

2018 Corn Grain Top 30 Harvest Report
 Delaware Maryland North [DMNO] WARWICK
 Jonathan Quinn, Cecil County, MD 21912



PREV. CROP/HERB: Soybean / Liberty
 SOIL DESCRIPTION: Loamy sand, moderately drained, non-irrigated
 SOIL CONDITION: No-till, very high P, very high K, 6.3 pH, 2.5% OM, 6.1 CEC
 PEST MANAGEMENT: Abundit Edge, Cinch ATZ, Capture, Capreno, atrazine, Aproach Prima
 FERTILITY - Applied N: 105 Spring, 37 Planter, 95 Sidedress
 Applied N-P-K (units): 237-135-93
 SEEDING - RATE - ROW: May 31 34,000 /A 30" spacing
 HARVESTED - STAND: Oct 30 31,500 /A

All-Season Test
105 - 115 Day CRM
 B2018DMNO18

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
Great Heart	HT-7244VT2PRIB	VT2P,B	112	243.3	15.9	3	32.5	943	1
Mid-Atlantic	MA8091VT2P	VT2P	109	236.3	15.1	14	30.9	921	2
Doebler	RPM 5518AM	AM,B	115	230.5	16.4	12	31.9	891	4
Seed Consultants	SCS 1105YHR	OI	110	230.3	15.1	6	33.9	898	3
Seed Consultants	SCS 1158YHR	OI	115	229.5	17.3	6	29.2	882	5
Doebler	RPM 3518AM	AM,B	95	226.0	13.9	4	30.5	881	6
Doebler	RPM 5018AM	AM,B	110	223.3	14.0	3	33.4	871	7
Chemgro	7185RDP	VT2P,B	111	219.9	15.1	6	30.9	857	8
Armor	1447Pro2	VT2P	114	218.7	15.1	7	30.0	852	9
Great Heart	HT-7381VT2PRIB	VT2P,B	113	218.4	16.9	15	30.7	841	12
Augusta	A1165VT2ProRIB	VT2P,B	115	216.8	17.2	27	30.5	834	15
Hubner	H4563RC2P	VT2P,B	111	216.6	15.1	31	34.5	844	10
Hubner	H4663RC2P	VT2P,B	113	216.2	14.8	9	33.5	843	11
Augusta	A4858GT3010	3010	108	215.0	15.0	13	31.5	839	13
Augusta	A4465GT3111	3111	114	214.8	16.5	10	32.4	830	17
Mid-Atlantic	MA8163SS	STX	116	214.0	14.6	8	34.8	835	14
Great Heart	HT-7302VT2PRIB	VT2P,B	113	213.4	16.0	28	30.5	827	19
Local Seed Co.	LC1349VT2P	VT2P,B	113	213.3	14.5	6	29.4	832	16
Seed Consultants	SCS 1139AM	AM,B	113	213.2	15.4	18	31.0	829	18
Dyna-Gro	D55VC45	VT2P	115	211.0	15.5	23	33.9	820	20
Armor	X8111Pro2	VT2P	111	210.2	15.7	15	29.7	816	23
Mid-Atlantic	MA8132VT2P	VT2P	113	209.6	15.0	13	31.9	817	21
Armor	0887Pro2	VT2P	108	209.4	14.1	11	34.2	817	22
Seed Consultants	SCS 1125YHR	OI	112	209.3	15.8	22	34.8	812	25
Seed Consultants	SCS 1087YHR	OI	108	208.5	14.2	15	30.7	813	24
Armor	1227Pro2	VT2P	112	208.2	14.5	8	30.2	812	26
Mid-Atlantic	MA8107VT2P	VT2P	110	207.6	15.7	7	31.4	806	29
Dyna-Gro	D52SS63	STX	112	207.5	15.2	19	30.7	808	27
Hubner	H04G287	VT2P,DG,B	104	207.3	14.5	22	31.9	808	28
Doebler	RPM 4919AM	AM	109	204.4	15.0	9	31.2	797	30

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Averages = **207.9** **15.3** **14** **31.5** **808**

LSD (0.10) = 22.7 1.2 14

LSD (0.25) = 11.9 0.6 8

C.V. = 10.4 Prev. years average yield, 177.3 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.90; non-GMO = \$3.90

Test Comments: *Later planting probably helped yields with this plot. Corn plants were only waist high when the hot dry weather hit.*

Fortunately, rains returned during that critical period when plants were pollinating. Stalk rots were present at harvest but plants did manage to feed into and through the combine well. Overall rating of the plot is 7 out 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: 11/01/2018 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
Armor	0303Pro2	VT2P	AC,P5V	103	Seed Consultants SCS	1125YHR	OI	MQ,P1V	112
Armor	0887Pro2	VT2P	AC,P5V	108	Seed Consultants SCS	1139AM	AM,B	MQ,P1V,R	113
Armor	1227Pro2	VT2P	AC,P5V	112	Seed Consultants SCS	1158YHR	OI	MQ,P1V,R	115
Armor	1447Pro2	VT2P	AC,P2	114					
Armor	1667SS	STX	AC,P2	116					
Armor	X8111Pro2	VT2P	AC,P5V	111					
Augusta	A1165VT2ProRIB	VT2P,B	AC,P1V	115					
Augusta	A1564GT3000	3000GT	CM,C2	114					
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Augusta	A4465GT3111	3111	AVC,C5	114					
Augusta	A4858GT3010	3010	CM,C2	108					
Augusta	A4860GT3220A	3220,A	CM,C2	110					
Augusta	A5065GT3111	3111	CM,C1	115					
Chemgro	7095RDP	VT2P	AC,P2	110					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
Chemgro	7275RDP	VT2P,DG,B	AC,P2	112					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Doebblers	RPM 3518AM	AM,B	CM,C2,R,Lu	95					
Doebblers	RPM 4919AM	AM	MQ,P1V,R	109					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Doebblers	RPM 5518AM	AM,B	MQ,P1V,R	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Great Heart	HT-7244VT2PRIB	VT2P,B	AC,P5V	112					
Great Heart	HT-7302VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7486SSRIB	STX,B	AC,P5V	114					
Hubner	H04G287	VT2P,DG,B	AC,P2	104					
Hubner	H4219RC2P	VT2P,B	AC,P5V	99					
Hubner	H4563RC2P	VT2P,B	AC,P2	111					
Hubner	H4663RC2P	VT2P,B	AC,P2	113					
Hubner	H6867RCSS	STX,B	AC,P5V	116					
Local Seed Co.	LC1289VT2P	VT2P,B	CM,C2	112					
Local Seed Co.	LC1349VT2P	VT2P,B	CM,C2	113					
Local Seed Co.	LC1487	None	CM,C2	114					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8132VT2P	VT2P	AC,P2	113					
Mid-Atlantic	MA8163SS	STX	AC,P2	116					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
Seed Consultants SC	10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants SCS	1087YHR	OI	MQ,P1V,R	108					
Seed Consultants SCS	1105YHR	OI	MQ,P1V,R	110					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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