

2015 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LANCASTER
Geoff Brubaker, Lancaster County, PA 17601



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

PREV. CROP/HERB: Corn, 2+ yr / Roundup PowerMax, atrazine, Lumax EZ
SOIL DESCRIPTION: Chester-Glenelg silt loam, moderately drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 5.1 pH, 3.1% OM
PEST MANAGEMENT: Lumax, atrazine, Mustang, Capreno, Capture
FERTILITY - Applied N: 100 Spring, 100 Planter
Applied N-P-K (units): 200-0-350
SEDED - RATE - ROW: May 14 33,000 /A 30" spacing
HARVESTED - STAND: Nov 3 31,800 /A

All-Season Test
105 - 115 Day CRM
B2015PASE10

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
Dekalb	DKC65-19RIB GC	VT3P,B	115	239.9	17.1	6	25.7	913	1
Mid-Atlantic	MA8144VT3P	VT3P	114	229.3	16.7	7	34.3	875	2
AgriGold	A6579STX	STX	114	228.1	17.1	59	35.0	868	5
AgriGold	A6499STXRIB	STX,B	112	227.3	15.8	17	31.4	873	3
TA Seeds	TA736-22DPRIB	VT2P,B	113	226.1	14.9	36	34.3	873	4
Mycogen	2C799	STX,B	113	225.0	17.2	18	34.6	856	7
Seed Consultants	SC 10AQ96	3111	109	224.3	14.1	7	34.5	866	6
Augusta	A6465VT2Pro	VT2P	115	222.5	17.5	51	33.2	845	10
TA Seeds	TA636-22DPRIB	VT2P,B	111	221.6	15.6	20	29.4	852	8
AgriGold	A6441STX	STX	109	220.6	14.7	22	29.3	852	9
Chemgro	6859V3	3111	108	218.7	14.9	1	33.6	844	11
Mid-Atlantic	MA8086STX	STX	108	218.0	14.6	32	31.4	841	12
Hubner	H4663RC2P	VT2P,B	113	217.7	16.3	18	33.9	833	14
Mycogen	2C788	STX,B	114	217.3	17.1	6	34.2	827	15
Mid-Atlantic	MA8125VT2P	VT2P	112	217.2	15.8	12	29.8	834	13
Hubner	H4764RC2P	VT2P,B	114	214.3	15.3	41	32.8	826	17
Mid-Atlantic	MA8065STX	STX	106	214.2	14.4	59	34.3	827	16
Augusta	A6664VT2Pro	VT2P	114	213.8	16.9	8	34.8	815	20
Seedway	SW6550GENSSRIB GC	STX,B	109	213.2	14.3	23	31.9	823	18
Chemgro	7169RSX	STX	111	212.0	14.4	17	28.5	818	19
AgriGold	A6517VT3PRIB	VT3P,B	113	211.9	15.7	41	34.6	814	21
Augusta	A5063VT2Pro	VT2P	113	211.4	17.5	16	29.3	803	22
Dyna-Gro	D51SS54	STX	111	206.6	14.3	19	33.4	797	23
TA Seeds	TA753-22DPRIB	VT2P,B	115	206.5	16.0	20	32.7	792	24
Mid-Atlantic	MA8102VT3P	VT3P	110	205.3	14.2	9	29.2	792	25
Seed Consultants	SCS 10HR43^	HX,RR2	105	205.2	14.1	23	31.9	792	26
Doebler	RPM 5125AM^	AM,B	111	204.8	13.6	17	33.9	791	27
Chemgro	7146R3P	VT3P,B	111	202.2	15.3	14	32.9	779	28
Hubner	H5368RC3P	VT3P,B	105	201.8	13.0	34	33.3	779	29
Mid-Atlantic	MA9076	None	107	201.0	14.0	36	34.3	776	30

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Averages = **204.2** **15.4** **23** **31.8** **784**
LSD (0.10) = 23.9 0.9 21
LSD (0.25) = 16.7 0.7 15
C.V. = 8.6 4.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.86; non-GMO = \$3.86

Test Comments: *Spring started cool and wet and in no-till corn on corn, it took some time for this corn to get going. June was dry and allowed the soil to dry out nicely. August and September were dry and this location missed many of the needed rains. An October tornado came within 1 mile of the test area, but the winds still caused some high lodging scores. Overall rating of the plot is 7 out of 10 (10=best).*

† 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:

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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.