

Test by: M.A.I.T.S. Mount Joy, PA

## 2019 Soybeans Top 30 Harvest Report

Delaware Maryland North [DMNO] QUANTICO, MD  
Ron Mulford, Wicomico County, MD 21856

<b>All-Season Test</b>	3.7 - 4.7 Day CRM S2019DMNO02
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron
<b>SOIL DESCRIPTION:</b>	loamy sand, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 5.8 pH, 2.6% OM, 5.8 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Mustang Max, Classic, Assure
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 4 165.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Nov 8 153.5 /A

### TEST COMMENTS:

*Planting conditions were wet but emergence was good. Deer pressure was hard on this plot. Overall rating of the plot is a 6 out of 10. (10=best)*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ASGROW	AG43X0	RRX,ST	4.3	R	<b>55.8</b>	14.3	3	153.3	446	1
STINE	39EA02	E3	3.9	R	<b>51.6</b>	14.1	1	151.0	413	2
LOCAL SEED CO.	LC4299XS	RRX,ST	4.2	R	<b>51.6</b>	14.1	1	155.7	413	3
MID-ATLANTIC	MAS4200GT/LL/STS	LG27	4.2	n/a	<b>51.6</b>	14.7	1	158.0	412	4
HUBNER	H43-27R2X	RRX,ST	4.3	R	<b>50.9</b>	14.3	1	153.3	407	5
LOCAL SEED CO.	ZS3898E3S	E3,ST	3.8	R	<b>50.9</b>	15.1	1	151.0	406	6
MID-ATLANTIC	MAS3718RR2/X	RRX	3.7	R	50.1	15.2	1	151.0	400	7
SEED CONSULTANTS	SC 8439X	RRX	4.3	R	49.9	14.2	1	155.6	399	8
MID-ATLANTIC	MAS4550GT/LL/STS	LG27	4.5	n/a	49.8	14.8	1	165.0	398	9
ARMOR	44-D92	RRX,ST	4.4	MR	49.3	14.5	1	153.3	394	10
PIONEER	P46A45PR GC	RR	4.6	NA	48.0	15.0	1	155.7	383	11
ARMOR	X46D09	RRX,ST	4.6	MR	47.9	14.1	2	153.3	383	12
CREDENZ	CZ4240GTLL	LG27	4.2	MR	47.5	14.4	1	151.0	380	13
NK BRAND	S39-G2X	RRX	3.9	R	47.4	14.8	1	148.7	378	14
ARMOR	42-D27	RRX,ST	4.2	R	47.4	15.0	2	162.6	378	15
STINE	41EA12	E3	4.1	R	47.1	14.6	1	146.4	376	16
NK BRAND	S44-C7X	RRX	4.4	R	47.1	14.9	2	153.3	376	17
HUBNER	H40-29R2X	RRX	4.0	R	46.1	13.7	1	151.0	369	18
LOCAL SEED CO.	ZS3797GL	LG27	3.7	R	45.8	15.0	1	158.0	365	19
STINE	41GA02	LG27	4.1	R	45.5	14.3	1	155.7	364	20
LOCAL SEED CO.	LS4565XS	RRX,ST	4.5	MR	45.2	13.4	2	158.0	362	21
HUBNER	H46-29R2X	RRX,ST	4.6	R	45.1	14.4	2	160.3	360	22
ASGROW	AG47X9	RRX	4.7	R	44.1	14.2	1	155.7	353	23
HUBNER	H42-28R2X	RRX,ST	4.2	R	43.8	14.0	1	144.0	350	24
SEED CONSULTANTS	SC 8459X	RRX	4.5	MR	43.8	14.5	2	144.0	350	25
MID-ATLANTIC	MAS4675E3/STS	E3	4.6	n/a	43.1	14.6	1	151.0	344	26
LOCAL SEED CO.	LS4487XS	RRX,ST	4.4	MR	42.7	14.1	1	144.0	342	27
LOCAL SEED CO.	ZS4295GLS	LG27,ST	4.2	R	42.5	14.8	1	155.7	339	28
SEED CONSULTANTS	SC 9469BR	RR,ST	4.4	MR	42.4	15.3	2	162.6	338	29
CREDENZ	CZ 4539GTLL	LG27	4.5	R	41.3	14.8	1	148.7	330	30

