

2010 BETTER HYBRIDS Harvest Report for North Central Tri-State [NCTS]

John Wilsons, Clinton County, IA 52064 [MILES]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B0NCTS08a
 SOIL DESCRIPTION: Orion clay loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra, Atrazine, Roundup, Force 30" ROW SPACING
 FERTILITY - Applied N: 21 Fall, 180 Spring,
 Applied N-P-K (units): 201-16-84
 SEEDED - RATE: Apr 23 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 14 32,800 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	5643VT3PRO	VT3P	P250	220.2	16.0	1.0	34.4	\$872.0	1
NuTech	3T-808	VT3	C250	218.0	16.3	2.0	34.4	\$860.7	2
Cornelius	C454XTLLRR	HXT,RR2	C250	213.3	16.4	1.0	32.5	\$841.3	4
NuTech	G2 5H-404^	HX,RR2	C250	213.0	15.9	1.0	29.8	\$844.3	3
Croplan	5757VT3	VT3	C250	211.3	17.1	1.0	36.2	\$827.5	6
NuTech	G2 5H-005^	HX,RR2	C250	210.1	16.3	1.0	32.5	\$829.5	5
Dairyland	ST9206Q	HXT,RR2	C250	208.5	16.6	1.0	32.6	\$820.7	8
Mycogen	2A551	HXT,RR2	C250	207.7	15.5	2.0	33.4	\$826.6	7
Croplan	5415VT3P	VT3P	C250	205.8	15.9	1.0	32.6	\$815.8	10
Mycogen	2K592	VT3	C250	205.1	16.6	1.0	32.6	\$807.3	15
LG Seeds	LG2527VT3	VT3	P250	204.9	15.8	1.0	32.6	\$813.0	11
Cornelius	C447VT3	VT3	P250	204.3	15.7	1.0	35.3	\$811.5	12
Croplan	5338SS	SS	C250	204.1	15.6	1.0	36.2	\$811.5	13
Trelay	6ST576	SS	P250	203.5	15.6	1.0	35.3	\$809.1	14
AgriGold	A6323GT3	3000GT	C250	202.9	15.9	1.0	28.8	\$804.3	17
Fontanelle	5T426	VT3	P250	202.5	15.7	1.0	35.3	\$804.3	16
Renk	RK619SSTX	SS	P250	202.2	16.0	1.0	33.5	\$800.7	19
Trelay	6VT618	VT3	P250	201.8	15.9	1.0	29.8	\$799.9	20
Croplan	5237SS	SS	C250	201.7	15.7	1.0	29.8	\$801.2	18
Jung	7S555	SS	P250	201.3	16.1	1.0	34.4	\$796.3	22
Dekalb	DKC51-86	VT3P	P250	200.8	15.6	1.0	32.6	\$798.4	21
Fielders Choice	NG6646 GC	VT3	P250	200.2	16.0	1.0	35.3	\$792.8	23
NuTech	G2 5H-608A^	HX,RR2	C250	200.1	16.5	1.0	31.6	\$788.4	25
FS Seeds	FS54SX1	SS	P250	198.8	15.8	2.0	33.5	\$788.8	24
Wyffels	W2681	VT3	P250	198.8	16.0	1.0	32.5	\$787.2	26
Cornelius	C462-3000GT	3000GT	C250	196.5	15.7	1.0	31.6	\$780.5	27
Wyffels	W2751	VT3	P250	196.5	15.8	1.0	34.4	\$779.7	28
Great Lakes	5211GS	SS	P250	196.4	16.0	2.0	32.5	\$777.7	29
Mycogen	2J597	SS	C250	195.8	15.7	2.0	36.2	\$777.7	30
Jung	7520VT3	VT3	P250	195.7	15.9	1.0	31.6	\$775.8	31
Pioneer	35K04 CK	HXT,RR2	P250	207.8	16.5	1.0	34.4	\$818.7	9
Test Average =				195.8	15.9	1.5	32.8	\$776.4	
LSD (0.10) =				15.3	0.8	6.1			
C.V. =				5.8	3.5				

TEST COMMENTS: *This plot had a great start and received ample amounts of rainfall all year, to the point of excess at times. Stalk quality was starting to become really poor. Corn was starting to get too dry, because there was a small amount of ear shelling at the head. Pollination was good on the majority of the hybrids.*

Lat: N42.03351, Long: W90.2563

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	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				

2010 BETTER HYBRIDS Harvest Report for North Central Tri-State [NCTS]

John Wilsons, Clinton County, IA 52064 [MILES]

FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B0NCTS08b
 SOIL DESCRIPTION: Orion clay loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra, Atrazine, Roundup, Force 30" ROW SPACING
 FERTILITY - Applied N: 21 Fall, 180 Spring,
 Applied N-P-K (units): 201-16-84
 SEEDED - RATE: Apr 23 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 14 33,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	3T-110	VT3	C250	250.4	17.7	1.0	32.5	\$974.6	1
Dyna-Gro	57V40	VT3	P250	247.2	17.4	1.0	32.5	\$965.1	2
FS Seeds	FS60MV4	VT3P	P250	244.3	17.2	3.0	33.5	\$955.7	3
NuTech	G2 5H-608^	HX,RR2	C250	241.5	16.9	1.0	34.4	\$947.6	4
Jung	7681VT3	VT3	P250	241.5	17.1	1.0	35.3	\$945.7	5
Channel	210-61VT3	VT3	P250	241.2	18.0	1.0	33.5	\$935.9	7
Great Lakes	5939G3VT3	VT3	P250	239.6	16.6	2.0	34.4	\$943.1	6
Kruger	K-6107VT3	VT3	C250	237.5	16.7	1.0	34.4	\$933.9	8
Wyffels	W6871	VT3	P250	237.5	18.3	1.0	34.4	\$918.7	12
Garst	84U58-3000GT GC	3000GT	C500	236.7	17.5	1.0	34.4	\$923.1	10
Croplan	6125VT3	VT3	C250	235.3	16.5	1.0	32.5	\$927.1	9
Channel	209-77VT3 GC	VT3	P250	234.9	16.9	1.0	33.5	\$921.7	11
AgriGold	A6458VT3	VT3	P250	233.8	17.0	1.0	32.6	\$916.5	13
Croplan	6331VT3	VT3	C250	233.1	18.1	2.0	32.6	\$903.5	17
LG Seeds	LG2549VT3	VT3	P250	232.9	17.6	6.0	32.6	\$907.4	14
NuTech	G2 5X-909^	HXT,RR2	C250	231.3	18.0	1.0	34.4	\$897.4	20
NuTech	G2 5X-908^	HXT,RR2	C250	230.8	17.5	1.0	33.5	\$900.1	19
Channel	208-72VT3	VT3	P250	230.4	16.8	1.0	33.5	\$905.0	15
NuTech	3T-708	VT3	C250	230.1	16.7	1.0	33.5	\$904.8	16
Dekalb	DKC57-50	VT3	P250	229.1	16.5	2.0	34.4	\$902.7	18
FS Seeds	FS57SV3	VT3	P250	227.9	16.8	1.0	31.6	\$895.2	21
Croplan	6150VT3	VT3	C250	226.9	17.2	1.0	33.5	\$887.6	23
Dekalb	DKC59-35	VT3	P250	226.5	17.0	1.0	34.4	\$887.9	22
Titan Pro	80A10	CB/LL/RW	C250	225.5	17.5	1.0	32.6	\$879.5	25
Dyna-Gro	V4993VT3	VT3	P250	224.2	16.1	1.0	32.6	\$886.9	24
Cornelius	C547VT3	VT3	P250	223.9	17.0	3.7	36.2	\$877.7	26
Cornelius	C649VT3	VT3	P250	223.7	17.1	3.0	31.6	\$876.0	27
Croplan	6425VT3P	VT3P	C250	222.2	17.0	1.0	32.5	\$871.0	28
Stine	9531VT3Pro	VT3P	P250	221.0	17.0	1.0	32.6	\$866.3	30
Mycogen	2P612	VT3	C250	220.6	16.5	1.0	29.8	\$869.2	29
Pioneer	35K04 CK	HXT,RR2	P250	205.0	16.6	1.0	31.6	\$806.9	57
Test Average =				221.5	17.1	2.0	33.0	\$867.8	
LSD (0.10) =				13.6	0.6	6.6			
C.V. =				4.5	2.4				

TEST COMMENTS: *This plot had a great start and received ample amounts of rainfall all year, to the point of excess at times. Stalk quality was starting to become really poor. Corn was starting to get too dry, because there was a small amount of ear shelling at the head. Pollination was good on the majority of the hybrids.*
Lat: N42.03351, Long: W90.2563

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 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 [™]

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- Herculex[®] is a trademark of Dow AgroSciences LLC.
- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
- Acceleron[®], Genuity[®], Roundup Ready[®], Roundup Ready 2 Yield[®], SmartStax[™], VT Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent