

2013 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Corn / Bicep II Magnum, Status
SOIL DESCRIPTION: silt loam , conventional w/o fall till, non-irrigated
SOIL CONDITION: High P, mod. well K, 6.2 pH, 4.1% OM
PEST MANAGEMENT: Bicep II Magnum,Warrior, Credit Extra, Capture, Quilt
FERTILITY - Applied N: 75 Fall, 100 Spring, 30 Side
Applied N-P-K (units): 205-145-0
SEEDED - RATE - ROW: Apr 27 36,500 /A 30" spacing
HARVESTED - STAND: Oct 16 38,700 /A

All-Season Test
105 - 115 Day CRM
B2013PASE07

Top 30 of 48
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Chemgro	7147RVP	VT3P	AC,P2	111	276.4	22.0	10	38.5	1,168	1
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	256.3	23.3	0	39.1	1,075	3
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	253.1	20.6	6	39.0	1,078	2
Doebblers	RPM 647AM1^	AM1,B	MQ,C2	110	253.0	23.9	21	39.6	1,057	11
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	252.7	23.8	4	37.7	1,056	12
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	252.6	20.8	2	38.3	1,075	4
Dekalb	DKC62-08RIB GC	STX,B	AC,P5	112	251.8	21.4	1	32.4	1,068	7
Augusta	A4564GENSS	STX	M,D,P5	114	251.8	21.8	0	40.7	1,065	8
Mid-Atlantic	MA5105-3000GT	3000GT	AC,P2	109	251.5	20.9	10	39.1	1,070	6
Steyer	11304GENSS RIB	STX,B	SStd	113	251.2	20.5	0	39.0	1,071	5
Steyer	11103GENSS RIB	STX,B	SStd	111	250.2	21.1	7	40.9	1,063	10
Dyna-Gro	CX53VP22	VT3P	AC,P5V	113	248.5	19.6	2	38.7	1,065	9
TA Seeds	TA744-22DPRIB	VT2P,B	AVC,C2	114	246.7	23.0	0	38.6	1,036	18
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	246.3	21.7	0	39.0	1,042	14
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114	244.8	21.2	6	38.6	1,039	16
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	244.3	21.7	1	37.7	1,034	19
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	244.0	22.6	28	39.0	1,027	21
Doebblers	RPM 657AM^	AM,B	MQ,P1V	112	243.9	24.1	2	38.2	1,018	25
Steyer	11004GENSS RIB	STX,B	SStd	110	243.4	20.0	3	37.2	1,041	15
Doebblers	698GRQ	3000GT	MQ,C2	114	243.4	25.8	3	40.3	1,005	27
Doebblers	RPM 689AMXT^	AMXT,B	MQ,C2	113	243.2	24.3	3	38.4	1,014	26
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	242.9	18.3	3	38.9	1,049	13
Pioneer	P0965R GC	RR2	CM,C2	109	241.8	20.0	0	39.0	1,034	20
Hubner	H5420VT3P	VT3P	AC,P5V	110	241.7	19.2	41	38.5	1,038	17
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5	112	239.5	20.8	14	36.8	1,019	23
TA Seeds	TA614-22DPRIB	VT2P,B	AVC,C2	110	238.7	19.7	12	39.8	1,022	22
Pioneer	P0891AM1 GC	AM1,B	CM,C2	108	237.5	19.3	4	39.9	1,019	24
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107	235.4	22.1	14	38.7	994	30
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114	234.2	20.4	36	39.2	999	28
Doebblers	RPM 603XRR^	RR2	MQ,C2	108	231.3	18.8	27	36.9	996	29

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Test Average = **232.8** **21.6** **14** **38.7** **986**
LSD (0.10) = 19.6 0.8 21
C.V. = 6.2 2.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.40}{n/a}$ Local GMO non-GMO

Test Comments: *Excellent growing conditions for most of the season. Excellent emergence and early vigor. Corn developed big ears and overall stalk quality was very good. A heavy rain storm and wind in September did cause some varieties to root lodge severely, others were not effected. Excellent test to judge root strength, drydown and high yields. Overall test rating is 8 out of 10.*

† See last page for footnote information. Dark colored row identifies the check product found 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, **ns** = not significantly different

2013 Corn Grain - Pennsylvania South East [PASE]



All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A0606GTCBLL	GT/CB/LL	CE,C2	111	TA Seeds	TA614-22DPRIB	VT2P,B	AVC,C2	110
Augusta	A0720GTCBLL	GT/CB/LL	CE,C2	111	TA Seeds	TA683-13VP	VT3P	AVC,C2	112
Augusta	A4564GENSS	STX	M,D,P5	114	TA Seeds	TA744-22DPRIB	VT2P,B	AVC,C2	114
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Chemgro	6947RVP	VT3P	AC,P5V	109					
Chemgro	7147RVP	VT3P	AC,P2	111					
Chemgro	7537RVP	VT3P	AC,P2	115					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5	112					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5	112					
Doebblers	698GRQ	3000GT	MQ,C2	114					
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107					
Doebblers	RPM 603XRR^	RR2	MQ,C2	108					
Doebblers	RPM 633HXR^	HX,RR2	MQ,C2	110					
Doebblers	RPM 647AM1^	AM1,B	MQ,C2	110					
Doebblers	RPM 657AM^	AM,B	MQ,P1V	112					
Doebblers	RPM 689AMXT^	AMXT,B	MQ,C2	113					
Dyna-Gro	CX53VP22	VT3P	AC,P5V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Hubner	H5420VT3P	VT3P	AC,P5V	110					
Hubner	H6615RCSS	STX,B	AC,P5V	111					
Hubner	H6844RCSS	STX,B	AC,P5V	115					
Mid-Atlantic	MA5105-3000GT	3000GT	AC,P2	109					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA8102VT3P	VT3P	AC,P2	110					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mycogen	2A749	STX,B	CM,C2	111					
Mycogen	2C786	STX	CM,C2	114					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Mycogen	2V779	STX,B	CM,C2	112					
Pioneer	P0891AM1 GC	AM1,B	CM,C2	108					
Pioneer	P0965R GC	RR2	CM,C2	109					
Steyer	10803GENSS RIB	STX,B	SStd	108					
Steyer	11004GENSS RIB	STX,B	SStd	110					
Steyer	11103GENSS RIB	STX,B	SStd	111					
Steyer	11203-3000GT	3000GT	SStd	112					
Steyer	11304GENSS RIB	STX,B	SStd	113					
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114					
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114					
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108					

Footnotes and Abbreviation Descriptions

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 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®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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