

2016 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MARTINSBURG
 Marcus Martin, Blair County, PA 16662



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

PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Morrison gravelly silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Balance Flexx, Zidua, Capreno, atrazine, Capture
 FERTILITY - Applied N: 52 Fall, 130 Spring, 10 Planter
 Applied N-P-K (units): 192-39-67
 SEEDING - RATE - ROW: May 18 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 33,600 /A

All-Season Test
99 - 109 Day CRM
 B2016PACE03

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
Chemgro	6769RSX	STX,B	107	149.1	16.1	11	34.7	613	1
Dekalb	DKC58-06RIB GC	STX,B	108	147.7	18.0	22	34.6	600	2
Pioneer	P9840AM GC	AM,B	98	142.7	15.4	20	32.0	589	3
AgriGold	A6441STXRIB	STX,B	109	138.8	17.2	20	35.0	567	4
TA Seeds	TA506-28RIB	STX,B	100	136.9	14.3	21	32.5	567	5
Dekalb	DKC52-85RIB GC	VT2P,B	102	136.9	15.8	38	33.8	564	6
TA Seeds	TA536-22DPRIB	VT2P,B	104	136.6	17.7	13	32.5	556	7
Hubner	H5368RC3P	VT3P,B	105	134.0	15.0	2	34.5	555	8
Dekalb	DKC54-40RIB GC	VT2P,B	104	130.4	17.3	31	34.1	532	10
Doebler	RPM 4317AMXT^	AMXT,B	103	130.1	15.0	0	33.8	539	9
Chemgro	6469RSX	STX,B	104	128.6	18.3	0	35.4	522	11
Hubner	H5490RC3P	VT3P,B	109	127.3	16.8	42	32.4	521	12
AgriGold	A6346STX	STX	104	126.4	17.3	1	33.2	516	14
Doebler	RPM 4717AM^	AM,B	107	125.9	15.7	5	33.7	519	13
Doebler	RPM 4917AM^	AM,B	109	123.0	18.3	5	34.2	499	16
Hubner	H6191RCSS	STX,B	99	122.7	14.8	48	34.6	508	15
AgriGold	A6413STXRIB	STX,B	107	121.1	19.4	0	33.6	488	17
Steyer	10904VT2PRO	VT2P	109	119.7	17.8	4	33.2	487	18
AgriGold	A6355STXRIB	STX,B	105	118.1	17.9	4	34.8	480	19
Dyna-Gro	D46SS62	STX	106	116.6	17.6	12	34.7	475	20
Doebler	RPM 4417AM^	AM,B	104	113.7	16.0	0	35.1	468	21
Pioneer	P0506AM GC	AM,AQ,B	105	112.0	15.8	2	31.6	461	22
AgriGold	A6267STXRIB	STX,B	102	111.8	16.8	5	35.4	458	24
Mid-Atlantic	MA8045VT2P	VT2P	104	111.5	15.4	11	35.2	460	23
Mid-Atlantic	MA8086VT2P	VT2P	108	111.3	19.6	7	32.8	448	25
Mid-Atlantic	MA8099VT3P	VT3P	109	109.6	17.5	3	32.1	447	26
Pioneer	P0843AM GC	AM,B	108	107.0	18.6	0	32.0	433	27
AgriGold	A6424GT3VIP	3111	108	102.1	16.5	25	34.1	419	28
Steyer	10805VT2PRORIB	VT2P,B	108	100.5	18.0	7	33.0	409	29
Mid-Atlantic	MA8065SS	STX	106	98.0	16.3	20	34.5	403	30

Robin Kauffman

Rob Kauffman
 rkmaits@aol.com, (717) 413-0763

Averages =	112.0	17.1	11	33.6	458
LSD (0.10) =	35.7	1.3	17		
LSD (0.25) =	24.9	0.9	12		
C.V. =	23.5			Prev. years average yield, 177.3 bu/a, 14 yrs	

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

Test Comments: *This corn crop looked fantastic up to July. Good emergence and early vigor. When July came, the rainfall shut off completely until late August. Some hybrids had more than 50% barren plants and if not barren, pollination was hurt with only sparse kernels on ears. Rains came late August but did little to help yield only to green up some later hybrids. Overall rating this test is 4 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 exceeded 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.