

# 2014 Corn Grain Top 30 Harvest Report

Virginia Coastal Plain [ VACP ] WAKEFIELD  
E.T. Drewery, Sussex County, VA 23888



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

PREV. CROP/HERB: Wheat  
SOIL DESCRIPTION: Sand, mod. well drained, no-till, irrigated  
SOIL CONDITION: Moderate P, low K, 4.82 pH, 0.94% OM  
PEST MANAGEMENT: Roundup, 2,4-D, Halex GT, atrazine, Dual II Magnum, Karate  
FERTILITY - Applied N: 75 Planter, 60 Sidedress  
Applied N-P-K (units): 135-0-0  
SEDED - RATE - ROW: Apr 24 29,100 /A 30" spacing  
HARVESTED - STAND: Sep 27 28,600 /A

**All-Season Test**  
**107 - 116 Day CRM**  
B2014VACP29

**Top 30 of 42**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A7767VT3Pro	VT3P	AC,P5V	117	<b>193.0</b>	21.7	1	25.6	576	1
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	<b>185.0</b>	22.3	2	29.8	549	3
Doebler	5615GRQ	3000GT	CM,C2	116	<b>184.6</b>	23.0	0	29.2	545	5
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	<b>183.3</b>	20.5	1	27.6	552	2
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113	<b>183.3</b>	21.4	0	24.7	548	4
Mycogen	2V717	STX,B	CM,C2	111	180.0	20.6	3	28.8	542	6
Mycogen	2Y767	STX,B	CM,C2	114	179.6	20.5	0	28.6	541	7
Mycogen	2C799	STX,B	CM,C2	114	177.3	21.9	0	30.0	528	9
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	176.5	21.0	0	29.4	530	8
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	174.6	20.8	1	29.0	525	10
Croplan	6640VT3PR/RIB GC	VT3P,B	AC,P2	113	174.2	21.5	1	29.2	520	11
Augusta	A6866GT3111	3111	CM,C2	116	174.1	23.2	0	27.6	513	15
Armor	1330Pro2	VT2P	AC,P5V	113	171.0	20.4	1	24.8	516	12
Chemgro	7145RDP	VT2P,B	AC,P2	111	170.8	20.5	1	28.9	515	13
Mycogen	2V709	STX,B	CM,C2	110	170.2	21.2	2	28.5	510	16
AgriGold	A6573VT3PRIB GC	VT3P,B	AC,P5V	114	168.9	19.1	1	29.7	515	14
Hubner	H4663RC2P	VT2P,B	AC,P5V	113	166.0	20.5	2	28.8	500	17
Augusta	A5262GTCBLL	GT/CB/LL	CM,C2	112	165.2	21.6	2	28.0	493	18
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	163.9	21.7	1	29.6	489	19
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	162.4	21.2	3	27.7	486	20
Chemgro	7435RDP	VT2P,B	AC,P2	114	162.0	23.4	1	29.8	476	24
Hubner	H4359RC2P	VT2P,B	AC,P5V	107	158.7	20.2	1	26.5	479	22
TA Seeds	TA774-22DPRIB	VT2P,B	CM,C2	116	157.4	19.9	0	28.6	477	23
Axis	64K24RIB	VT2P,B	AC,P5V	114	157.0	18.8	1	29.8	480	21
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	156.9	23.1	0	28.4	462	26
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114	155.4	20.8	3	30.4	467	25
AgriGold	A6517VT3PRIB GC	VT3P,B	AC,P5V	113	150.9	20.8	1	29.4	453	27
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112	150.3	22.5	0	27.3	445	29
TA Seeds	TA625-30	3110	CM,C2	110	149.9	21.7	1	28.8	447	28
Armor	1550Pro2	VT2P	AC,P5V	115	149.9	22.3	2	29.8	445	30

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Test Average = **158.7** **21.2** **1** **28.6** **475**  
LSD (0.10) = 24.2 1.8 2  
LSD (0.25) = 16.8 1.2 1  
C.V. = 11.2 6.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.15 \text{ Local GMO}}{\$3.15 \text{ non-GMO}}$

**Test Comments:** *Plants emerged fine but an excessive amount of early season rainfall caused some significant leaching of nutrients which never allowed for optimum yields. Some variability was evident due to this factor as well. The growing season was generally good, with good rainfall through the summer and no prolonged heat waves. Overall rating of this test is a 5 out of 10.*

† 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: 10/2/2014 Revised:

2014 Corn Grain - Virginia Coastal Plain [ VACP ]



**All-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112
AgriGold	A6517VT3PRIB GC	VT3P,B	AC,P5V	113
AgriGold	A6573VT3PRIB GC	VT3P,B	AC,P5V	114
Armor	1330Pro2	VT2P	AC,P5V	113
Armor	1550Pro2	VT2P	AC,P5V	115
Armor	1616Pro3	VT3P	AC,P5V	116
Augusta	A5262GTCBLL	GT/CB/LL	CM,C2	112
Augusta	A5566GTCBLL	GT/CB/LL	CM,C2	116
Augusta	A6866GT3111	3111	CM,C2	116
Augusta	A7767VT3Pro	VT3P	AC,P5V	117
Augusta	A8064VT3Pro	VT3P	AC,P5V	114
Augusta	A8868VT3Pro	VT3P	AC,P5V	118
Axis	64K24RIB	VT2P,B	AC,P5V	114
Axis	64T22RIB	VT2P,B	AC,P5V	114
Axis	66A22RIB	VT2P,B	AC,P5V	116
Chemgro	7145RDP	VT2P,B	AC,P2	111
Chemgro	7435RDP	VT2P,B	AC,P2	114
Croplan	6640VT3PR/RIB GC	VT3P,B	AC,P2	113
Doebblers	5615GRQ	3000GT	CM,C2	116
Doebblers	RPM 5115AM^	AM,B	MQ,P1V	111
Doebblers	RPM 5315AMXT^	AMXT,B	MQ,P1V	113
Dyna-Gro	D52VC91	VT2P	AC,P5V	112
Dyna-Gro	D55VP77	VT3P	AC,P5V	115
Hubner	H4359RC2P	VT2P,B	AC,P5V	107
Hubner	H4663RC2P	VT2P,B	AC,P5V	113
Hubner	H4744RC2P	VT2P,B	AC,P5V	113
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112
Mid-Atlantic	MA8086STX	STX	AC,P2	108
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112
Mid-Atlantic	MA8167VT3P	VT3P	AC,P2	116
Mycogen	2C799	STX,B	CM,C2	114
Mycogen	2V709	STX,B	CM,C2	110
Mycogen	2V717	STX,B	CM,C2	111
Mycogen	2Y767	STX,B	CM,C2	114
Pioneer	P1319HR GC	HX,RR2	MQ,C2	113
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108
TA Seeds	TA625-30	3110	CM,C2	110
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114
TA Seeds	TA774-22DPRIB	VT2P,B	CM,C2	116

Company/Brand	Product/Brand	Technol.	Seed Trt	RM

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaax® and XL® are registered trademarks of DuPont Pioneer.
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)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

\*\* Seed treatments may include unspecified plant health promoting components.