

2012 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 / CinchATZ, Basis, Atrazine B2PASE09
 SOIL DESCRIPTION: Silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, mod. low K, 5.6 pH, 2.8% OM
 PEST MANAGEMENT: Roundup, 2,4-DLV f/b Lumax, Atrazine, Roundup, Mustang, Capture 30" ROW SPACING
 FERTILITY - Applied N: 175 Spring
 Applied N-P-K (units): 175-0-0
 SEEDING - RATE: May 12 32,800 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 22 31,400 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hubner	H5333VT3P	VT3P	AC,P2	107	174.0	16.7	1	31.7	1,298	1
Augusta	A0606GTCLL	GT/CB/LL	MQ,C2	111	173.7	21.4	0	32.9	1,275	2
TA Seeds	TA683-22DP	VT2P	MQ,C2	112	171.2	18.2	1	31.8	1,270	3
Augusta	A0720GTCLL	GT/CB/LL	MQ,C2	112	169.9	18.9	1	32.4	1,258	5
Mid-Atlantic Seed	MA8127VT3P	VT3P	AC,P2	112	169.9	20.1	1	32.5	1,253	7
Seed Consultants	SCS 11HR21^	HX,RR2	MQ,P1V	112	169.8	18.9	0	31.7	1,257	6
Pioneer	P0210HR	HX,RR2	MQ,C2	102	168.4	15.9	2	31.6	1,259	4
NK Brand	N72A-3111	3111	CE,C2	112	166.9	19.6	0	32.1	1,233	9
Augusta	A5658GTCLL	GT/CB/LL	MQ,C2	108	166.1	17.4	1	30.0	1,236	8
Dyna-Gro	D53VP61	VT3P	AC,P2	113	165.4	17.4	0	32.6	1,231	10
Mid-Atlantic Seed	MA8109VT3P	VT3P	AC,P2	109	165.3	18.6	0	31.7	1,225	11
Augusta	A5461GTCLL	GT/CB/LL	MQ,C2	111	165.1	18.6	0	31.3	1,223	12
FS InVISION	FS 6329VT3P	VT3P	AC,P2	113	164.6	19.7	2	32.5	1,215	13
Dyna-Gro	D54VP81	VT3P	AC,P2	114	163.5	19.4	1	32.2	1,208	15
Dekalb	DKC62-54	VT3	AC,P2	112	163.0	17.5	0	31.8	1,212	14
Hubner	H6644RCSS	STX-R	AC,P2	112	160.8	20.1	0	32.4	1,186	17
Augusta	A5462GT3000	3000GT	MQ,C2	112	160.6	19.4	1	32.1	1,187	16
TA Seeds	TA647-22DP	VT2P	MQ,C2	111	159.7	18.1	0	31.8	1,185	18
Mid-Atlantic Seed	MA8102VT3P	VT3P	AC,P2	110	159.3	19.4	1	32.1	1,177	20
Seed Consultants	SCS 11HQ31^	HXT,RR2	MQ,P1V	113	159.1	23.2	1	32.0	1,161	24
Doebler	RPM 609AM1^	AM1,RR2	MQ,P1V	108	158.7	16.9	2	31.4	1,183	19
Seed Consultants	SC 10AGT92	GT/CB/LL	MQ,P1V	109	157.2	16.4	1	30.2	1,174	21
Augusta	A6164GT3000QV	3000GT	MQ,C1	114	156.9	20.6	1	32.0	1,155	26
Dyna-Gro	D52VP20	VT3P	AC,P2	112	156.7	18.6	2	29.7	1,161	23
Hubner	H4600RC2P	VT2P-R	AC,P5V	112	156.7	21.6	1	32.0	1,149	27
Mycogen	2V715	HXT,RR2	AVC,C2	111	155.8	16.4	3	30.1	1,163	22
Doebler	RPM 638AMX-R^	AMX,RR2	MQ,P1V	110	155.8	18.5	0	31.8	1,155	25
Doebler	RPM 647AM1^	AM1,RR2	MQ,P1V	111	154.3	18.1	2	31.0	1,145	28
Seed Consultants	SCS 11HR12^	HX,RR2	MQ,P1V	111	150.2	20.4	0	29.2	1,106	30
Mycogen	2P768	STX	AVC,C2	113	149.8	19.0	2	29.7	1,109	29
Test Average =					156.5	19.2	1	31.4	1,158	
LSD (0.10) =					16.4	1.5	2			
C.V. =					7.7	5.8				

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

TEST COMMENTS: *Heavy rains the day after planting combined with slug damage caused the stand to be variable. Hot and dry conditions in late June stressed many hybrids but late July and August rains allowed for good pollination, seed set and kernel depth. Overall rating for the test is 6 out of 10 (10 = best).*

Lat: 40.06141, Long: -76.40141

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.
Bold yields are significantly above test average. **Italicized** brands exceeded the grain moisture limit for this test. **GC** = grower comparison product, **ns** = products 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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.