

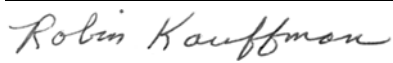
2011 BETTER HYBRIDS Harvest Report for Pennsylvania South East [PASE]

Geoff Brubaker, Lancaster County, PA 17601 [LANCASTER]

ALL SEASON TEST
105 - 115 Day CRM

PREV. CROP/HERB: Corn / Cinch ATZ, Basis, Atrazine B1PASE12
 SOIL DESCRIPTION: silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, mod. low K, 5.3 pH, 2.8% OM
 PEST MANAGEMENT: Gramoxone Inteon, Corvus, Mustang 30" ROW SPACING
 FERTILITY - Applied N: 175 Spring, 55 Sidedress,
 Applied N-P-K (units): 230-0-0
 SEEDED - RATE: May 27 28,000 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 4 24,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	212-08VT3P	VT3P	P500,V	112	170.7	20.9	0.7	26.2	1,169.7	1
Dyna-Gro	CX11114*	VT3P	P250	114	159.4	21.2	4.7	25.6	1,091.1	2
Augusta	A0606GTCBLL	GT/CB/LL	C500,AV	111	156.6	24.4	9.0	25.5	1,059.4	3
Channel	214-14VT3P	VT3P	P500,V	114	154.4	21.6	0.3	24.4	1,055.3	4
Doeblers	RPM 633HXR^	HX,RR2	C250	110	152.8	23.3	0.7	23.6	1,037.9	6
Hubner	H5609VT3P	VT3P	P500,V	112	152.2	23.6	0.0	25.8	1,032.7	7
Channel	208-72VT3	VT3	P500,V	107	151.9	20.5	4.3	23.7	1,042.4	5
Channel	212-17VT3P	VT3P	P500,V	112	149.2	21.5	3.3	24.4	1,020.2	8
Augusta	A5461GTCBLL	GT/CB/LL	C500,AV	111	149.2	23.3	2.0	24.1	1,013.4	9
Augusta	A0720CBLL	CB/LL	C250	112	148.5	23.2	0.3	25.2	1,009.1	10
Doeblers	RPM 725HRQ^	HXT,RR2	C250	115	147.3	22.8	1.7	25.4	1,002.4	12
Channel	211-99VT3P	VT3P	P500,V	111	147.0	20.7	0.3	25.7	1,008.1	11
Fielders Choice	NG6843	VT3	P250	114	146.5	22.5	25.0	23.0	998.0	16
Dyna-Gro	57V59	VT3	P250	114	145.9	20.6	0.7	23.2	1,000.9	14
TA Seeds	TA717-20	3000GT	P250	114	145.7	24.6	1.3	23.5	984.9	22
Augusta	A6164GT3000	3000GT	C250	115	145.6	25.0	0.7	23.5	982.8	23
TA Seeds	TA657-13VP	VT3P	P250	111	145.4	21.0	8.7	23.2	996.0	18
Hubner	H5333VT3P	VT3P	P500,V	107	145.3	19.1	4.7	24.4	1,002.2	13
Hubner	H6555GENSS	STX	P500,V	111	145.0	21.8	0.7	24.1	990.4	20
Augusta	A5560VT3	VT3	P250	109	144.9	19.6	3.7	24.9	997.6	17
GROWMARK FS	6296VT3*	VT3	P250	112	144.9	21.7	1.3	23.1	990.0	21
Masters Choice	MCT-583	3000GT	P250	111	144.7	19.1	9.0	22.5	998.1	15
Pioneer	35K01 GC	RR2	C250	115	144.5	20.6	27.7	25.5	991.3	19
Fielders Choice	NG6818	VT3	P250	114	143.8	21.7	4.7	22.7	982.5	25
Masters Choice	MC-534	None	P250	107	142.7	19.5	18.0	24.8	982.8	24
Doeblers	674GRQ	3000GT	C250	112	142.3	24.3	0.7	24.8	963.0	27
Hubner	H6762GENSS	STX	P500,V	114	141.9	24.0	0.0	24.8	961.4	28
GROWMARK FS	6313VP3*	VT3P	P250	114	141.5	22.7	3.7	24.1	963.3	26
TA Seeds	TA720-20	3000GT	P250	113	141.0	23.8	0.7	24.4	956.0	30
TA Seeds	TA778-28	STX	P250	115	140.6	22.6	0.0	23.5	957.5	29
Test Average =					145.0	22.2	5.7	24.3	989.2	
LSD (0.10) =					10.9	1.3	9.2			
C.V. =					5.5	4.2				


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

TEST COMMENTS: *Good plot! Despite below average populations in the test, the yields were very consistent. In spite of rainfall being below normal for June and July, hybrids seemed to handle the stress quite well. The plot also allowed for good lodging ratings. Some gray leaf spot and Anthracnose came in very late in the growing season. Very nice consistent results here.*
Lat: N40.06141, Long: W-76.40141

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.00

[†] 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



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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