

2016 Corn Grain Top 30 Harvest Report

Virginia Coastal Plain [VACP] LANEXA
Paul Davis, Charles City County, VA 23089



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

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Altavista-Pamunkey sandy loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, moderate P, mod. high K, 6.5 pH, 2.3% OM
PEST MANAGEMENT: Bicep II Magnum, simazine, 2,4-D, Roundup, Callisto
FERTILITY - Applied N: 125 Spring, 7 Planter, 100 Sidedress
Applied N-P-K (units): 232-160-180
SEEDING - RATE - ROW: May 28 34,000 /A 30" spacing
HARVESTED - STAND: Oct 6 34,200 /A

All-Season Test
107 - 116 Day CRM
B2016VACP30

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	MA8144VT2P	VT2P	114	214.7	21.2	0	33.3	686	1
Augusta	A6664VT2Pro	VT2P	114	210.6	20.5	1	34.4	677	2
Croplan	5290DGV2P/RIB	VT2P,DG,B	112	204.3	20.9	0	34.2	654	3
Augusta	A5062GT3110	3110	112	203.5	20.5	2	33.7	654	4
Mid-Atlantic	MA8116DGV2P	VT2P,DG	111	202.2	20.4	0	34.3	650	5
Mid-Atlantic	MA8152VT2P	VT2P	115	199.4	21.1	0	33.5	638	6
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	112	197.3	22.3	0	36.1	625	8
Mid-Atlantic	MA8127VT3P	VT3P	112	195.0	21.4	0	34.6	622	9
Croplan	5222VT2P/RIB	VT2P,B	112	194.5	19.6	1	35.8	629	7
Hubner	H4764RC2P	VT2P,B	114	194.2	21.0	1	34.6	621	10
Croplan	5570VT2P/RIB	VT2P,B	115	193.3	20.8	0	34.4	620	11
Augusta	A1564GTCBLL	GT/CB/LL	114	193.2	21.0	0	34.0	618	13
Great Heart	HT-7381VT2PRIB	VT2P,B	113	192.9	21.5	0	34.0	615	14
Dekalb	DKC62-08RIB GC	STX,B	112	192.7	20.3	0	35.4	620	12
Augusta	A1565GTCBLL	GT/CB/LL	115	192.1	21.1	1	33.2	614	15
TA Seeds	TA767-22DPRIB	VT2P,B	116	190.2	21.2	0	33.9	608	16
Croplan	7087VT2P/RIB	VT2P,B	114	189.8	21.2	0	32.6	606	18
Doebler	RPM 5015AM^	AM,AQ,B	110	189.6	21.0	0	35.0	607	17
Augusta	A5063VT2Pro	VT2P	113	189.3	21.5	0	32.1	603	19
Mid-Atlantic	MA8147VT2P	VT2P	114	188.9	21.4	0	34.6	603	20
Augusta	A7767VT2Pro	VT2P	117	188.6	21.2	0	35.1	603	21
Hubner	H6624RCSS	STX,B	113	187.9	21.2	0	34.8	600	22
Mycogen	2C799	STX,B	113	186.8	23.0	0	34.6	588	26
TA Seeds	TA736-22DPRIB	VT2P,B	113	185.4	21.0	0	33.1	593	23
Hubner	H14G153	VT2P,DG,B	114	185.0	21.4	0	33.7	590	25
Doebler	RPM 5125AM^	AM,B	111	182.5	19.1	0	35.3	593	24
Mycogen	MY10Z28	STX,B	110	181.5	22.3	0	32.5	575	28
Hubner	H6663RCSS	STX,B	113	180.2	21.6	1	34.8	574	29
Mycogen	MY13M87	STX	113	180.2	23.3	0	33.7	566	30
Mid-Atlantic	MA8086VT2P	VT2P	108	178.7	18.9	0	33.2	581	27

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Averages = **187.4** **21.2** **1** **34.2** **599**

LSD (0.10) = 17.2 1.2 2

LSD (0.25) = 12.0 0.8 1

C.V. = 6.7 New test site, no yield history

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

Test Comments: Paul said it was the wettest spring he can remember. Planting was delayed by over a month in some locations. Rainfall continued strong until mid-August then did not rain again until mid-September. Corn looked good for most of the season but top end yields were limited the late summer dry spell. Overall rating of this test plot is 8 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: 10/08/2016 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.