

**2010 BETTER HYBRIDS Harvest Report for Pennsylvania Central [ PACE ]**
**ALL SEASON TEST**

Rich &amp; Stan Crone, Montour County, PA 17821 [ DANVILLE ]

**99 - 109 Day CRM**

PREV. CROP/HERB: Soybean B0PACE01  
 SOIL DESCRIPTION: silt loam, mod. well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, moderate K, 6.4 pH, 3.4% OM  
 PEST MANAGEMENT: Touchdown, Bicep II Magnum, Steadfast, Callisto, Province 30" ROW SPACING  
 FERTILITY - Applied N: 65 Spring, 102 Planter,  
 Applied N-P-K (units): 167-9-6  
 SEEDING - RATE: May 1 33,200 /A TOP 30 OF 30 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 21 32,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Growmark FS	5667GT3	3000GT	C250	199.1	19.6	0.0	32.4	\$1,042.3	1
Channel	205-94VT3	VT3	P250	197.5	19.4	0.3	31.5	\$1,034.9	3
Doebblers	554GRQ	3000GT	C250	197.0	19.0	0.0	31.9	\$1,034.3	4
TA Seeds	TA545-20*	3000GT	P250	196.8	18.3	0.0	33.2	\$1,036.6	2
TA Seeds	TA565-18*	GT	P250	194.3	17.7	0.7	33.0	\$1,026.4	5
Hubner	H5346VT3	VT3	P250	191.2	18.2	0.0	32.5	\$1,007.6	6
Dyna-Gro	56R60	HXT,RR2	P250	189.4	19.6	0.0	35.4	\$991.5	7
Doebblers	RPM 615HRQ <sup>^</sup>	HXT,RR2	C250	189.4	19.7	0.0	32.1	\$991.0	8
Dyna-Gro	D40SS09	VT3	P250	187.5	17.6	0.0	31.6	\$990.9	9
TA Seeds	TA525-13V*	VT3	P250	186.7	18.8	0.0	32.9	\$981.1	10
Dyna-Gro	D49VP59	VT3P	P250	182.1	21.0	0.0	32.0	\$946.9	12
Hubner	H6330GENSS	SS	P250	180.5	20.0	0.0	32.9	\$943.1	14
Channel	199-55VT3	VT3	P250	179.9	16.6	0.0	32.4	\$955.3	11
Augusta	A2855GT3*	3000GT	C250	179.4	18.9	0.0	30.1	\$942.3	15
Hubner	H5222VT3	VT3	P250	178.4	17.4	0.3	32.2	\$943.7	13
Augusta	A2857*	None	C250	178.4	18.2	1.7	33.4	\$940.2	16
Fielders Choice	NG6686	VT3	P250	177.4	20.2	0.7	30.7	\$926.0	20
Growmark FS	5595VT3*	VT3	P250	177.2	16.8	0.0	32.9	\$940.0	17
Dekalb	DKC52-59 GC	VT3	P250	177.0	16.8	0.0	32.6	\$939.0	18
TA Seeds	TA531-00*	None	P250	174.9	17.2	6.3	32.5	\$926.1	19
Doebblers	RPM 633HXR <sup>^</sup>	HX,RR2	C250	173.5	23.5	0.0	31.0	\$891.4	23
Augusta	A2752GT3*	3000GT	C250	172.0	17.7	0.3	33.2	\$908.6	21
Hubner	H5451VT3	VT3	P250	171.2	22.1	0.0	32.0	\$885.5	24
Pioneer	33K04 GC	HXT,RR2	C250	170.8	18.8	0.0	29.3	\$897.6	22
Channel	209-77VT3	VT3	P250	169.2	24.8	0.3	32.9	\$863.8	25
Augusta	A5558VT3	VT3	P250	165.2	21.3	0.7	31.5	\$857.8	26
Augusta	A5457P*	None	P250	160.5	18.4	3.3	31.0	\$845.0	27
Augusta	A5337EVT3	VT3	C250	152.9	21.8	0.0	31.1	\$792.0	28
Fielders Choice	NG6729	VT3	P250	148.4	22.1	0.0	32.4	\$767.6	29
Augusta	A2850CC*	CB/LL	P250	143.4	17.2	13.7	32.3	\$759.3	30
Test Average =				178.0	19.3	0.9	32.2	\$933.6	
LSD (0.10) =				18.3	1.3	2.0			
C.V. =				7.5	5.0				

  
 Robin Kauffman  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Like most years planting date and maturity makes or breaks corn yields. This plot was planted at the right time to take advantage of the rains. Early planting and shorter maturity hybrids missed the later rains. Overall plot saw little stress due to environment or disease.

Lat: N40.91895, Long: W76.68347

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$5.35

<sup>†</sup> 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

<sup>††</sup> 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

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

AgSCI Copyright 2010

Report Date: 10/23/2010

Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

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