

2014 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] SUDLERSVILLE
 Mike & Josh Appenzeller, Queen Anne County, MD 21668



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

PREV. CROP/HERB: Corn / Corvus, Princep
 SOIL DESCRIPTION: Sandy loam, mod. well drained, no-till, irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.53 pH, 1.23% OM
 PEST MANAGEMENT: Corvus, Gramoxone, Princep, 2,4-D, Asana
 FERTILITY - Applied N: 145 Spring, 5 Planter, 50 Sidedress
 Applied N-P-K (units): 200-45-90
 SEEDING - RATE - ROW: May 9 33,500 /A 30" spacing
 HARVESTED - STAND: Oct 8 32,500 /A

All-Season Test
105 - 115 Day CRM
 B2014DMNO15

Top 30 of 48
 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	278.0	14.3	1	34.2	917	1
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114	266.6	14.6	0	32.2	880	2
Augusta	A4564GENSS	STX	AC,P5V	114	264.5	16.1	0	33.8	866	4
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	262.7	13.1	0	34.5	867	3
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	262.2	12.9	2	29.6	865	5
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	256.6	14.0	0	32.3	847	6
Mid-Atlantic	MA8065STX	STX	AC,P2	106	254.1	12.7	1	32.5	839	7
Axis	66A22RIB	VT2P,B	AC,P5V	116	253.5	17.5	2	33.4	821	15
Mycogen	2Y767	STX,B	CM,C2	114	252.8	13.8	0	33.7	834	8
Chemgro	7435RDP	VT2P,B	AC,P2	114	252.0	13.1	0	33.2	832	9
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	251.3	13.1	0	32.3	829	10
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	250.8	13.1	0	33.0	828	11
Pioneer	P0604AM GC	AM,B	MQ,C2	106	250.8	13.5	1	33.3	828	12
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113	249.9	13.3	0	33.8	825	13
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	249.6	13.0	0	32.9	824	14
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	248.0	13.1	0	33.4	818	16
Mycogen	2V709	STX,B	CM,C2	110	246.2	13.4	1	33.1	812	17
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	245.9	13.7	1	31.8	811	18
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	245.9	12.2	2	34.6	811	19
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	245.0	13.8	2	32.3	809	20
Armor	1330Pro2	VT2P	AC,P5V	113	244.8	13.7	1	31.4	808	21
Mycogen	2C799	STX,B	CM,C2	114	244.5	13.4	1	33.3	807	22
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	243.7	13.3	2	34.4	804	23
Spectrum	5967	None	CM,C2,St	109	242.7	12.4	0	31.7	801	24
TA Seeds	TA625-30	3110	CM,C2	110	241.7	14.0	0	33.4	798	25
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	241.6	12.4	0	32.5	797	26
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	241.4	13.8	1	33.7	797	27
Doebler	RPM 5015AM^	AM,B	MQ,P1V	110	240.7	13.1	1	34.8	794	28
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	240.2	14.4	0	31.8	793	29
Armor	1555Pro2	VT2P	AC,P5V	115	239.3	15.3	1	33.6	788	30

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Test Average =	242.9	13.6	1	32.5	801
LSD (0.10) =	21.3	2.1	ns		
LSD (0.25) =	14.9	1.4	ns		
C.V. =	6.5	11.2			

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

Test Comments: Rainfall was average for the summer. The Irrigation rig was run only 5 times through the growing season. Corn dried down extremely fast and yields were above normal. Diseases included Anthracnose and northern corn leaf blight. 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: 10/12/2014 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110
AgriGold	A6499STXRIB	STX,B	AC,P5V	112
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113
AgriGold	A6559STXRIB	STX,B	AC,P5V	113
Armor	1330Pro2	VT2P	AC,P5V	113
Armor	1550Pro2	VT2P	AC,P5V	115
Armor	1555Pro2	VT2P	AC,P5V	115
Augusta	A4564GENSS	STX	AC,P5V	114
Augusta	A5565VT2Pro	VT2P	CM,C1	115
Augusta	A6664VT2Pro	VT2P	AC,P5V	114
Axis	64K24RIB	VT2P,B	AC,P5V	114
Axis	64T22RIB	VT2P,B	AC,P5V	114
Axis	66A22RIB	VT2P,B	AC,P5V	116
Chemgro	7146R3P	VT3P,B	AC,P2	111
Chemgro	7435RDP	VT2P,B	AC,P2	114
Chemgro	7536R3P	VT3P,B	AC,P2	115
Dekalb	DKC57-50 GC	VT3	AC,P2	107
Dekalb	DKC61-89RIB GC	VT2P,B	AC,P2	111
Doebbers	RPM 5015AM^	AM,B	MQ,P1V	110
Doebbers	RPM 5115AM^	AM,B	MQ,P1V	111
Doebbers	RPM 5315AMXT^	AMXT,B	MQ,P1V	113
Dyna-Gro	D52VC91	VT2P	AC,P5V	112
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114
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	MA8062VT3P	VT3P	AC,P2	106
Mid-Atlantic	MA8065STX	STX	AC,P2	106
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
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	P0604AM GC	AM,B	MQ,C2	106
Pioneer	P1105AM GC	AM,B	MQ,C2	111
Spectrum	5967	None	CM,C2,St	109
Spectrum	6241	None	CM,C2,St	112

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
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

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.