

2018 Soybean Top 30 Performance Summary for Delaware Maryland North [DMNO]



All-Season Test

Maturity Group 3.4 - 4.3

Top 30 of 36

S2018DMNO

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Chestertown		Quantico
										\$/Acre	Rank	Preston	Westminster	
Hubner	H43-27R2X	RRX,ST	4.3	R	60.0	35.6	18.3	15.0	6	\$481	1	56.6	59.4	64.1
Pioneer	P42A52X §	RRX	4.2	R	59.7	34.7	19.0	15.4	8	\$478	2	59.7	57.7	61.8
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	59.2	35.6	19.3	14.7	6	\$475	3	54.3	62.4	60.8
Credenz	CZ3601LL	LL	3.6	R	59.1	35.1	19.8	14.9	5	\$474	4	55.5	61.1	60.8
Local Seed Co.	LS3976X	RRX	3.9	R	58.8	35.5	19.3	14.7	4	\$472	5	56.4	58.7	61.3
NK Brand	S42-B9XS §	RRX,ST	4.2	R	58.4	34.7	19.5	15.8	1	\$467	6	54.9	60.2	60.2
Credenz	CZ3841LL	LL	3.8	R	58.2	35.5	19.5	15.7	9	\$466	7	55.7	58.0	61.0
Great Heart	GT-4231XS	RRX,ST	4.2	R	58.0	35.6	19.1	15.3	6	\$465	8	53.8	61.5	58.7
Hubner	H42-28R2X	RRX,ST	4.2	R	57.7	35.4	18.6	14.6	3	\$463	9	59.5	59.0	54.6
Doebler	RPM 40R8	RR	4.0	R	57.1	35.9	19.5	14.7	2	\$458	10	57.5	63.1	50.6
NK Brand	S43-V3X §	RRX	4.3	R	57.1	33.9	19.7	15.6	4	\$457	11	56.9	56.6	57.8
Doebler	RPM 42X9	RRX,ST	4.2	R	57.1	35.1	19.2	15.8	6	\$457	12	53.8	60.4	57.0
NK Brand	S39-P5X §	RRX	3.9	R	56.5	35.0	19.6	14.9	7	\$453	13	53.7	55.0	60.7
Asgrow	AG43X7 §	RRX,ST	4.3	R	56.0	35.8	18.3	15.3	9	\$449	14	52.8	56.1	59.2
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	55.8	35.8	19.0	14.8	8	\$448	15	51.6	56.5	59.2
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	55.8	36.1	19.3	15.4	6	\$447	16	56.5	61.0	50.0
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	55.6	35.7	19.3	15.0	3	\$446	17	57.2	56.9	52.6
Credenz	CZ4222LL	LL	4.2	MR	55.2	35.3	19.3	15.2	7	\$442	18	54.9	55.4	55.3
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	54.8	35.7	19.4	14.8	6	\$440	19	51.6	55.4	57.5
Local Seed Co.	LS4458XS	RRX,ST	4.4	R	54.5	35.8	18.3	15.4	5	\$437	20	52.9	56.1	54.6
Pioneer	P39T28X §	RRX	3.9	R	54.3	36.1	19.4	15.0	2	\$435	21	51.6	52.4	58.9
Armor	X43D43	RRX	4.3	R	54.1	36.1	18.9	15.7	7	\$433	22	53.4	54.6	54.4
Credenz	CZ4308LL	LL	4.3	MR	53.7	35.9	20.1	14.8	6	\$431	23	54.0	51.2	55.8
Credenz	CZ4105LL	LL	4.1	R	53.4	36.9	18.9	15.1	2	\$428	24	47.9	57.4	54.9
Armor	39-D39	RRX	3.9	R	53.1	35.7	19.0	15.9	4	\$425	25	50.1	55.0	54.2
Asgrow	AG38X8 §	RRX	3.8	R	52.9	35.6	19.3	14.9	3	\$424	26	54.8	54.2	49.6
Seed Consultants	SC 8379X	RRX	3.7	R	52.9	36.3	19.1	15.6	5	\$424	27	48.0	51.5	59.2
Great Heart	GT-404CLL	LL	4.0	R	52.8	36.2	19.5	15.2	3	\$423	28	49.7	57.6	51.1
Hubner	H38-27R2X	RRX	3.8	R	52.5	35.5	19.0	15.4	7	\$421	29	52.0	55.1	50.5
Asgrow	AG36X6 §	RRX	3.6	R	52.4	35.8	19.2	15.1	3	\$420	30	54.1	53.0	50.0

Abandoned - severe herbicide damage

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Averages =	55.0	35.6	19.2	15.2	5	\$440	53.3	56.0	55.6
LSD (0.10) =	3.3	0.8	0.5	0.3	3		3.8	3.8	4.4
LSD (0.25) =	1.7	0.4	0.3	0.2	1		2.0	2.0	2.3

Previous years average yield for region, 55.4 bu/a, 15 yrs

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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Report Date: 11/26/2018 Revised: 12/6/2018 Protein and oil results added

2018 Soybean - Delaware Maryland North [DMNO]



All-Season Test Products (36 Total)

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
Doebblers	RPM 40R8	RR	4.0	R	DPHB,Lu
Doebblers	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/X	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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

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	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.