

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

Scott & Gerry Shoop, Northumberland County, PA 17847

[NORTHUMBERLAND]

99 - 109 Day CRM

PREV. CROP/HERB: Soybean B0PACE02
 SOIL DESCRIPTION: sandy clay loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, moderate K, 5.9 pH, 2.6% OM
 PEST MANAGEMENT: Gramoxone Inteon, Lexar, Province 30" ROW SPACING
 FERTILITY - Applied N: 56 Planter, 110 Sidedress,
 Applied N-P-K (units): 166-16-5
 SEEDING - RATE: May 1 33,200 /A TOP 30 OF 30 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 21 33,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	205-94VT3	VT3	P250	229.9	17.6	1.0	34.6	\$1,215.0	1
Hubner	H5346VT3	VT3	P250	223.9	16.6	0.3	33.2	\$1,188.9	2
Augusta	A2857*	None	C250	219.8	17.8	0.3	33.3	\$1,160.5	3
Channel	209-77VT3	VT3	P250	217.4	18.6	0.3	33.6	\$1,143.5	4
Fielders Choice	NG6686	VT3	P250	215.9	17.7	1.0	31.4	\$1,140.5	5
Augusta	A5558VT3	VT3	P250	214.0	17.5	2.7	32.4	\$1,131.5	6
Hubner	H5451VT3	VT3	P250	213.1	18.0	0.3	32.5	\$1,124.1	9
Dyna-Gro	D49VP59	VT3P	P250	213.0	18.7	0.3	33.5	\$1,119.8	10
Hubner	H6330GENSS	SS	P250	212.9	17.5	0.0	34.4	\$1,125.7	8
Growmark FS	5667GT3	3000GT	C250	212.7	16.6	0.0	33.8	\$1,129.4	7
Hubner	H5222VT3	VT3	P250	209.4	16.1	0.7	34.3	\$1,114.5	11
Augusta	A2855GT3*	3000GT	C250	206.1	18.2	0.3	31.2	\$1,086.1	12
Doebler	554GRQ	3000GT	C250	204.0	17.0	0.0	33.4	\$1,081.2	14
TA Seeds	TA525-13V*	VT3	P250	203.0	15.8	0.3	32.8	\$1,082.0	13
Doebler	RPM 633HXR^	HX,RR2	C250	201.6	19.8	0.0	34.1	\$1,054.4	16
Growmark FS	5595VT3*	VT3	P250	201.4	16.1	0.7	32.4	\$1,072.0	15
Augusta	A5337EVT3	VT3	C250	200.4	19.3	0.7	33.2	\$1,050.6	17
Augusta	A2752GT3*	3000GT	C250	196.2	17.1	0.3	33.8	\$1,039.4	19
Dekalb	DKC52-59 GC	VT3	P250	195.6	15.0	2.0	34.6	\$1,046.5	18
Channel	199-55VT3	VT3	P250	192.5	15.2	0.3	34.2	\$1,028.9	20
Pioneer	33K04 GC	HXT,RR2	C250	192.2	17.1	0.0	30.2	\$1,018.2	21
Fielders Choice	NG6729	VT3	P250	190.0	20.1	0.3	33.9	\$992.3	26
Dyna-Gro	D40SS09	VT3	P250	188.8	16.2	1.0	33.5	\$1,004.4	22
Augusta	A5457P*	None	P250	188.5	16.9	3.0	32.6	\$999.5	23
TA Seeds	TA545-20*	3000GT	P250	187.8	16.2	0.0	32.4	\$999.1	24
TA Seeds	TA565-18*	GT	P250	187.0	15.5	1.0	34.1	\$998.1	25
Doebler	RPM 615HRQ^	HXT,RR2	C250	185.8	16.9	0.0	32.0	\$985.2	27
TA Seeds	TA531-00*	None	P250	175.1	15.6	2.0	33.0	\$934.2	28
Dyna-Gro	56R60	HXT,RR2	P250	168.5	16.6	0.3	34.6	\$894.7	29
Augusta	A2850CC*	CB/LL	P250	154.3	15.8	4.7	32.0	\$822.4	30
				Test Average =	200.0	17.1	0.8	33.2	\$1,059.4
				LSD (0.10) =	19.7	1.3	1.4		
				C.V. =	7.2	5.4			


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

TEST COMMENTS: *Don't ever judge how good a corn crop is in June. In June, this plot was going through some drought stress, timely rains and heat came in July and August which made for some big corn yields. Big yields and also some of the tallest corn harvested this year.*

Lat: N40.95579, Long: W76.8455

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

[†] 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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Revised:



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 [™]

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