

2017 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] PRESTON
Roger Schmick, Caroline County, MD 21655



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

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Sandy loam, mod. well drained, irrigated
SOIL CONDITIONS: Very high P, very high K, 6.0 pH, 1.8% OM, 5.3 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Glyphosate, Sonic, Prowl, Raptor
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 16 165,000 /A 30" Spacing
HARVESTED - STAND: Nov 25 159,800 /A

All-Season Test
Maturity Group 3.4 - 4.3
S2017DMNO04

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
NK Brand	S39-P5X §	RRX	3.9	R	54.3	15.8	14	153.3	\$501	1
Doeblers	RPM 39X8^	RRX	3.9	R	53.8	17.0	6	166.1	\$495	2
T.A. Seeds	TS3969R2X	RRX	3.9	MR	53.4	16.9	6	152.2	\$491	3
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	52.1	16.2	9	153.3	\$480	4
Bayer	CZ4105LL	LL	4.1	R	51.3	16.0	2	162.6	\$473	5
Hubner	H43-27R2X	RRX,ST	4.3	R	51.0	16.3	4	162.6	\$470	6
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	50.7	15.4	14	160.3	\$468	7
NK Brand	S39-T3 §	RR2Y,ST	3.9	R	50.7	17.1	6	161.5	\$466	10
NK Brand	S42-P6 §	RR2Y	4.2	R	50.6	15.1	6	164.9	\$467	8
Bayer	CZ4308LL	LL	4.3	MR	50.6	15.6	9	161.5	\$467	9
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	50.5	17.1	4	160.3	\$464	12
Bayer	CZ4222LL	LL	4.2	MR	50.4	15.9	6	159.1	\$465	11
Doeblers	RPM 42X8^	RRX	4.2	R	50.2	15.4	6	159.1	\$463	13
Hubner	H38-37R2X	RRX	3.8	R	50.1	16.4	7	159.1	\$462	14
Pioneer	P35T58R §	RR	3.5	R	50.1	16.2	14	153.3	\$462	15
Great Heart	GT-4231XS	RRX,ST	4.2	R	49.8	16.1	8	161.5	\$459	16
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	49.8	16.8	4	156.8	\$458	17
Stine	37RI02 §	RR2Y	3.7	R	49.4	18.2	7	161.5	\$453	18
Great Heart	GT-3926X	RRX	3.9	R	48.1	16.2	8	166.1	\$443	19
Asgrow	AG43X7 §	RRX,ST	4.3	R	48.0	15.5	7	163.8	\$443	20
Stine	41RH22 §	RR2Y,ST	4.1	R	47.6	17.5	6	163.8	\$437	21
Doeblers	RPM 40R8^	RR	4.0	R	47.5	18.3	14	159.1	\$436	22
Bayer	CZ3841LL	LL	3.8	R	47.2	17.0	14	160.3	\$434	23
Great Heart	GT-3711XS	RRX,ST	3.7	R	46.8	15.8	9	160.3	\$432	24
Channel	4218R2X/SR	RRX,ST	4.2	R	46.2	15.2	2	159.1	\$427	25
Asgrow	AG39X7 §	RRX,ST	3.9	R	46.1	15.5	9	156.8	\$426	26
Hubner	H42-13R2	RR2Y	4.2	R	45.9	15.3	3	154.5	\$424	27
T.A. Seeds	TS3759R2	RR2Y	3.7	MR	45.7	17.5	3	155.7	\$420	28
Bayer	CZ3738LL	LL	3.7	MR	45.5	17.2	6	162.6	\$418	29
Doeblers	RPM DB3817R^	RR	3.8	R	45.0	15.1	4	166.1	\$416	30

Robin Kauffman

Rob Kauffman

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

Averages = **46.6** **16.3** **8** **159.8** **\$430**
LSD (0.10) = 4.9 ns 3.6
LSD (0.25) = 2.5 ns 1.9
C.V. = 9.8

Prev. years avg. yield, 57.4 bu/a, 7 yrs

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

TEST COMMENTS: Adequate to above average rainfall for the summer. Planted after wheat harvest with good soil moisture. Periods of some dry weather but with irrigation, soybeans kept progressing nicely. Later than normal harvest had some of the early soybeans starting to shatter. Overall rating of the plot is a 8 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.

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Report Date: 11/27/2017 Revised:

2017 Soybean - Delaware Maryland North [DMNO]

All-Season Test Products (42 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	AG39X7 §	RRX,ST	3.9	R	ACi						
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi						
Bayer	CZ3443LL	LL	3.4	MR	EE,IL,PV						
Bayer	CZ3738LL	LL	3.7	MR	EE,IL,PV						
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV						
Bayer	CZ4105LL	LL	4.1	R	EE,IL,PV						
Bayer	CZ4222LL	LL	4.2	MR	EE,IL,PV						
Bayer	CZ4308LL	LL	4.3	MR	EE,IL,PV						
Channel	3718R2X	RRX	3.7	R	ACi						
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi						
Channel	4218R2X/SR	RRX,ST	4.2	R	ACi						
Channel	4317R2X/SR	RRX,ST	4.3	R	ACi						
Doeblers	RPM 39X8^	RRX	3.9	R	DPHB,IL						
Doeblers	RPM 40R8^	RR	4.0	R	DPHB,IL						
Doeblers	RPM 42X8^	RRX	4.2	R	DPHB,IL						
Doeblers	RPM DB3517R^	RR	3.5	R	DPHB						
Doeblers	RPM DB3817R^	RR	3.8	R	DPHB						
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+						
Great Heart	GT-3926X	RRX	3.9	R	Gr+						
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+						
Hubner	H38-37R2X	RRX	3.8	R	AC,PV						
Hubner	H42-13R2	RR2Y	4.2	R	AC,PV						
Hubner	H43-27R2X	RRX,ST	4.3	R	AC,PV						
Hubner	H47-16R2X	RRX,ST	4.7	R	AC,PV						
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	PS						
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	PS						
Mid-Atlantic	MAS3674RR2/STS/E	RRX,ST	3.6	MR	PS						
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	PS						
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	PS						
Mid-Atlantic	MAS4100EXPT/GT	BG	4.1	MR	PS						
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	PS						
NK Brand	S39-P5X §	RRX	3.9	R	CCB,Me						
NK Brand	S39-T3 §	RR2Y,ST	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Pioneer	P31T77R §	RR	3.1	R	?						
Pioneer	P35T58R §	RR	3.5	R	?						
Stine	37R102 §	RR2Y	3.7	R	SFI						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						
T.A. Seeds	TS3759R2	RR2Y	3.7	MR	TE						
T.A. Seeds	TS3969R2X	RRX	3.9	MR	TE						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
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 [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
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 [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.