

2018 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] CHESTERTOWN
Tom Mason, Kent County, MD 21620



PREV. CROP/HERB: Wheat/Soybean / glyphosate
SOIL DESCRIPTION: Sandy loam, moderately drained, non-irrigated
SOIL CONDITIONS: Medium P, low K, 6.2 pH, 1.9% OM, 5.1 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: glyphosate, Raptor
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 1 160,000 /A 30" Spacing
HARVESTED - STAND: Nov 23 93,700 /A

All-Season Test
Maturity Group 3.4 - 4.3
S2018DMNO01

Top 30 of 36

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	P42A52X §	RRX	4.2	R	59.7	13.9	11	98.7	\$480	1
Hubner	H42-28R2X	RRX,ST	4.2	R	59.5	13.7	3	104.5	\$479	2
Doebler	RPM 40R8	RR	4.0	R	57.5	13.7	5	89.1	\$463	3
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	57.2	13.6	2	94.9	\$460	4
NK Brand	S43-V3X §	RRX	4.3	R	56.9	13.8	6	92.9	\$458	5
Hubner	H43-27R2X	RRX,ST	4.3	R	56.6	13.7	10	94.9	\$455	6
Credenz	CZ3738LL	LL	3.7	MR	56.5	13.6	3	98.7	\$455	7
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	56.5	14.5	6	98.7	\$454	8
Local Seed Co.	LS3976X	RRX	3.9	R	56.4	13.9	3	69.7	\$454	9
Credenz	CZ3841LL	LL	3.8	R	55.7	14.7	11	94.9	\$447	10
Credenz	CZ3601LL	LL	3.6	R	55.5	13.6	5	92.9	\$447	11
Credenz	CZ4222LL	LL	4.2	MR	54.9	13.4	6	100.7	\$442	12
NK Brand	S42-B9XS §	RRX,ST	4.2	R	54.9	14.4	1	89.1	\$441	13
Asgrow	AG38X8 §	RRX	3.8	R	54.8	13.5	2	102.6	\$441	14
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	54.3	13.4	9	96.8	\$437	15
Asgrow	AG36X6 §	RRX	3.6	R	54.1	13.7	3	92.9	\$435	16
Credenz	CZ4308LL	LL	4.3	MR	54.0	13.6	7	87.1	\$435	17
Great Heart	GT-4231XS	RRX,ST	4.2	R	53.8	13.7	7	89.1	\$433	18
Doebler	RPM 42X9	RRX,ST	4.2	R	53.8	14.3	10	98.7	\$432	19
NK Brand	S39-P5X §	RRX	3.9	R	53.7	13.6	6	102.6	\$432	20
Armor	X43D43	RRX	4.3	R	53.4	14.1	2	104.5	\$429	21
Local Seed Co.	LS4458XS	RRX,ST	4.4	R	52.9	14.0	7	92.9	\$425	22
Asgrow	AG43X7 §	RRX,ST	4.3	R	52.8	13.8	15	100.7	\$425	23
Hubner	H38-27R2X	RRX	3.8	R	52.0	14.2	12	104.5	\$418	24
Pioneer	P39T28X §	RRX	3.9	R	51.6	13.8	2	98.7	\$415	25
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	51.6	13.4	3	94.9	\$415	26
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	51.6	13.6	11	89.1	\$415	27
Armor	35-D20	RRX	3.5	R	50.5	14.1	3	87.1	\$406	28
Armor	39-D39	RRX	3.9	R	50.1	14.7	7	73.6	\$402	30
Pioneer	P36T86R §	RR	3.6	R	50.0	13.4	3	100.7	\$403	29

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Averages = **53.3** **13.8** **5** **93.7** **\$429**
LSD (0.10) = 3.8 0.5 3.5
LSD (0.25) = 2.0 0.3 1.9
C.V. = 6.7

Prev. years avg. yield, 51.1 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.06 GMO; \$8.06 non-GMO

TEST COMMENTS: *Despite wet no-till planting conditions, soybean plants emerged nicely. Hot dry weather followed for a few weeks after emergence but rainfall was above average for the rest of the growing season. Some pod shattering of certain varieties observed at harvest. Overall rating of the plot is 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: 11/25/2018 Revised:

2018 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
Armor	35-D20	RRX	3.5	R	DX						
Armor	39-D39	RRX	3.9	R	DX						
Armor	X40D85	RRX	4.0	R	DX						
Armor	X43D43	RRX	4.3	R	DX						
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV						
Asgrow	AG38X8 §	RRX	3.8	R	AC,PV						
Asgrow	AG43X7 §	RRX,ST	4.3	R	AC,PV						
Credenz	CZ3601LL	LL	3.6	R	EE,PV,IL						
Credenz	CZ3738LL	LL	3.7	MR	EE,PV,IL						
Credenz	CZ3841LL	LL	3.8	R	EE,PV,IL						
Credenz	CZ4105LL	LL	4.1	R	EE,PV,IL						
Credenz	CZ4222LL	LL	4.2	MR	EE,PV,IL						
Credenz	CZ4308LL	LL	4.3	MR	EE,PV,IL						
Doebler	RPM 40R8	RR	4.0	R	DPHB,Lu						
Doebler	RPM 42X9	RRX,ST	4.2	R	DPHB,IL						
Great Heart	GT-404CLL	LL	4.0	R	Gr+						
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+						
Hubner	H38-27R2X	RRX	3.8	R	AC,PV						
Hubner	H42-28R2X	RRX,ST	4.2	R	AC,PV						
Hubner	H43-27R2X	RRX,ST	4.3	R	AC,PV						
Local Seed Co.	LS3976X	RRX	3.9	R	TE						
Local Seed Co.	LS4458XS	RRX,ST	4.4	R	TE						
Mid-Atlantic	MAS3311NRR2/STS/)	RRX	3.3	n/a	PS						
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	PS,Me						
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	PS						
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	PS						
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	PS						
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	PS						
NK Brand	S39-P5X §	RRX	3.9	R	None						
NK Brand	S42-B9XS §	RRX,ST	4.2	R	CCB,Me						
NK Brand	S43-V3X §	RRX	4.3	R	CCB,Me						
Pioneer	P36T86R §	RR	3.6	R	None						
Pioneer	P39T28X §	RRX	3.9	R	EE,G,IL,Lu						
Pioneer	P42A52X §	RRX	4.2	R	None						
Seed Consultants	SC 8358X	RRX	3.5	R	TT,Lu						
Seed Consultants	SC 8379X	RRX	3.7	R	TT,IL						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.