

## 2017 Soybean Top 30 Harvest Report

Delaware Maryland North [ DMNO ] WESTMINSTER  
Doug Armagost, Carroll County, MD 21155



PREV. CROP/HERB: Corn  
SOIL DESCRIPTION: Clay loam, moderately drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6.2 pH, 2.5% OM, 7.2 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Envive,Raptor  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: Jun 7 165,000 /A 30" Spacing  
HARVESTED - STAND: Nov 28 158,800 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.3**  
S2017DMNO01

### Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P35T58R §	RR	3.5	R	<b>68.7</b>	10.2	6	161.5	\$638	1
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	<b>64.0</b>	9.9	14	159.1	\$594	2
Bayer	CZ3841LL	LL	3.8	R	<b>62.8</b>	10.4	9	159.1	\$583	3
Hubner	H43-27R2X	RRX,ST	4.3	R	<b>62.5</b>	10.1	6	153.3	\$580	4
Bayer	CZ4222LL	LL	4.2	MR	<b>61.9</b>	9.7	11	156.8	\$574	5
Stine	41RH22 §	RR2Y,ST	4.1	R	<b>60.1</b>	10.1	7	154.5	\$558	6
NK Brand	S39-T3 §	RR2Y,ST	3.9	R	57.5	9.6	6	161.5	\$534	7
Stine	37RI02 §	RR2Y	3.7	R	57.1	10.0	6	160.3	\$530	8
Channel	4218R2X/SR	RRX,ST	4.2	R	57.0	10.3	6	161.5	\$529	9
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	56.3	10.3	7	158.0	\$522	10
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	56.0	10.0	9	160.3	\$520	11
Asgrow	AG43X7 §	RRX,ST	4.3	R	55.7	9.1	7	159.1	\$517	12
Channel	3718R2X	RRX	3.7	R	55.1	9.8	3	155.7	\$511	13
Hubner	H42-13R2	RR2Y	4.2	R	54.9	10.1	4	161.5	\$509	14
NK Brand	S39-P5X §	RRX	3.9	R	54.4	10.7	9	154.5	\$505	15
Bayer	CZ3738LL	LL	3.7	MR	54.3	10.0	5	153.3	\$504	16
Bayer	CZ4308LL	LL	4.3	MR	53.4	10.2	16	160.3	\$496	17
NK Brand	S42-P6 §	RR2Y	4.2	R	53.2	10.1	10	161.5	\$494	18
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	53.1	9.6	6	155.7	\$493	19
Great Heart	GT-4231XS	RRX,ST	4.2	R	52.3	10.6	7	152.2	\$485	20
Asgrow	AG39X7 §	RRX,ST	3.9	R	52.2	10.6	6	153.3	\$484	21
Asgrow	AG36X6 §	RRX	3.6	R	52.0	10.4	7	160.3	\$483	22
Doebler	RPM DB3817R^	RR	3.8	R	51.6	10.5	4	154.5	\$479	23
Channel	3816R2X/SR	RRX,ST	3.8	R	51.5	10.8	9	149.8	\$478	24
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	51.5	10.9	9	163.8	\$478	25
T.A. Seeds	TS3759R2	RR2Y	3.7	MR	50.9	11.0	6	160.3	\$472	26
Great Heart	GT-3711XS	RRX,ST	3.7	R	49.6	11.0	7	160.3	\$460	27
Doebler	RPM 40R8^	RR	4.0	R	49.2	10.7	11	162.6	\$457	28
Bayer	CZ3443LL	LL	3.4	MR	48.9	10.4	11	155.7	\$454	29
Bayer	CZ4105LL	LL	4.1	R	48.4	10.8	2	159.1	\$449	30

*Robin Kauffman*

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

Averages = **52.4** **10.4** **7** **158.8** **\$487**  
LSD (0.10) = 7.7 ns 3.4  
LSD (0.25) = 4.0 ns 1.8  
C.V. = 13.8

Prev. years avg. yield, 65.3 bu/a, 4 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.28 GMO; \$9.28 non-GMO

**TEST COMMENTS:** Soil conditions were excellent at planting allowing for good emergence. Most of the growing season had above average rainfall and cooler than normal temperatures. Weed control was good with only a few grasses escaping. Overall rating of the plot is a 7 out of 10. (10=best)

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 11/29/2017 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> 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.
§	United Soybean Board sponsored entry

### Soybean Technologies

BG	Balance™ GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucha <sup>®</sup>	YPP	YP Pro™

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