1,319.2	1
Kruger	K4-9205	STX	P500,V	105	<b>222.5</b>	20.9	28.7	35.3	1,295.6	3
Golden Harvest	H-7891GT/CB/LL GC	GT/CB/LL	C250	103	<b>219.2</b>	22.2	32.3	35.3	1,267.9	4
FS Seeds	FS 53TV4	VT3P	C250	103	<b>219.1</b>	22.1	44.7	34.4	1,267.9	5
Cornelius	C459SS	STX	C250	105	<b>217.8</b>	23.2	30.0	33.5	1,253.2	7
Great Lakes	5643VT3PRO	VT3P	P500,V	106	<b>217.6</b>	20.9	30.0	35.3	1,267.1	6
Trelay	6ST576	STX	P500,V	104	211.6	21.5	30.0	31.6	1,228.3	9
LG Seeds	LG2535STX	STX	P500,V	106	211.4	24.0	29.3	33.5	1,211.3	12
Steyer	10603	STX	P250	106	211.2	24.0	22.0	32.5	1,210.2	13
Garst	87U28-3000GT GC	3000GT	C250	101	210.2	20.0	41.7	31.6	1,229.7	8
Wyffels	W4267	VT3P	P250	105	209.9	21.3	36.7	29.7	1,219.7	10
Jung	7S555	STX	P500	102	209.1	21.6	40.7	32.6	1,213.2	11
Trelay	6VP125	VT3P	P500,V	103	208.7	22.1	36.7	33.5	1,207.7	14
AgriGold	A6389VT3Pro	VT3P	P500,V	105	207.7	21.6	41.7	36.2	1,205.1	15
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	205.7	21.8	28.7	34.4	1,192.2	18
Stine	9523VT3*	VT3	C250	104	205.1	20.4	64.7	34.4	1,197.4	16
Dairyland	ST-9799	VT3	C250	101	204.6	20.0	16.7	32.6	1,196.9	17
LG Seeds	LG2508VT3Pro GC	VT3P	P500,V	104	203.4	20.9	25.7	35.3	1,184.4	19
Renk	RK708VT3P	VT3P	P250	105	202.7	20.8	25.7	33.5	1,180.9	20
Kruger	K4-9302	STX	P500,V	102	199.9	21.0	28.7	36.2	1,163.4	22
Golden Harvest	H-8239 3111 GC	3111	C250	105	198.5	20.7	28.7	31.6	1,157.1	23
Viking	D44-06RL	STX	C250	106	197.4	24.0	30.0	33.5	1,131.1	28
Croplan	5757VT3	VT3	C250	106	196.7	22.0	64.7	34.4	1,138.9	26
Wyffels	W2757	VT3P	P250	102	195.8	20.7	27.0	33.5	1,141.3	24
Croplan	5237SS	STX	C250	102	195.8	20.8	45.3	35.3	1,140.7	25
Dekalb	DKC52-62 GC	RR2	P250	102	193.5	19.9	33.0	34.4	1,132.6	27
Croplan	5438SS	STX	C250	104	193.3	20.9	25.7	34.4	1,125.6	30
AgriGold	A6329VT3Pro	VT3P	P500,V	105	193.1	20.9	41.0	33.5	1,124.4	31
Steyer	10302	3000GT	C250	103	192.6	20.0	54.7	33.5	1,126.7	29
<b>Pioneer</b>	<b>35K04 CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>106</b>	<b>202.6</b>	<b>21.3</b>	<b>35.0</b>	<b>29.8</b>	<b>1,177.3</b>	<b>21</b>
					Test Average =	<b>192.9</b>	<b>21.2</b>	<b>38.0</b>	<b>33.8</b>	<b>1,121.2</b>
					LSD (0.10) =	20.0	0.7	18.0		
					C.V. =	7.7	2.5			



F.I.R.S.T. Manager

**TEST COMMENTS:** *Excellent corn for some of the extreme conditions that this location encountered. High winds with the July 11 storm caused most hybrids to have some degree of root lodging. Plant health on most hybrids was still good at the time of harvest. Others showed signs of Anthracnose, but very little of any other diseases.*

Lat: N42.50306, Long: W-90.08497

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: 10/16/2011

Revised:

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

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

B1NCTS12b

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Force  
 SOIL DESCRIPTION: Osco/Musatune silt loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.7 pH, 4% OM  
 PEST MANAGEMENT: Force, Lumax, Stratego  
 FERTILITY - Applied N: 151 Fall, 80 Spring,  
 Applied N-P-K (units): 231-28-108

