

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

Steve Hollewell, Carroll County, IL 61051 [MILLEDGEVILLE]

EARLY SEASON TEST
101 - 106 Day CRM

B1NCTS07a

 PREV. CROP/HERB: Corn / Roundup, Roundup
 SOIL DESCRIPTION: Muscatine/Osco silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Force, Cinch ATZ, Laudis, Atrazine
 FERTILITY - Applied N: 188 Fall, 30 Spring,
 Applied N-P-K (units): 218-46-60

30" ROW SPACING

 SEEDED - RATE: May 5 37,500 /A
 HARVESTED - STAND: Oct 9 35,900 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS Seeds	FS 56TV4	VT3P	C250	106	216.7	20.9	54.3	37.2	1,261.8	1
LG Seeds	LG2535STX	STX	P500,V	106	201.4	22.0	69.7	36.2	1,166.1	2
Croplan	5757VT3	VT3	C250	106	199.2	20.6	68.7	37.1	1,161.7	3
Trelay	6ST576	STX	P500,V	104	195.7	19.8	76.0	35.3	1,146.0	4
Croplan	5237SS	STX	C250	102	193.4	18.9	87.3	37.1	1,137.8	5
Jung	7S555	STX	P500	102	193.2	19.5	76.0	34.4	1,133.1	7
Golden Harvest	H-8239 3111 GC	3111	C250	105	193.1	19.2	81.7	38.1	1,134.3	6
Great Lakes	5643VT3PRO	VT3P	P500,V	106	190.9	20.6	87.3	33.5	1,113.3	8
Cornelius	C459SS	STX	C250	105	189.3	21.0	68.0	37.1	1,101.7	9
Steyer	10603	STX	P250	106	188.0	21.5	30.0	37.1	1,091.3	11
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	186.4	19.5	93.7	34.4	1,093.2	10
G2 Genetics	5H-502 [^] *	HX,RR2	C250	102	185.1	19.8	87.3	38.1	1,083.9	14
Dekalb	DKC52-62 GC	RR2	P250	102	185.0	19.0	66.7	35.3	1,087.8	12
Kruger	K4-9205	STX	P500,V	105	185.0	19.4	93.7	36.2	1,085.6	13
AgriGold	A6384VT3Pro	VT3P	P500,V	106	183.4	18.8	76.0	36.2	1,079.5	16
Kruger	K4-9302	STX	P500,V	102	181.4	18.8	51.7	35.3	1,067.7	17
Wyffels	W4267	VT3P	P250	105	181.0	19.6	60.7	37.1	1,061.0	18
Trelay	6ST620	STX	P500,V	106	180.8	20.3	87.3	36.2	1,056.1	20
FS Seeds	FS 53TV4	VT3P	C250	103	180.0	19.4	50.0	36.2	1,056.2	19
FS Seeds	FS 54TL2	3111	C250	104	179.2	19.7	69.7	36.2	1,049.9	21
Dairyland	ST-9303SSX	STX	C250	103	176.4	18.5	81.7	39.0	1,039.9	22
Wyffels	W4179	3000GT	C250	105	176.1	19.8	60.3	34.4	1,031.2	23
G2 Genetics	5X-903 [^]	HXT,RR2	P1250,V	103	173.8	19.9	76.0	36.2	1,017.3	24
AgriGold	A6389VT3Pro	VT3P	P500,V	105	172.3	20.8	87.3	36.2	1,003.8	26
Viking	D44-06RL	STX	C250	106	172.3	21.7	56.0	33.5	999.2	28
Renk	RK619SSTX	STX	P250	104	171.2	19.0	81.7	36.2	1,006.7	25
Jung	7V546	VT3P	P500	102	169.2	18.1	42.0	37.1	999.5	27
Dairyland	ST-9799	VT3	C250	101	167.7	17.7	87.3	35.3	992.6	29
Trelay	6VP125	VT3P	P500,V	103	167.7	18.5	21.7	35.3	988.6	30
Croplan	4136VT3PRO	VT3P	C250	101	167.5	18.4	56.7	36.2	987.9	31
Pioneer	35K04 CK	HXT,RR2	C250	106	184.6	19.8	75.3	34.4	1,081.0	15
					Test Average =	165.2	19.6	75.5	35.9	968.0
					LSD (0.10) =	25.3	1.4	27.4		
					C.V. =	11.3	5.1			



F.I.R.S.T. Manager

TEST COMMENTS: As you can see from the lodging scores, this corn was root lodged severely from the July 11 wind storm. Most hybrids did goose neck back up, but harvest was difficult. Stalk quality was still decent, but anthracnose was starting to take its toll on most hybrids. The 7 weeks before pollination were extremely dry in this area.

