

## 2016 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Acuron  
SOIL DESCRIPTION: Gleneig loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Mod. Low P, moderate K, 6 pH, 3.3 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Credit Extra  
SEEDED - RATE - ROW: Jun 11 175,000 /A 15" Spacing  
HARVESTED - STAND: Nov 14 158,100 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.3**  
S2016DMNO03

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Mycogen	5N433R2	RR2Y	4.3	R	CCB	<b>69.8</b>	10.2	4	162.6	\$648
Hubner	H42-13R2	RR2Y	4.2	R	ACi	<b>69.1</b>	10.0	6	162.6	\$642
Doebbers	RPM DB3517R^	RR	3.5	R	DPHB	<b>65.7</b>	9.6	3	153.3	\$610
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	63.7	9.5	3	160.3	\$592
Hubner	H47-16R2X	RRX,ST	4.7	R	ACi	63.5	10.2	5	153.3	\$590
TA Seeds	TS4469R2S	RR2Y,ST	4.4	R	TE	63.4	10.0	8	155.7	\$589
TA Seeds	TS4276R2XS	RRX,ST	4.2	MR	TE	63.1	10.2	2	162.6	\$586
Pioneer	P36T86R §	RR	3.6	R	EE,G	62.8	9.3	5	164.9	\$583
Channel	4116R2X	RRX	4.1	MR	ACi	61.8	9.9	6	160.3	\$574
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	ACi	60.9	9.8	8	155.7	\$566
Asgrow	AG40X6 §	RRX	4.0	R	ACi	60.8	10.1	4	164.9	\$565
Mid-Atlantic	MAS4535	RRX,ST	4.5	MR	ACi	60.8	10.0	6	160.3	\$565
TA Seeds	TS3759R2	RR2Y	3.7	R	TE	60.2	9.8	6	158.0	\$559
Mycogen	5N424R2	RR2Y,ST	4.2	R	CCB	60.1	10.1	4	158.0	\$558
Mycogen	5N387R2	RR2Y	3.8	R	CCB	59.6	9.8	2	162.6	\$554
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	58.4	10.2	11	164.9	\$543
Asgrow	AG38X6 §	RRX	3.8	R	ACi	58.3	9.7	6	160.3	\$542
Pioneer	P35T58R §	RR	3.5	R	EE,G	58.1	9.3	6	164.9	\$540
Asgrow	AG36X6 §	RRX	3.6	R	ACi	57.7	9.9	6	158.0	\$536
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	57.5	10.1	5	160.3	\$534
Pioneer	P34T90PR §	RR,P	3.4	R	n/a	57.2	10.3	3	164.9	\$531
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	56.9	9.5	3	158.0	\$529
Channel	3617R2X	RRX	3.6	R	ACi	56.8	10.0	1	153.3	\$528
Doebbers	RPM DB3817R^	RR	3.8	R	DPHB	56.3	9.1	2	162.6	\$523
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	56.3	10.2	7	158.0	\$523
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	56.2	10.2	8	155.7	\$522
Doebbers	RPM DB4214SR^	RR,ST	4.2	R	DPHB	54.9	9.5	2	153.3	\$510
Mycogen	5N414R2	RR2Y,ST	4.1	R	CCB	54.7	9.7	4	153.3	\$508
TA Seeds	TS3966R2XS	RRX,ST	3.9	MR	TE	54.7	10.2	10	162.6	\$508
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	54.6	10.2	7	160.3	\$507

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Averages =	<b>58.2</b>	<b>9.9</b>	<b>5</b>	<b>158.1</b>	<b>\$541</b>
LSD (0.10) =	6.7	0.7	ns		
LSD (0.25) =	4.7	0.5	ns		
C.V. =	8.5			Prev. years avg. yield, 72.1 bu/a, 3 yrs	

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.29 GMO; \$9.29 non-GMO

**TEST COMMENTS:** *Good emergence and early plant development with some above average rainfall helped these soybeans to produce nice yields. Some varieties did lodge from the extra height, but generally harvest went well. Good bit of purple stain on seeds but overall seed size was good. 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: 11/15/2016 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.
§	United Soybean Board sponsored entry

### Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

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