

2015 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LEBANON
Steve Wenger, Lebanon County, PA 17042



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Corn, 2+ yr / Bicep II Magnum, Capreno, atrazine
SOIL DESCRIPTION: Duffield-Nolin silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Mod. High P, moderate K, 6.1 pH, 4.6% OM
PEST MANAGEMENT: glyphosate, Bicep II Magnum, Capreno, atrazine, Capture
FERTILITY - Applied N: 135 Spring, 110 Planter
Applied N-P-K (units): 245-135-100
SEDED - RATE - ROW: May 2 33,000 /A 30" spacing
HARVESTED - STAND: Oct 17 34,900 /A

All-Season Test
105 - 115 Day CRM
B2015PASE07

Top 30 of 54
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
TA Seeds	TA636-22DPRIB	VT2P,B	111	304.8	14.3	0	35.0	1,164	1
Dyna-Gro	D51SS54	STX	111	304.6	14.4	1	35.0	1,164	2
AgriGold	A6499STXRIB	STX,B	112	298.5	15.3	0	35.0	1,138	3
Chemgro	7169RSX	STX	111	291.9	13.9	8	35.9	1,115	4
AgriGold	A6462STXRIB	STX,B	110	285.3	14.0	2	35.5	1,090	5
Seedway	SW6620GENSS(RIB) GC	STX,B	110	280.1	14.5	0	35.5	1,070	6
Mid-Atlantic	MA8086STX	STX	108	279.6	15.8	0	35.4	1,062	7
TA Seeds	TA736-22DPRIB	VT2P,B	113	270.0	14.1	15	35.2	1,031	8
Mycogen	2C799	STX,B	113	269.6	15.2	6	35.0	1,029	9
Seedway	SW6550GENSSRIB GC	STX,B	109	264.9	13.8	5	35.1	1,012	10
Seed Consultants	SC 11AGT43	GT/CB/LL	114	263.4	17.2	12	33.7	992	13
Hubner	H5490RC3P	VT3P,B	110	263.3	13.5	10	35.8	1,006	11
AgriGold	A6441STX	STX	109	261.6	14.9	13	34.7	999	12
Hubner	H4663RC2P	VT2P,B	113	257.4	15.1	18	34.8	983	14
Pioneer	P0157AMX GC	AMX,AQ,B	101	257.3	13.3	3	35.2	983	15
Chemgro	6769RSX	STX	107	251.5	12.5	18	35.6	961	16
Chemgro	7146R3P	VT3P,B	111	247.2	14.2	20	34.2	944	17
Mid-Atlantic	MA8065STX	STX	106	245.4	12.9	31	35.5	937	18
Seed Consultants	SCS 10HR43^	HX,RR2	105	245.0	14.1	9	35.0	936	19
Steyer	11103GENSS RIB	STX,B	111	236.8	13.8	50	35.9	905	20
Mycogen	2Y669	STX,B	108	233.9	14.0	22	35.5	893	21
Augusta	A6664VT2Pro	VT2P	114	233.8	14.5	10	33.7	893	22
Doebler	RPM 5015AM^	AM,AQ,B	110	233.7	14.6	13	35.1	893	23
Mycogen	2C788	STX,B	114	233.0	15.1	14	37.3	889	24
Mycogen	2V709	STX,B	110	232.3	14.7	37	34.7	887	25
Hubner	H4764RC2P	VT2P,B	114	229.7	14.0	45	33.6	877	26
TA Seeds	TA583-28RIB	STX,B	108	221.7	13.0	45	35.9	847	27
AgriGold	A6579STX	STX	114	219.3	14.7	29	34.8	838	28
Hubner	H14G153	VT2P,DG,B	114	219.3	15.7	29	35.0	834	29
Mid-Atlantic	MA9076	None	107	218.1	13.3	45	34.2	833	30

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Averages = **228.8** **14.4** **25** **34.9** **873**
LSD (0.10) = 39.8 1.1 22
LSD (0.25) = 27.7 0.8 15
C.V. = 12.8 5.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.82; non-GMO = \$3.82

Test Comments: *Very good emergence and early vigor. Corn developed nicely then some late June, early July storms caused severe root lodging. Some hybrids goosenecked while others laid over at the soil line. Hybrid traits definitely played a big role on standability and yield. Despite having at-planting insecticide plus corn rootworm trait, some hybrids were overcome by the wind. Overall test rating is 8 out of 10.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Revised:

2015 Corn Grain - Pennsylvania Southeast [PASE]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6441STX	STX	AC,P5V	109	Seedway	SW6620GENSS(RIB) GC	STX,B	CM,C2	110
AgriGold	A6462STXRIB	STX,B	AC,P5V	110	Steyer	10503VT2PRORIB	VT2P,B	CM,C2	105
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Steyer	11103GENSS RIB	STX,B	CM,C2	111
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	Steyer	11210VT2PRORIB	VT2P,B	CM,C2	112
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
AgriGold	A6579STX	STX	AC,P5V	114	TA Seeds	TA583-28RIB	STX,B	AVC,C5	108
Augusta	A5063VT2Pro	VT2P	AC,P5	113	TA Seeds	TA636-22DPRIB	VT2P,B	AVC,C5	111
Augusta	A6465VT2Pro	VT2P	AC,P2	115	TA Seeds	TA736-22DPRIB	VT2P,B	AVC,C5	113
Augusta	A6664VT2Pro	VT2P	AC,P2	114	TA Seeds	TA753-22DPRIB	VT2P,B	AVC,C5	115
Chemgro	6769RSX	STX	AC,P5V	107					
Chemgro	6859V3	3111	AVC,C5	108					
Chemgro	7146R3P	VT3P,B	AC,P2	111					
Chemgro	7169RSX	STX	AC,P5V	111					
Dekalb	DKC63-87RIB GC	VT2P,B	AC,P5V	113					
Dekalb	DKC65-19RIB GC	VT3P,B	AC,P5V	115					
Doebblers	RPM 5015AM^	AM,AQ,B	CM,C2	110					
Doebblers	RPM 5125AM^	AM,B	CM,C2	111					
Doebblers	RPM 563HXR^	HX,RR2	CM,C2	105					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H4663RC2P	VT2P,B	AC,P5V	113					
Hubner	H4764RC2P	VT2P,B	AC,P5V	114					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H5867RC3P	VT3P,B	AC,P5V	115					
Mid-Atlantic	MA8065STX	STX	AC,P5V	106					
Mid-Atlantic	MA8086STX	STX	AC,P5V	108					
Mid-Atlantic	MA8102VT3P	VT3P	AC,P2	110					
Mid-Atlantic	MA8125VT2P	VT2P	AC,P5	112					
Mid-Atlantic	MA8127VT2P	VT2P	AC,P5	112					
Mid-Atlantic	MA8144VT3P	VT3P	AC,P5	114					
Mid-Atlantic	MA9076	None	AC,P2	107					
Mycogen	2C788	STX,B	CM,C5,Vi,In	114					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	2V709	STX,B	CM,C5,Vi,In	110					
Mycogen	2Y669	STX,B	CM,C5,Vi,In	108					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2	101					
Pioneer	P0506YHR GC	OI,AQ	MQ,C2	105					
Seed Consultants	SC 10AQ96	3111	AVC,C2,Vi	109					
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114					
Seed Consultants	SCS 1085AM^	AM,B	MQ,P5V,R	108					
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	105					
Seed Consultants	SCS 1125AM^	AM,B	MQ,P5V,R	112					
Seedway	SW6550GENSSRIB GC	STX,B	AC,P5V	109					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, Power Plus®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIssect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

** Seed treatments may include unspecified plant health promoting components.