

2016 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] RINGTOWN
Scott Careyva, Schuylkill County, PA 17967



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

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Leck silt loam, mod. well drained, non-irrigated
SOIL CONDITION: No-till, mod. high P, moderate K, 6.4 pH, 3.3% OM
PEST MANAGEMENT: Capreno, atrazine, Banvel, Capture
FERTILITY - Applied N: 105 Spring, 105 Sidedress
Applied N-P-K (units): 210-20-120
SEDED - RATE - ROW: May 11 34,000 /A 30" spacing
HARVESTED - STAND: Nov 5 32,700 /A

All-Season Test
99 - 109 Day CRM
B2016PACE01

Top 30 of 42

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	TA536-22DPRIB	VT2P,B	104	251.4	17.5	0	33.0	1,025	2
Chemgro	6859V3	3111	108	250.6	16.8	0	32.8	1,026	1
Pioneer	P0843AM GC	AM,B	108	250.6	18.8	0	34.3	1,014	4
Mid-Atlantic	MA8099VT3P	VT3P	109	249.9	18.9	1	33.9	1,010	6
AgriGold	A6355STXRIB	STX,B	105	248.2	16.3	0	33.2	1,019	3
Doebler	RPM 4417AM^	AM,B	104	247.5	17.2	0	34.2	1,011	5
Dekalb	DKC58-06RIB GC	STX,B	108	246.2	19.3	0	33.3	993	10
AgriGold	A6267STXRIB	STX,B	102	246.0	16.6	1	33.4	1,009	7
TA Seeds	TA583-28RIB	STX,B	108	246.0	18.1	1	33.0	999	9
Hubner	H5490RC3P	VT3P,B	109	245.1	19.2	0	34.1	989	12
Steyer	10304VT2PRO	VT2P	103	243.2	15.6	0	33.7	1,003	8
Dyna-Gro	D49VC39RIB	VT2P,B	109	242.5	18.3	0	33.2	984	14
Mid-Atlantic	MA8065SS	STX	106	241.7	17.7	1	33.8	984	15
Pioneer	P0506AM GC	AM,AQ,B	105	241.5	16.8	0	31.5	989	13
Mid-Atlantic	MA8086VT2P	VT2P	108	240.9	18.8	1	33.3	974	21
AgriGold	A6424GT3VIP	3111	108	240.7	18.5	0	33.3	975	19
AgriGold	A6441STXRIB	STX,B	109	240.5	18.2	1	30.5	976	18
AgriGold	A6413STXRIB	STX,B	107	240.3	18.3	0	32.8	975	20
Dekalb	DKC52-85RIB GC	VT2P,B	102	239.7	15.4	3	34.2	990	11
Dekalb	DKC54-40RIB GC	VT2P,B	104	238.8	16.7	1	31.6	978	17
Augusta	A1108VT2ProRIB	VT2P,B	108	238.8	18.0	1	33.4	971	23
Pioneer	P9840AM GC	AM,B	98	238.1	15.4	2	32.3	983	16
Mid-Atlantic	MA9076	None	107	238.0	16.9	1	33.6	974	22
Dyna-Gro	D46SS62	STX	106	237.3	17.7	0	33.8	966	24
Steyer	10805VT2PRORIB	VT2P,B	108	235.2	18.8	1	31.9	951	25
Augusta	A4758VT2Pro	VT2P	108	233.5	17.8	0	32.3	950	26
Chemgro	6469RSX	STX,B	104	232.4	17.5	0	33.0	948	27
Mycogen	X13663VH	STX	106	231.1	16.7	0	31.4	947	28
Doebler	RPM 4717AM^	AM,B	107	230.8	18.5	0	31.1	935	30
Mid-Atlantic	MA8045VT2P	VT2P	104	226.7	14.9	2	33.6	939	29

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Averages = **234.8** **17.3** **1** **32.7** **958**

LSD (0.10) = 13.5 0.7 2

LSD (0.25) = 9.4 0.5 1

C.V. = 4.2 Prev. years average yield, 223.7 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.14; non-GMO = \$4.14

Test Comments: Soil conditions at planting were cold and wet. Some slug damage was observed but feeding was confined to the lower leaves. Rains throughout the growing season were timely with just enough coming in July and August. Some gray leaf spot was present but standability was not affected. Overall rating of this plot is a 9 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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Report Date: 11/07/2016 Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102					
AgriGold	A6346STX	STX	AC,P5V	104					
AgriGold	A6355STXRIB	STX,B	AC,P5V	105					
AgriGold	A6413STXRIB	STX,B	AC,P5V	107					
AgriGold	A6424GT3VIP	3111	AVC,C5,Vi	108					
AgriGold	A6441STXRIB	STX,B	AC,P5V	109					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A4758VT2Pro	VT2P	CM,C1	108					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6769RSX	STX,B	AC,P5V	107					
Chemgro	6859V3	3111	CM,C2,Vi	108					
Dekalb	DKC52-85RIB GC	VT2P,B	AC,P5V	102					
Dekalb	DKC54-40RIB GC	VT2P,B	AC,P2	104					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Doebler	RPM 4317AMXT^	AMXT,B	MQ,P1V	103					
Doebler	RPM 4417AM^	AM,B	MQ,P1V	104					
Doebler	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebler	RPM 4917AM^	AM,B	MQ,P1V	109					
Dyna-Gro	D46SS62	STX	AC,P5V	106					
Dyna-Gro	D49VC39RIB	VT2P,B	AC,P2	109					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	109					
Hubner	H6191RCSS	STX,B	AC,P5V	99					
Mid-Atlantic	MA5001GT3VIP	3111	AC,P2	100					
Mid-Atlantic	MA8045VT2P	VT2P	AC,P2	104					
Mid-Atlantic	MA8065SS	STX	AC,P2	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA9076	None	AC,P2	107					
Mycogen	2Y669	STX,B	CM,C5,Vi,In	108					
Mycogen	X13663VH	STX	CM,C5,Vi,In	106					
Mycogen	X14503VH	STX	CM,C5,Vi,In	104					
Pioneer	P0506AM GC	AM,AQ,B	MQ,C2	105					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
Pioneer	P9840AM GC	AM,B	MQ,C2,Lu	98					
Steyer	10304VT2PRO	VT2P	AC,P5V	103					
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108					
Steyer	10904VT2PRO	VT2P	CM,C2	109					
TA Seeds	TA506-28RIB	STX,B	CM,C2	100					
TA Seeds	TA527-33EZ	3122,B	CM,C2	102					
TA Seeds	TA536-22DPRIB	VT2P,B	CM,C2	104					
TA Seeds	TA583-28RIB	STX,B	CM,C2	108					

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	Acceleron® fungicide products	Lu	Lumivia™
AChD	Acceleron® 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.