

2018 Soybean Top 30 Harvest Report
 Delaware Maryland North [DMNO] QUANTICO
 Ron Mulford, Wicomico County, MD 21856



PREV. CROP/HERB: Corn / Acuron
 SOIL DESCRIPTION: Loamy sand, moderately drained, non-irrigated
 SOIL CONDITIONS: Medium P, high K, 6.1 pH, 2.0% OM, 6.2 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, Raptor
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 16 155,000 /A 30" Spacing
 HARVESTED - STAND: Nov 21 113,800 /A

All-Season Test
Maturity Group 3.4 - 4.3
 S2018DMNO03

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
Hubner	H43-27R2X	RRX,ST	4.3	R	64.1	16.1	3	122.0	\$513	1
Pioneer	P42A52X §	RRX	4.2	R	61.8	16.7	4	123.9	\$494	2
Local Seed Co.	LS3976X	RRX	3.9	R	61.3	15.3	4	120.0	\$491	3
Credenz	CZ3841LL	LL	3.8	R	61.0	16.1	6	108.4	\$488	4
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	60.8	15.7	4	116.2	\$487	5
Credenz	CZ3601LL	LL	3.6	R	60.8	15.7	6	91.0	\$487	6
NK Brand	S39-P5X §	RRX	3.9	R	60.7	16.0	9	125.8	\$486	7
NK Brand	S42-B9XS §	RRX,ST	4.2	R	60.2	16.5	1	104.5	\$481	8
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	59.2	15.6	4	106.5	\$474	9
Asgrow	AG43X7 §	RRX,ST	4.3	R	59.2	16.1	5	127.8	\$473	10
Seed Consultants	SC 8379X	RRX	3.7	R	59.2	16.3	6	118.1	\$473	11
Pioneer	P39T28X §	RRX	3.9	R	58.9	15.3	1	122.0	\$472	12
Great Heart	GT-4231XS	RRX,ST	4.2	R	58.7	16.6	7	141.3	\$469	13
NK Brand	S43-V3X §	RRX	4.3	R	57.8	16.6	3	116.2	\$462	14
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	57.5	15.7	7	98.7	\$460	15
Doebblers	RPM 42X9	RRX,ST	4.2	R	57.0	16.2	3	116.2	\$456	16
Credenz	CZ4308LL	LL	4.3	MR	55.8	15.6	7	108.4	\$447	17
Pioneer	P36T86R §	RR	3.6	R	55.4	15.8	6	102.6	\$443	18
Credenz	CZ4222LL	LL	4.2	MR	55.3	16.1	5	141.3	\$442	19
Credenz	CZ4105LL	LL	4.1	R	54.9	15.7	2	122.0	\$440	20
Hubner	H42-28R2X	RRX,ST	4.2	R	54.6	15.3	3	114.2	\$438	21
Local Seed Co.	LS4458XS	RRX,ST	4.4	R	54.6	16.6	6	127.8	\$436	22
Armor	X43D43	RRX	4.3	R	54.4	16.6	6	122.0	\$435	23
Armor	39-D39	RRX	3.9	R	54.2	16.6	3	122.0	\$433	24
Seed Consultants	SC 8358X	RRX	3.5	R	53.4	16.0	5	127.8	\$427	25
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	52.6	15.7	3	87.1	\$421	26
Armor	35-D20	RRX	3.5	R	52.0	15.9	8	100.7	\$416	27
Great Heart	GT-404CLL	LL	4.0	R	51.1	15.8	4	91.0	\$409	28
Armor	X40D85	RRX	4.0	R	50.9	15.4	6	110.4	\$408	29
Doebblers	RPM 40R8	RR	4.0	R	50.6	15.4	1	110.4	\$405	30

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Averages =	55.6	16.0	5	113.8	\$445
LSD (0.10) =	4.4	0.1	2.6		
LSD (0.25) =	2.3	0.1	1.4		
C.V. =	7.5				

New test site, no yield history

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

TEST COMMENTS: *Wet soil conditions at planting and wet soil conditions at harvest. This year had above average rainfall and made it a challenge to perform any field task. Fall panicum came in late and caused some yield decrease. Overall plot rating is 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.

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.