

2014 Corn Grain Top 30 Harvest Report
 Virginia Coastal Plain [VACP] CHARLES CITY
 George Copland, Charles City County, VA 23030



PREV. CROP/HERB: Corn / Touchdown, Halex GT
 SOIL DESCRIPTION: Sandy loam, mod. well drained, no-till, irrigated
 SOIL CONDITION: Mod. Low P, moderate K, 5.8 pH, 1.7% OM
 PEST MANAGEMENT: Touchdown, Bicep II Magnum f/b Halex GT, atrazine, Quilt Xcel
 FERTILITY - Applied N: 56 Planter, 220 Sidedress
 Applied N-P-K (units): 276-32-0
 SEEDING - RATE - ROW: May 13 33,400 /A 30" spacing
 HARVESTED - STAND: Oct 10 33,300 /A

All-Season Test
107 - 116 Day CRM
 B2014VACP32

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
TA Seeds	TA625-30	3110	CM,C2	110	287.0	21.2	0	34.9	903	1
Hubner	H4663RC2P	VT2P,B	AC,P5V	113	286.4	21.4	0	34.7	899	2
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113	278.7	21.4	0	35.6	875	3
Augusta	A5262GTCBLL	GT/CB/LL	CM,C2	112	274.7	22.4	1	34.2	856	5
Croplan	6640VT3PR/RIB GC	VT3P,B	AC,P2	113	273.8	21.6	2	34.2	858	4
Augusta	A5566GTCBLL	GT/CB/LL	CM,C2	116	272.8	23.8	0	33.3	840	10
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114	272.5	22.7	0	35.9	847	6
Augusta	A8868VT3Pro	VT3P	AC,P5V	118	268.7	21.2	0	32.1	845	8
Armor	1330Pro2	VT2P	AC,P5V	113	267.9	20.6	0	33.2	847	7
AgriGold	A6517VT3PRIB GC	VT3P,B	AC,P5V	113	266.9	20.7	0	34.7	843	9
AgriGold	A6573VT3PRIB GC	VT3P,B	AC,P5V	114	266.4	22.0	0	32.1	833	11
Augusta	A7767VT3Pro	VT3P	AC,P5V	117	265.7	23.4	0	31.5	821	14
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112	265.5	21.5	0	33.8	833	12
Mid-Atlantic	MA8167VT3P	VT3P	AC,P2	116	264.2	23.3	0	32.8	817	17
Chemgro	7435RDP	VT2P,B	AC,P2	114	262.9	22.5	0	34.8	818	15
Augusta	<i>A6866GT3111</i>	<i>3111</i>	<i>CM,C2</i>	<i>116</i>	<i>262.3</i>	<i>25.4</i>	<i>1</i>	<i>32.1</i>	<i>797</i>	<i>27</i>
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	261.3	21.2	0	33.3	822	13
TA Seeds	TA774-22DPRIB	VT2P,B	CM,C2	116	260.9	21.6	2	35.2	818	16
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	259.2	22.4	2	33.0	807	20
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	258.9	21.5	2	32.9	812	19
Armor	1550Pro2	VT2P	AC,P5V	115	258.9	22.8	0	34.2	804	22
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	258.7	22.2	0	32.1	807	21
Doebler	5615GRQ	3000GT	CM,C2	116	258.4	23.1	0	34.0	800	24
Armor	1616Pro3	VT3P	AC,P5V	116	258.2	22.9	0	31.1	801	23
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	256.6	19.6	1	33.3	817	18
Axis	64K24RIB	VT2P,B	AC,P5V	114	255.4	21.7	3	34.7	800	25
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	254.4	21.6	0	32.4	798	26
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	252.4	21.6	0	34.6	791	28
Chemgro	7145RDP	VT2P,B	AC,P2	111	248.9	21.8	1	33.9	779	30
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	248.0	21.0	1	31.5	781	29

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Test Average = **257.1** **22.0** **1** **33.3** **803**
 LSD (0.10) = 18.6 1.7 1
 LSD (0.25) = 13.0 1.2 1
 C.V. = 5.3 5.8

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.30 Local GMO
 \$3.30 non-GMO

Test Comments: *Planted into a hairy vetch cover crop and got an excellent stand, early vigor was excellent as well. Test site was fed very well. When combined with irrigation and cooler than normal temperatures, the corn never encountered a stress period. Disease was not an issue with fungicide applied, however some gray leaf spot and Anthracnose came late-season but did not affect standability.*

† 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: 10/11/2014 Revised:

2014 Corn Grain - Virginia Coastal Plain [VACP]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	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		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					

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.