

2016 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
SOIL DESCRIPTION: Nolin-Duffield silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, mod. high P, moderate K, 6.3 pH, 4.8% OM
PEST MANAGEMENT: glyphosate, Bicep II Magnum, Capture
FERTILITY - Applied N: 135 Spring, 110 Planter
Applied N-P-K (units): 245-135-100
SEEDING - RATE - ROW: May 12 34,000 /A 30" spacing
HARVESTED - STAND: Oct 4 32,500 /A

All-Season Test
105 - 115 Day CRM
B2016PASE08

Top 30 of 48

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
Dyna-Gro	D51SS54	STX	111	232.3	26.1	0	31.9	865	2
AgriGold	A6462STXRIB	STX,B	110	230.4	26.1	0	32.7	858	3
Doebler	RPM 4717AM^	AM,B	107	227.4	22.0	0	32.5	870	1
NK Brand	N58S-3111 GC	3111	106	223.1	22.9	0	32.3	848	4
Chemgro	7169RSX	STX,B	111	218.3	25.7	0	32.3	815	6
AgriGold	A6441STXRIB	STX,B	109	218.1	21.1	0	33.3	839	5
Chemgro	6875RDD	VT2P,DG	108	214.7	23.6	5	32.9	813	7
Mid-Atlantic	MA8065SS	STX	106	214.5	24.9	0	33.2	805	9
Mid-Atlantic	MA8086VT2P	VT2P	108	211.4	23.5	0	31.4	801	10
Mid-Atlantic	MA8107VT2P	VT2P	110	210.8	22.0	1	32.1	806	8
AgriGold	A6572STX	STX	114	206.7	24.9	0	32.7	776	12
Hubner	H6663RCSS	STX,B	113	204.1	28.0	0	32.1	750	16
Dekalb	DKC57-92RIB GC	STX,B	107	203.7	21.4	0	32.3	782	11
Doebler	RPM 4917AM^	AM,B	109	203.3	24.6	0	31.9	764	13
Steyer	11306VT2PRORIB	VT2P,B	113	201.9	23.9	1	32.7	763	14
Pioneer	P1197AM GC	AM,B	111	200.7	24.9	0	33.2	753	15
AgriGold	A6499STXRIB	STX,B	112	198.6	27.6	0	32.4	732	18
Dekalb	DKC62-97RIB GC	VT3P,B	112	192.4	24.4	0	33.4	724	21
Hubner	H5490RC3P	VT3P,B	109	192.2	23.8	0	33.9	727	19
TA Seeds	TA583-28RIB	STX,B	108	192.0	21.7	0	32.3	736	17
Steyer	11104VT2PRO	VT2P	111	192.0	23.5	3	32.8	727	20
Augusta	A1565GTCBLL	GT/CB/LL	115	186.2	27.7	0	31.8	686	24
Augusta	A6664VT2Pro	VT2P	114	184.7	25.5	0	31.5	690	23
Hubner	H5368RC3P	VT3P,B	105	182.2	21.9	0	33.2	697	22
Mycogen	MY10Z28	STX,B	110	180.7	26.7	0	31.9	670	25
Chemgro	7275RDD	VT2P,DG	112	179.1	26.3	0	33.6	666	26
Augusta	A1108VT2ProRIB	VT2P,B	108	175.5	24.3	0	31.8	661	27
Mid-Atlantic	MA8152VT2P	VT2P	115	174.2	25.4	3	31.5	652	29
Dekalb	DKC62-08RIB GC	STX,B	112	174.1	25.9	0	32.9	649	30
Mid-Atlantic	MA8125VT2P	VT2P	112	173.3	22.8	0	32.4	659	28

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Averages = **179.6** **25.4** **1** **32.5** **672**

LSD (0.10) = 26.6 1.9 2

LSD (0.25) = 18.5 1.3 1

C.V. = 10.9 Prev. years average yield, 196.5 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.00; non-GMO = \$4.00

Test Comments: *From a bird's-eye view, this plot looked fantastic. Good emergence and stalk development, with some hybrids 10+ feet tall. Rainfall was above average for May, June and most of July. August, however was dry and extremely hot. Some hybrids had poor pollination due to the stress, resulting in only sparse kernel development, poor yield and above normal grain moisture. Test ranking is 6 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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Report Date: 10/05/2016 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6441STXRIB	STX,B	AC,P5V	109	TA Seeds	TA583-28RIB	STX,B	CM,C2	108
AgriGold	A6462STXRIB	STX,B	AC,P5V	110	TA Seeds	TA667-31	3111	CM,C2	111
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	TA Seeds	TA736-22DPRIB	VT2P,B	CM,C2	113
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6572STX	STX	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A1564GTCBLL	GT/CB/LL	AVC,C5	114					
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Chemgro	6875RDD	VT2P,DG	AC,P5V	108					
Chemgro	7169RSX	STX,B	AC,P5V	111					
Chemgro	7275RDD	VT2P,DG	AC,P5V	112					
Dekalb	DKC57-92RIB GC	STX,B	AC,P5V	107					
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5V	112					
Doebblers	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebblers	RPM 4917AM^	AM,B	MQ,P1V	109					
Doebblers	RPM 5125AM^	AM,B	MQ,P1V	111					
Doebblers	RPM 5315AM^	AM,B	MQ,P1V	113					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	109					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8065SS	STX	AC,P2	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8125VT2P	VT2P	AC,P2	112					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mid-Atlantic	MA8147VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P2	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY10Z28	STX,B	CM,C5,Vi,In	110					
Mycogen	MY13M87	STX	CM,C1,Vi,In	113					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,In	109					
NK Brand	N58S-3111 GC	3111	AVC,C2,Vi	106					
NK Brand	N60F-3111 GC	3111	AVC,C2,Vi	107					
Pioneer	P1197AM GC	AM,B	MQ,C2	111					
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108					
Steyer	11104VT2PRO	VT2P	AC,P5V	111					
Steyer	11306VT2PRORIB	VT2P,B	CM,C2	113					
Steyer	11506VT2PRORIB	VT2P,B	CM,C2	115					

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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

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

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