

2014 Corn Grain Top 30 Harvest Report
 Virginia Coastal Plain [VACP] MECHANICSVILLE
 Chuck McGhee, Hanover County, VA 23116



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

PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Sandy loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Mod. Low P, mod. high K, 5.81 pH, 2.08% OM
 PEST MANAGEMENT: Cinch ATZ, Halex GT, Roundup + 2,4-D
 FERTILITY - Applied N: 80 Planter, 150 Sidedress
 Applied N-P-K (units): 230-20-120
 SEEDING - RATE - ROW: Apr 24 28,100 /A 30" spacing
 HARVESTED - STAND: Sep 27 25,800 /A

All-Season Test
107 - 116 Day CRM
 B2014VACP28

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
Doebler's	5615GRQ	3000GT	CM,C2	116	248.6	19.8	0	29.0	753	1
Augusta	A7767VT3Pro	VT3P	AC,P5V	117	232.5	20.5	1	29.7	700	2
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	231.5	20.2	1	26.4	699	3
TA Seeds	TA625-30	3110	CM,C2	110	225.5	18.4	0	27.4	691	4
AgriGold	A6517VT3PRIB GC	VT3P,B	AC,P5V	113	223.8	18.4	2	28.0	686	5
Armor	1616Pro3	VT3P	AC,P5V	116	218.9	19.9	0	25.2	663	6
Mycogen	2Y767	STX,B	CM,C2	114	213.3	20.3	2	24.7	644	10
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	212.6	19.0	2	26.1	648	9
AgriGold	A6573VT3PRIB GC	VT3P,B	AC,P5V	114	211.5	18.3	1	24.1	649	7
Hubner	H4663RC2P	VT2P,B	AC,P5V	113	211.1	18.0	1	26.4	649	8
Augusta	A5262GTCBLL	GT/CB/LL	CM,C2	112	207.7	18.4	2	26.5	637	12
Chemgro	7145RDP	VT2P,B	AC,P2	111	206.6	17.4	2	26.0	638	11
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112	206.5	19.4	6	27.1	628	14
Mycogen	2V709	STX,B	CM,C2	110	205.9	17.4	1	27.0	636	13
Hubner	H4359RC2P	VT2P,B	AC,P5V	107	203.3	17.9	1	24.2	626	15
Armor	1550Pro2	VT2P	AC,P5V	115	199.9	18.8	5	24.8	611	17
Mid-Atlantic	MA8086STX	STX	AC,P2	108	198.8	16.9	2	27.6	617	16
Axis	66A22RIB	VT2P,B	AC,P5V	116	198.4	20.1	2	21.9	600	18
Augusta	A8868VT3Pro	VT3P	AC,P5V	118	197.5	19.5	1	28.2	600	19
Augusta	A8064VT3Pro	VT3P	AC,P5V	114	196.7	19.4	3	25.6	598	20
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	196.4	19.5	2	25.2	597	21
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	195.5	19.8	8	25.1	592	22
Augusta	A5566GTCBLL	GT/CB/LL	CM,C2	116	189.0	21.4	1	26.0	565	26
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	188.8	16.3	1	24.5	589	23
Mycogen	2V717	STX,B	CM,C2	111	188.4	19.1	4	25.6	574	24
Croplan	6640VT3PR/RIB GC	VT3P,B	AC,P2	113	187.6	18.7	12	26.8	574	25
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	183.5	19.8	5	26.1	556	28
Doebler's	RPM 5115AM^	AM,B	MQ,P1V	111	181.0	17.5	2	26.0	559	27
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	180.2	19.0	7	23.6	550	29
Mycogen	2C799	STX,B	CM,C2	114	173.3	17.6	4	26.4	535	30

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Test Average =	179.7	18.9	10	25.8	548
LSD (0.10) =	24.5	1.8	7		
LSD (0.25) =	17.0	1.2	5		
C.V. =	10.0	6.9			

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

Test Comments: *Plants emerged uniformly due to good soil temperatures and moisture. Early season growth was excellent. A late June thunderstorm with straight-line wind severely green snapped varieties 2 to 3 feet in height. Some hybrids had nearly all plants snapped, others were unaffected. The lodging score is entirely green snap percentage. Snapped hybrids were barren at harvest.*

† 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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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.