

## 2016 Soybean Top 30 Harvest Report

Delaware Maryland North [ DMNO ] HANOVER  
Dan Winters, Adams County, PA 17331



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

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Conestoga silt loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 5.2 pH, 3.1 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: paraquat, Credit Extra  
SEEDED - RATE - ROW: Jun 11 175,000 /A 15" Spacing  
HARVESTED - STAND: Oct 25 159,900 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.3**  
S2016DMNO04

**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
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	<b>53.0</b>	10.5	2	162.6	\$504
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	<b>49.3</b>	10.9	0	167.3	\$469
Mycogen	5N433R2	RR2Y	4.3	R	CCB	47.0	10.8	2	162.6	\$447
TA Seeds	TS4469R2S	RR2Y,ST	4.4	R	TE	46.9	10.7	3	155.7	\$446
Mid-Atlantic	MAS4535	RRX,ST	4.5	MR	ACi	46.7	11.4	1	155.7	\$444
Doebblers	RPM DB4214SR^	RR,ST	4.2	R	DPHB	46.4	10.3	0	160.3	\$441
Hubner	H42-13R2	RR2Y	4.2	R	ACi	46.3	10.6	2	158.0	\$440
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	45.4	10.9	1	167.3	\$432
Stine	43RE02 §	RR2Y	4.3	R	SFI	45.2	10.3	0	164.9	\$430
Hubner	H47-16R2X	RRX,ST	4.7	R	ACi	45.1	11.6	2	151.0	\$429
Mycogen	5N414R2	RR2Y,ST	4.1	R	CCB	44.5	10.6	2	160.3	\$423
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	44.3	10.3	0	169.6	\$421
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi	44.3	10.5	2	148.7	\$421
TA Seeds	TS3759R2	RR2Y	3.7	R	TE	44.1	10.4	1	160.3	\$419
Doebblers	RPM DB3517R^	RR	3.5	R	DPHB	43.0	10.2	0	167.3	\$409
Mycogen	5N387R2	RR2Y	3.8	R	CCB	43.0	10.3	1	155.7	\$409
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	ACi	42.7	11.3	1	164.9	\$406
Channel	3417R2X	RRX	3.4	R	ACi	42.6	10.4	1	167.3	\$405
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	42.5	10.6	1	158.0	\$404
Doebblers	RPM DB3817R^	RR	3.8	R	DPHB	41.9	10.1	0	160.3	\$398
Mycogen	5N424R2	RR2Y,ST	4.2	R	CCB	41.9	11.1	0	158.0	\$398
Asgrow	AG40X6 §	RRX	4.0	R	ACi	41.8	10.6	0	167.3	\$398
TA Seeds	TS4276R2XS	RRX,ST	4.2	MR	TE	41.7	10.9	0	155.7	\$397
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	41.2	10.6	1	160.3	\$392
Pioneer	P35T58R §	RR	3.5	R	EE,G	41.1	10.8	1	153.3	\$391
TA Seeds	TS3966R2XS	RRX,ST	3.9	MR	TE	40.2	11.0	2	148.7	\$382
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	39.3	10.4	1	148.7	\$374
Channel	4116R2X	RRX	4.1	MR	ACi	38.7	11.0	0	158.0	\$368
Pioneer	P34T90PR §	RR,P	3.4	R	n/a	38.7	11.6	0	160.3	\$368
Asgrow	AG38X6 §	RRX	3.8	R	ACi	38.4	10.3	0	155.7	\$365

*Robin Kauffman*

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Averages =	<b>42.4</b>	<b>10.7</b>	<b>1</b>	<b>159.9</b>	<b>\$404</b>
LSD (0.10) =	5.6	0.8	ns		
LSD (0.25) =	3.9	0.6	ns		
C.V. =	9.7			Prev. years avg. yield, 52.5 bu/a, 10 yrs	

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.51 GMO; \$9.51 non-GMO

**TEST COMMENTS:** *Emergence and early growth were both good. Rainfall became short in July and early August, some later rains did help varieties that were still setting pods. Bean size was extremely small with many having purple stain. 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: 10/26/2016 Revised:

**2016 Soybean - Delaware Maryland North [ DMNO ]**

**All-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi						
Asgrow	AG38X6 §	RRX	3.8	R	ACi						
Asgrow	AG40X6 §	RRX	4.0	R	ACi						
Channel	3417R2X	RRX	3.4	R	ACi						
Channel	3617R2X	RRX	3.6	R	ACi						
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi						
Channel	4116R2X	RRX	4.1	MR	ACi						
Doebblers	RPM DB3517R^	RR	3.5	R	DPHB						
Doebblers	RPM DB3817R^	RR	3.8	R	DPHB						
Doebblers	RPM DB4214SR^	RR,ST	4.2	R	DPHB						
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi						
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi						
Hubner	H42-13R2	RR2Y	4.2	R	ACi						
Hubner	H47-16R2X	RRX,ST	4.7	R	ACi						
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi						
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi						
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi						
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	ACi						
Mid-Atlantic	MAS4535	RRX,ST	4.5	MR	ACi						
Mycogen	5N387R2	RR2Y	3.8	R	CCB						
Mycogen	5N414R2	RR2Y,ST	4.1	R	CCB						
Mycogen	5N424R2	RR2Y,ST	4.2	R	CCB						
Mycogen	5N433R2	RR2Y	4.3	R	CCB						
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Pioneer	P34T90PR §	RR,P	3.4	R	n/a						
Pioneer	P35T58R §	RR	3.5	R	EE,G						
Pioneer	P36T86R §	RR	3.6	R	EE,G						
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						
TA Seeds	TS3759R2	RR2Y	3.7	R	TE						
TA Seeds	TS3966R2XS	RRX,ST	3.9	MR	TE						
TA Seeds	TS4276R2XS	RRX,ST	4.2	MR	TE						
TA Seeds	TS4469R2S	RR2Y,ST	4.4	R	TE						

## 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.