

2016 Corn Grain Top 30 Harvest Report
 Delaware Maryland North [DMNO] WARWICK
 Jonathan Quinn, Cecil County, MD 21912



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Matapeake silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, moderate P, moderate K, 6.4 pH, 2.7% OM
 PEST MANAGEMENT: Roundup, Valor, Capture, Cinch ATZ, Princep, Quadris
 FERTILITY - Applied N: 90 Spring, 7 Planter, 90 Sidedress
 Applied N-P-K (units): 187-28-0
 SEEDING - RATE - ROW: May 26 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 12 34,100 /A

All-Season Test
105 - 115 Day CRM
 B2016DMNO14

Top 30 of 48
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A7766VT2Pro	VT2P	116	255.5	12.7	13	34.8	1,032	1
Hubner	H4744RC2P	VT2P,B	113	247.7	12.7	5	33.6	1,001	2
Doebler	RPM 5015AM^	AM,AQ,B	110	246.1	12.7	6	35.4	994	3
Doebler	RPM 4816AM^	AM,B	108	242.3	12.3	2	32.9	979	4
AgriGold	A6499STXRIB	STX,B	112	241.6	12.8	4	33.8	976	5
Dyna-Gro	D54VC52	VT2P	114	239.8	13.1	6	33.8	969	6
Dyna-Gro	D52VC91	VT2P	112	239.1	13.0	2	34.3	966	7
Chemgro	7275RDD	VT2P,DG	112	239.1	12.4	4	34.5	966	8
Mid-Atlantic	MA8159VT2P	VT2P	115	237.6	13.0	3	33.6	960	9
Pioneer	P1197AM GC	AM,B	111	236.8	12.4	6	33.9	957	10
Mid-Atlantic	MA8144VT2P	VT2P	114	234.9	13.0	6	34.8	949	11
AgriGold	A6572STX	STX	114	234.0	13.1	6	33.8	945	12
Chemgro	7479RSX	STX	114	233.8	12.6	20	34.7	945	13
Hubner	H6663RCSS	STX,B	113	233.0	13.0	14	34.3	941	14
Doebler	RPM 5315AM^	AM,B	113	232.4	12.5	9	34.1	939	15
Augusta	A1108VT2ProRIB	VT2P,B	108	231.3	12.3	5	34.3	934	16
Hubner	H6624RCSS	STX,B	113	229.5	12.4	16	35.0	927	17
Mid-Atlantic	MA8152VT2P	VT2P	115	228.7	13.1	4	34.1	924	18
Doebler	RPM 4717AM^	AM,B	107	228.1	12.5	2	32.9	922	19
Mycogen	2C799	STX,B	113	227.5	12.3	3	33.6	919	20
Doebler	RPM 4917AM^	AM,B	109	226.8	12.7	9	33.3	916	21
Augusta	A6664VT2Pro	VT2P	114	226.7	12.9	10	33.9	916	22
Hubner	H6254RCSS	STX,B	105	226.6	12.0	9	35.2	915	23
Mycogen	X13652VH	HXT,RR2	109	225.2	13.0	4	33.3	910	24
Mid-Atlantic	MA8086VT2P	VT2P	108	223.8	12.2	19	34.6	904	25
Augusta	A1564GTCBLL	GT/CB/LL	114	223.7	13.0	8	34.5	904	26
Dekalb	DKC62-08RIB GC	STX,B	112	221.8	12.5	4	33.3	896	27
Doebler	RPM 5125AM^	AM,B	111	221.5	12.1	17	34.8	895	28
TA Seeds	TA736-22DPRIB	VT2P,B	113	219.1	12.4	13	34.3	885	29
Dekalb	DKC57-77RIB GC	VT2P,DG,B	107	218.3	12.4	8	34.7	882	30

Robin Kauffman

Rob Kauffman
 rkmaits@aol.com, (717) 413-0763

Averages =	220.2	12.9	13	34.1	890
LSD (0.10) =	18.8	0.5	11		
LSD (0.25) =	13.1	0.4	8		
C.V. =	6.3	Prev. years average yield, 168.9 bu/a, 14 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.04; non-GMO = \$4.04

Test Comments: Jonathan said this was the his third consecutive year with above average yields and these results back that up. Lodging was the key separator between good and great yields in this test. Some hybrids were laid over due to weak roots from a late summer storm. Unlike last year, where 90% of plants were stalk or root lodged, about 10% of plants were severely root lodged to make harvest tough.

† 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: 11/13/2016 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6441STXRIB	STX,B	AC,P5V	109	Pioneer	P1197AM GC	AM,B	MQ,C2	111
AgriGold	A6462STXRIB	STX,B	AC,P5V	110	TA Seeds	TA667-31	3111	CM,C2	111
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	TA Seeds	TA736-22DPRIB	VT2P,B	CM,C2	113
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6572STX	STX	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A1564GTCBLL	GT/CB/LL	AVC,C5	114					
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A6465VT2Pro	VT2P	AC,P2	114					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Augusta	A7766VT2Pro	VT2P	CM,C2	116					
Chemgro	6875RDD	VT2P,DG	AC,P5V	108					
Chemgro	7275RDD	VT2P,DG	AC,P5V	112					
Chemgro	7479RSX	STX	AC,P5V	114					
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107					
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112					
Doebblers	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebblers	RPM 4816AM^	AM,B	MQ,P1V	108					
Doebblers	RPM 4917AM^	AM,B	MQ,P1V	109					
Doebblers	RPM 5015AM^	AM,AQ,B	MQ,P1V	110					
Doebblers	RPM 5125AM^	AM,B	MQ,P1V	111					
Doebblers	RPM 5315AM^	AM,B	MQ,P1V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H4359RC2P	VT2P,B	AC,P5V	107					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Hubner	H6254RCSS	STX,B	AC,P5V	105					
Hubner	H6345RCSS	STX,B	AC,P5V	105					
Hubner	H6624RCSS	STX,B	AC,P5V	113					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8122SS	STX	AC,P5V	112					
Mid-Atlantic	MA8144VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8147VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P2	115					
Mid-Atlantic	MA8159VT2P	VT2P	AC,P2	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY10Z28	STX,B	CM,C5,Vi,In	110					
Mycogen	MY13M87	STX	CM,C1,Vi,In	113					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,In	109					
Phoenix	5352AS4^ GC	3111,A	AVC,C2,Vi	109					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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