

2017 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] CHESTERTOWN
Tom Mason, Kent County, MD 19709



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

PREV. CROP/HERB: Oat
SOIL DESCRIPTION: Sandy loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Low P, low K, 6.1 pH, 1.8% OM, 5.8 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Glyphosate, Raptor
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 8 165,000 /A 30" Spacing
HARVESTED - STAND: Dec 4 159,700 /A

All-Season Test
Maturity Group 3.4 - 4.3
S2017DMNO02

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
Channel	4218R2X/SR	RRX,ST	4.2	R	60.6	14.1	3	162.6	\$565	1
Bayer	CZ4308LL	LL	4.3	MR	59.0	15.2	7	160.3	\$548	2
Channel	4317R2X/SR	RRX,ST	4.3	R	58.5	14.7	4	161.5	\$544	3
Stine	43RE02 §	RR2Y	4.3	R	57.3	14.5	6	164.9	\$533	4
Great Heart	GT-4231XS	RRX,ST	4.2	R	57.2	14.5	3	161.5	\$533	5
NK Brand	S39-T3 §	RR2Y,ST	3.9	R	56.9	14.2	5	160.3	\$530	6
Asgrow	AG39X7 §	RRX,ST	3.9	R	56.3	14.8	4	160.3	\$524	7
Stine	37RI02 §	RR2Y	3.7	R	55.8	14.5	4	161.5	\$519	8
Asgrow	AG43X7 §	RRX,ST	4.3	R	54.5	14.5	2	161.5	\$507	9
NK Brand	S39-P5X §	RRX	3.9	R	53.5	14.6	3	158.0	\$498	10
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	53.2	14.9	3	160.3	\$495	11
Hubner	H47-16R2X	RRX,ST	4.7	R	52.9	14.4	3	155.7	\$493	12
Hubner	H43-27R2X	RRX,ST	4.3	R	52.5	14.9	4	155.7	\$488	13
Stine	41RH22 §	RR2Y,ST	4.1	R	52.5	15.2	5	162.6	\$488	14
NK Brand	S42-P6 §	RR2Y	4.2	R	52.4	14.9	2	163.8	\$487	15
Hubner	H38-37R2X	RRX	3.8	R	52.3	14.7	4	163.8	\$487	16
Doebler	RPM 42X8^	RRX	4.2	R	52.1	14.6	2	158.0	\$485	17
T.A. Seeds	TS3969R2X	RRX	3.9	MR	52.0	14.6	4	160.3	\$484	18
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	52.0	14.7	4	162.6	\$484	19
T.A. Seeds	TS3759R2	RR2Y	3.7	MR	51.9	14.4	5	156.8	\$483	20
Bayer	CZ4222LL	LL	4.2	MR	51.5	14.9	3	149.8	\$479	21
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	51.1	15.0	7	155.7	\$475	22
Doebler	RPM 40R8^	RR	4.0	R	51.0	14.2	7	163.8	\$475	23
Doebler	RPM DB3517R^	RR	3.5	R	50.8	14.8	1	156.8	\$473	24
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	50.7	14.0	6	156.8	\$473	25
Great Heart	GT-3926X	RRX	3.9	R	50.7	15.3	3	164.9	\$471	26
Great Heart	GT-3711XS	RRX,ST	3.7	R	50.6	14.6	4	152.2	\$471	27
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	50.1	15.3	4	153.3	\$466	28
Channel	3816R2X/SR	RRX,ST	3.8	R	50.0	14.9	5	161.5	\$465	29
Hubner	H42-13R2	RR2Y	4.2	R	49.2	14.7	2	159.1	\$458	30

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Averages = **51.1** **14.7** **4** **159.7** **\$475**
LSD (0.10) = 4.8 ns 2.0
LSD (0.25) = 2.5 ns 1.1
C.V. = 9.0

New test site, no yield history

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.34 GMO; \$9.34 non-GMO

TEST COMMENTS: Soybean emergence was good and above average rainfall for the summer made for some good yields. Weed control and disease were not a factor for this plot. Overall rating of the plot is a 9 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: 12/05/2017 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						
Doebler	RPM 39X8^	RRX	3.9	R	DPHB,IL						
Doebler	RPM 40R8^	RR	4.0	R	DPHB,IL						
Doebler	RPM 42X8^	RRX	4.2	R	DPHB,IL						
Doebler	RPM DB3517R^	RR	3.5	R	DPHB						
Doebler	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	37RI02 §	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.