Lat: N41.95853, Long: W-89.79482

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

[†] 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

^{††} 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

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Report Date: 10/11/2011

Revised:

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

Steve Hollewell, Carroll County, IL 61051 [MILLEDGEVILLE]

FULL SEASON TEST
107 - 110 Day CRM

B1NCTS07b

PREV. CROP/HERB: Corn / Roundup, Roundup
 SOIL DESCRIPTION: Muscatune/Osco silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Force, Cinch ATZ, Laudis, Atrazine
 FERTILITY - Applied N: 188 Fall, 30 Spring,
 Applied N-P-K (units): 218-46-60

30" ROW SPACING

SEEDED - RATE: May 5 37,500 /A
 HARVESTED - STAND: Oct 9 35,800 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS Seeds	FS 58MV4	VT3P	C250	108	233.5	21.4	28.7	33.5	1,589.7	1
Jung	7V635	VT3P	P500	107	223.7	20.3	69.7	36.2	1,530.3	2
Renk	RK741VT3P	VT3P	P250	108	223.5	21.2	72.3	35.3	1,522.9	3
Renk	RK818VT3P	VT3P	P250	108	215.4	21.3	75.3	37.1	1,467.1	4
G2 Genetics	5H-1001 [^]	HX,RR2	P1250,V	110	213.9	22.1	64.7	38.1	1,451.7	9
Steyer	10903	VT3P	P250	109	213.7	21.3	59.3	36.2	1,455.5	8
FS Seeds	FS 60TV4	VT3P	C250	110	213.2	20.2	69.7	35.3	1,459.1	6
Fontanelle	6V879	VT3P	P500,V	107	212.8	20.0	49.7	35.3	1,457.7	7
Jung	7V570	VT3P	P500	105	212.7	19.2	53.7	34.4	1,462.1	5
Kruger	K-7907	VT3P	P500,V	107	210.5	18.7	22.0	33.5	1,450.1	10
Kruger	K4-9710	STX	P500,V	110	210.4	23.6	56.7	39.0	1,418.5	13
Trelay	7VP164	VT3P	P500,V	108	210.0	21.7	60.3	35.3	1,427.8	11
Great Lakes	5939G3VT3	VT3	P500,V	109	208.2	21.2	93.7	37.1	1,418.7	12
Dyna-Gro	57V40	VT3	P250	110	206.3	23.4	78.7	33.5	1,392.1	15
Croplan	6125VT3	VT3	C250	109	205.8	21.1	93.7	33.5	1,402.9	14
Steyer	10901	STX	P250	109	203.8	23.0	81.7	36.2	1,377.7	17
Channel	210-61VT3	VT3	P500,V	110	203.1	22.6	87.3	33.5	1,375.4	18
Kruger	K4-9209	STX	P500,V	109	203.0	21.5	93.7	37.1	1,381.4	16
AgriGold	A6473STX	STX	P500,V	109	201.2	23.1	87.3	33.5	1,359.5	21
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	200.6	21.0	75.3	35.3	1,368.1	19
Great Lakes	5770VT3PRO	VT3P	P500,V	107	199.9	21.2	81.7	33.5	1,362.1	20
Steyer	1097	3111	C250	109	198.9	22.8	93.7	35.3	1,345.8	23
Dairyland	ST-9210SSX	STX	C250	110	198.5	23.8	31.3	38.1	1,337.1	25
Channel	209-85VT3P	VT3P	P500,V	109	198.1	20.6	61.7	34.4	1,353.4	22
NuTech	5B-1003*	GT/CB/LL	C250	110	197.0	21.4	51.0	34.4	1,341.2	24
G2 Genetics	5X-908 [^] *	HXT,RR2	C250	108	195.3	22.0	81.7	36.2	1,326.1	28
Cornelius	C623VT3P	VT3P	P250	110	194.9	20.9	75.3	38.1	1,329.8	27
Trelay	7ST637	STX	P500,V	110	194.7	23.0	88.0	36.2	1,316.2	30
Wyffels	W5077	VT3P	P250	107	194.6	20.0	64.0	36.2	1,333.0	26
NuTech	5N-1004*	3000GT	C250	110	194.3	22.4	87.3	34.4	1,317.0	29
Pioneer	35K04 CK	HXT,RR2	C250	106	181.8	20.0	76.0	36.2	1,245.3	36
Test Average =					192.2	21.8	76.2	35.8	1,306.4	
LSD (0.10) =					23.2	1.6	25.4			
C.V. =					8.9	5.3				



F.I.R.S.T. Manager

TEST COMMENTS: As you can see from the lodging scores, this corn was root lodged severely from the July 11 wind storm. Most hybrids did goose neck back up, but harvest was difficult. Stalk quality was still decent, but anthracnose was starting to take its toll on most hybrids. The 7 weeks before pollination were extremely dry in this area.

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^{††} IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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

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