

2014 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: Wheat/soybean / glyphosate
SOIL DESCRIPTION: Sandy loam, moderately drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 1.98% OM
PEST MANAGEMENT: Gramoxone, Cinch ATZ, Princep
FERTILITY - Applied N: 75 Planter, 75 Sidedress
Applied N-P-K (units): 150-60-80
SEEDING - RATE - ROW: Apr 28 29,100 /A 30" spacing
HARVESTED - STAND: Oct 3 24,100 /A

All-Season Test
107 - 116 Day CRM
B2014VACP31

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
Hubner	H4663RC2P	VT2P,B	AC,P5V	113	222.3	15.5	1	26.0	775	1
Augusta	A5262GTCBLL	GT/CB/LL	CM,C2	112	222.2	15.9	1	26.3	773	2
Armor	1616Pro3	VT3P	AC,P5V	116	222.2	17.0	1	26.0	767	3
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	215.7	15.8	0	25.8	751	4
Croplan	6640VT3PR/RIB GC	VT3P,B	AC,P2	113	210.0	15.9	0	25.1	730	5
Mycogen	2C799	STX,B	CM,C2	114	208.4	15.6	0	25.8	726	6
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	208.2	15.9	1	24.6	724	7
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	206.6	16.2	0	23.2	717	8
Augusta	A7767VT3Pro	VT3P	AC,P5V	117	203.4	17.0	0	26.0	702	9
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	200.9	15.7	0	24.4	700	10
AgriGold	A6573VT3PRIB GC	VT3P,B	AC,P5V	114	198.7	15.5	0	24.6	693	11
Augusta	A5566GTCBLL	GT/CB/LL	CM,C2	116	198.5	17.5	0	23.5	682	16
Doebler	RPM 5115AM^	AM,B	MQ,P1V	111	197.5	14.9	1	23.9	691	12
Chemgro	7435RDP	VT2P,B	AC,P2	114	197.3	16.6	0	24.6	683	14
Axis	64K24RIB	VT2P,B	AC,P5V	114	196.5	15.9	0	26.5	683	15
TA Seeds	TA625-30	3110	CM,C2	110	196.4	15.5	0	24.9	685	13
Mid-Atlantic	MA8167VT3P	VT3P	AC,P2	116	195.1	17.3	1	25.1	672	17
Armor	1550Pro2	VT2P	AC,P5V	115	192.5	16.0	1	21.1	669	18
Mid-Atlantic	MA8086STX	STX	AC,P2	108	190.0	14.5	0	24.4	665	19
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112	189.2	15.8	0	27.9	658	22
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	189.1	14.0	1	20.7	662	20
AgriGold	A6517VT3PRIB GC	VT3P,B	AC,P5V	113	188.4	15.4	0	26.7	658	23
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114	188.3	15.0	2	25.8	659	21
Axis	64T22RIB	VT2P,B	AC,P5V	114	188.3	16.5	0	23.9	652	24
TA Seeds	TA774-22DPRIB	VT2P,B	CM,C2	116	187.4	16.6	0	24.2	648	26
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	186.8	15.8	1	25.3	650	25
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	185.7	16.1	0	23.2	645	27
Armor	1330Pro2	VT2P	AC,P5V	113	184.4	15.3	0	23.9	644	28
Doebler	5615GRQ	3000GT	CM,C2	116	184.2	16.5	0	23.9	638	29
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	181.9	15.5	0	22.5	634	30

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Test Average = **188.7** **15.8** **1** **24.1** **656**
LSD (0.10) = 25.2 0.7 1
LSD (0.25) = 17.6 0.5 1
C.V. = 9.8 3.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.50 Local GMO
\$3.50 non-GMO

Test Comments: Soil moisture were extremely wet at planting but hybrids did respond nicely coming out of the ground. Temperatures remained cooler than normal for most of the summer and timely rains allowed for corn to make some nice yields. Disease pressure was light (gray leaf spot & northern corn leaf blight) with little impact on yield or standability. Overall test rating is 7 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: 10/6/2014 Revised:

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.