*Robin Kauffman*

Rob Kauffman

rob.kauffman@firstseedtests.info, (717) 413-0763

Averages = **44.8** **14.6** **1** **153.5** **358**

LSD (0.10) = 5.8 0.4 ns

LSD (0.25) = 3.0 0.2 ns

C.V. = 12.3

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.02

## 2019 Soybeans - Delaware Maryland North [ DMNO ]

### All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	42-D27	RRX,ST	R	4.2
ARMOR	44-D92	RRX,ST	MR	4.4
ARMOR	X38D53	RRX	MR	3.8
ARMOR	X46D09	RRX,ST	MR	4.6
ASGROW	AG38X8	RRX	R	3.8
ASGROW	AG43X0	RRX,ST	R	4.3
ASGROW	AG47X9	RRX	R	4.7
CREDENZ	CZ 3750GTLL	LG27	MR	3.7
CREDENZ	CZ 3929GTLL	LG27	R	3.9
CREDENZ	CZ4240GTLL	LG27	MR	4.2
CREDENZ	CZ 4539GTLL	LG27	R	4.5
CREDENZ	CZ 4610GTLL	LG27	MR	4.6
HUBNER	H39-28R2X	RRX	R	3.9
HUBNER	H40-29R2X	RRX	R	4.0
HUBNER	H42-28R2X	RRX,ST	R	4.2
HUBNER	H43-27R2X	RRX,ST	R	4.3
HUBNER	H46-29R2X	RRX,ST	R	4.6
LOCAL SEED CO.	LC4299XS	RRX,ST	R	4.2
LOCAL SEED CO.	LS4487XS	RRX,ST	MR	4.4
LOCAL SEED CO.	LS4565XS	RRX,ST	MR	4.5
LOCAL SEED CO.	ZS3797GL	LG27	R	3.7
LOCAL SEED CO.	ZS3898E3S	E3,ST	R	3.8
LOCAL SEED CO.	ZS4295GLS	LG27,ST	R	4.2
MID-ATLANTIC	MAS3718RR2/X	RRX	R	3.7
MID-ATLANTIC	MAS3818GT/LL/STS	LG27	NA	3.8
MID-ATLANTIC	MAS4200GT/LL/STS	LG27	NA	4.2
MID-ATLANTIC	MAS4519E3/STS	E3	NA	4.5
MID-ATLANTIC	MAS4550GT/LL/STS	LG27	NA	4.5
MID-ATLANTIC	MAS4675E3/STS	E3	NA	4.6
NK BRAND	S35-K9X	RRX	R	3.5
NK BRAND	S39-G2X	RRX	R	3.9
NK BRAND	S44-C7X	RRX	R	4.4
PIONEER	P33A81PR GC	RR	NA	3.3
PIONEER	P46A45PR GC	RR	NA	4.6
SEED CONSULTANTS	SC 8379X	RRX	R	3.7
SEED CONSULTANTS	SC 8399X	RRX	R	3.9

Company/Brand	Brand/Product	Technology	RM	SCN
SEED CONSULTANTS	SC 8439X	RRX	R	4.3
SEED CONSULTANTS	SC 8459X	RRX	MR	4.5
SEED CONSULTANTS	SC 9469BR	RR,ST	MR	4.4
STINE	39EA02	E3	R	3.9
STINE	41EA12	E3	R	4.1
STINE	41GA02	LG27	R	4.1

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Cyst Nematode (SCN) Resistance Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist E3™
LG27 or G27	LibertyLink® 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

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