30" ROW SPACING

SEEDED - RATE: May 9 35,100 /A  
 HARVESTED - STAND: Oct 15 33,200 /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
Jung	7V635	VT3P	P500	107	<b>229.7</b>	22.2	28.7	32.6	1,558.3	1
Channel	209-85VT3P	VT3P	P500,V	109	<b>221.4</b>	21.9	33.0	32.6	1,504.0	2
Croplan	6125VT3	VT3	C250	109	<b>218.7</b>	22.7	33.7	30.7	1,480.4	3
Trelay	7VP164	VT3P	P500,V	108	216.8	22.1	19.7	28.8	1,471.4	4
Trelay	6VT823	VT3	P500,V	107	215.4	23.6	14.3	33.5	1,452.2	5
Dyna-Gro	57V40	VT3	P250	110	214.5	23.7	22.0	33.5	1,445.5	7
FS Seeds	FS 58MV4	VT3P	C250	108	214.4	23.2	32.3	31.6	1,448.1	6
Renk	RK741VT3P	VT3P	P250	108	213.7	23.0	16.7	33.5	1,444.6	8
Cornelius	C594VT3P	VT3P	P250	109	213.4	23.0	41.7	35.3	1,442.6	9
LG Seeds	LG2555VT3	VT3	P500,V	110	212.9	25.4	38.0	32.6	1,423.9	12
Jung	7S681	STX	P500	108	211.3	23.7	28.7	28.8	1,424.0	11
Channel	210-57STX	STX	P500,V	110	210.6	23.8	25.7	34.4	1,418.6	15
Wyffels	W5077	VT3P	P250	107	209.9	23.0	11.3	33.5	1,418.9	14
Renk	RK744VT3P	VT3P	P250	107	209.7	21.5	40.3	32.5	1,427.0	10
Renk	RK795VT3P	VT3P	P250	109	209.7	22.7	16.7	33.5	1,419.5	13
Kruger	K4-9710	STX	P500,V	110	208.9	23.7	20.3	32.6	1,407.8	16
Great Lakes	5770VT3PRO	VT3P	P500,V	107	208.3	24.7	25.7	31.6	1,397.5	19
NuTech	5B-1003*	GT/CB/LL	C250	110	207.5	22.8	30.0	34.4	1,403.9	18
Steyer	10701	VT3P	P250	107	206.9	21.7	27.0	32.6	1,406.7	17
Channel	210-61VT3	VT3	P500,V	110	205.5	24.8	45.3	35.3	1,378.1	22
Great Lakes	5939G3VT3	VT3	P500,V	109	204.3	22.8	28.7	33.4	1,382.3	20
G2 Genetics	5X-909^*	HXT,RR2	C250	109	203.6	22.7	41.7	34.4	1,378.2	21
Trelay	7ST637	STX	P500,V	110	202.5	24.3	19.0	34.4	1,361.0	26
AgriGold	A6458VT3	VT3	P500,V	109	202.2	23.0	36.0	32.5	1,366.9	24
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	200.8	21.6	46.0	33.4	1,365.8	25
LG Seeds	LG2549VT3	VT3	P500,V	109	199.9	22.5	27.0	34.4	1,354.3	28
Cornelius	C582VT3P	VT3P	C250	109	199.6	22.9	28.7	35.3	1,349.9	29
G2 Genetics	5X-908^*	HXT,RR2	C250	108	199.2	23.2	32.3	32.6	1,345.4	31
Fontanelle	6V879	VT3P	P500,V	107	198.6	20.0	19.0	33.5	1,360.4	27
G2 Genetics	5H-0701^	HX,RR2	C250	106	198.6	22.0	25.7	32.6	1,348.5	30
Pioneer	35K04 CK	HXT,RR2	C250	106	203.4	22.6	28.7	32.6	1,377.4	23
Test Average =					<b>201.1</b>	<b>23.0</b>	<b>31.3</b>	<b>33.2</b>	<b>1,359.3</b>	
LSD (0.10) =					16.0	1.6	16.6			
C.V. =					5.9	5.1				

**TEST COMMENTS:** *Excellent corn for some of the extreme conditions that this location encountered. High winds with the July 11 storm caused most hybrids to have some degree of root lodging. Plant health on most hybrids was still good at the time of harvest. Others showed signs of Anthracnose, but very little of any other diseases.*

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## 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	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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