

2016 Corn Grain Top 30 Harvest Report

Virginia Coastal Plain [VACP] DUNNSVILLE
Calvin Haile, Essex County, VA 22454



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

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Augusta sandy loam, moderately drained, non-irrigated
SOIL CONDITION: No-till, moderate P, mod. high K, 6.2 pH, 2.2% OM
PEST MANAGEMENT: Cinch ATZ
FERTILITY - Applied N: 185 Spring
Applied N-P-K (units): 185-60-80
SEED - RATE - ROW: May 8 34,000 /A 30" spacing
HARVESTED - STAND: Oct 7 32,400 /A

All-Season Test
107 - 116 Day CRM
B2016VACP29

Top 30 of 36

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
Mid-Atlantic	MA8152VT2P	VT2P	115	171.0	20.2	0	33.1	551	1
Augusta	A6664VT2Pro	VT2P	114	164.9	19.6	0	32.6	533	2
Augusta	A1565GTCBLL	GT/CB/LL	115	150.0	21.3	1	31.0	479	5
Doebler	RPM 5315AM^	AM,B	113	148.8	20.1	1	31.9	480	3
Augusta	A1564GTCBLL	GT/CB/LL	114	147.4	18.8	0	33.1	480	4
Augusta	A7767VT2Pro	VT2P	117	146.5	20.5	0	31.3	471	6
TA Seeds	TA767-22DPRIB	VT2P,B	116	143.4	19.0	1	32.5	466	8
Croplan	5222VT2P/RIB	VT2P,B	112	142.9	18.4	2	33.7	467	7
Croplan	5570VT2P/RIB	VT2P,B	115	142.6	19.5	0	34.3	462	9
Dekalb	DKC62-08RIB GC	STX,B	112	139.3	19.2	1	31.0	452	10
Doebler	RPM 5125AM^	AM,B	111	133.7	17.7	0	34.3	439	11
Mid-Atlantic	MA8147VT2P	VT2P	114	133.1	19.3	4	32.8	432	12
Croplan	7087VT2P/RIB	VT2P,B	114	129.9	22.0	1	29.9	412	15
Mid-Atlantic	MA8086VT2P	VT2P	108	128.8	17.9	1	33.3	422	13
Doebler	RPM 5015AM^	AM,AQ,B	110	128.7	18.8	1	31.5	419	14
Mid-Atlantic	MA8127VT3P	VT3P	112	126.1	21.3	0	33.7	403	19
TA Seeds	TA736-22DPRIB	VT2P,B	113	125.7	18.7	0	32.1	409	16
Mid-Atlantic	MA8116DGV2P	VT2P,DG	111	125.1	18.7	0	34.0	408	17
Hubner	H14G153	VT2P,DG,B	114	125.0	20.6	1	32.4	401	20
Great Heart	HT-7240VT2PRIB	VT2P,B	112	124.6	19.3	0	31.1	404	18
Hubner	H6663RCSS	STX,B	113	124.6	20.8	1	33.7	399	21
Augusta	A5063VT2Pro	VT2P	113	122.4	19.4	0	29.6	397	23
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	112	122.0	20.8	3	33.1	391	24
Croplan	5290DGV2P/RIB	VT2P,DG,B	112	121.5	18.1	0	33.6	398	22
Mid-Atlantic	MA8121VT2P	VT2P	112	121.2	19.9	0	32.2	391	25
Augusta	A5062GT3110	3110	112	119.4	19.2	1	34.4	387	26
Great Heart	HT-7381VT2PRIB	VT2P,B	113	119.4	19.7	0	33.2	386	27
Mid-Atlantic	MA8144VT2P	VT2P	114	118.3	20.0	0	31.3	382	28
Hubner	H6624RCSS	STX,B	113	113.4	19.7	0	32.5	367	29
Hubner	H4764RC2P	VT2P,B	114	112.9	19.1	1	32.2	367	30

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Averages = **128.3** **19.7** **1** **32.4** **415**

LSD (0.10) = 25.3 1.1 2

LSD (0.25) = 17.6 0.8 2

C.V. = 14.5 Prev. years average yield, 218.7 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.35; non-GMO = \$3.35

Test Comments: Heavy rains right after planting had water standing in areas of the plot. Rainfall remained above average in June.

July and August turned very hot and dry. Corn looked good but ear development was poor. Overall rating of this plot is 5 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: 10/10/2016 Revised:

2016 Corn Grain - Virginia Coastal Plain [VACP]



All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1564GTCBLL	GT/CB/LL	AVC,C5	114					
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A5063VT2Pro	VT2P	AC,P5V	113					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Augusta	A7767VT2Pro	VT2P	CM,C1	117					
Augusta	A7768GT3110	3110	CM,C1	118					
Croplan	5222VT2P/RIB	VT2P,B	AC,P2	112					
Croplan	5290DGV2P/RIB	VT2P,DG,B	AC,P2	112					
Croplan	5570VT2P/RIB	VT2P,B	AC,P2	115					
Croplan	7087VT2P/RIB	VT2P,B	AC,P2	114					
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112					
Doebler	RPM 4917AM^	AM,B	MQ,P1V	109					
Doebler	RPM 5015AM^	AM,AQ,B	MQ,P1V	110					
Doebler	RPM 5125AM^	AM,B	MQ,P1V	111					
Doebler	RPM 5315AM^	AM,B	MQ,P1V	113					
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	AC,P5V	112					
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H4764RC2P	VT2P,B	AC,P5V	114					
Hubner	H6624RCSS	STX,B	AC,P5V	113					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8116DGV2P	VT2P,DG	AC,P2	111					
Mid-Atlantic	MA8121VT2P	VT2P	AC,P2	112					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mid-Atlantic	MA8144VT2P	VT2P	AC,P2	114					
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					
TA Seeds	TA667-31	3111	CM,C2	111					
TA Seeds	TA736-22DPRIB	VT2P,B	CM,C2	113					
TA Seeds	TA767-22DPRIB	VT2P,B	CM,C2	116					

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.