

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

2019 Soybeans Top 30 Harvest Report

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

All-Season Test	3.7 - 4.7 Day CRM S2019DMNO04
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Oats / NA
SOIL DESCRIPTION:	sandy loam, moderately drained, non-irrigated
SOIL CONDITION:	low P, low K, 5.7 pH, 2.0% OM, 5.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Mustang Max, Glyphosate
Applied N-P-K (units):	60-45-75
SEDED - RATE - ROW:	Jun 1 160.0 /A 30" spacing
HARVESTED - STAND:	Nov 19 127.7 /A

TEST COMMENTS:

Good planting conditions and excellent early rains got the plot looking good through July. August, September and early October turned hot and dry and really limited yields. Pod numbers were down slightly, but bean size was very small. Standability was good for all varieties. Overall rating of the plot is 7 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
LOCAL SEED CO.	LC4299XS	RRX,ST	4.2	R	51.1	13.0	3	129.0	428	1
HUBNER	H43-27R2X	RRX,ST	4.3	R	50.3	12.4	1	130.7	421	2
MID-ATLANTIC	MAS3718RR2/X	RRX	3.7	R	50.3	13.1	4	127.2	420	3
ASGROW	AG43X0	RRX,ST	4.3	R	50.1	13.5	3	134.2	419	4
HUBNER	H42-28R2X	RRX,ST	4.2	R	49.5	12.8	1	130.7	414	5
NK BRAND	S39-G2X	RRX	3.9	R	49.3	12.9	3	120.3	413	6
SEED CONSULTANTS	SC 9469BR	RR,ST	4.4	MR	48.5	14.4	3	132.4	405	7
NK BRAND	S44-C7X	RRX	4.4	R	47.8	13.3	1	134.2	400	8
STINE	39EA02	E3	3.9	R	47.4	12.5	1	130.7	397	9
MID-ATLANTIC	MAS4200GT/LL/STS	LG27	4.2	n/a	47.2	13.0	1	132.4	395	10
SEED CONSULTANTS	SC 8399X	RRX	3.9	R	47.2	13.0	3	125.5	394	11
PIONEER	P46A45PR GC	RR	4.6	NA	47.0	12.9	4	134.2	393	12
MID-ATLANTIC	MAS4675E3/STS	E3	4.6	n/a	46.7	13.6	4	132.4	390	13
CREDENZ	CZ 3929GTLL	LG27	3.9	R	46.6	12.0	3	132.4	389	14
ARMOR	42-D27	RRX,ST	4.2	R	46.6	12.9	4	134.2	389	15
CREDENZ	CZ 4539GTLL	LG27	4.5	R	46.1	13.4	1	125.5	385	16
LOCAL SEED CO.	ZS4295GLS	LG27,ST	4.2	R	46.1	13.2	1	125.5	385	17
STINE	41EA12	E3	4.1	R	45.9	13.4	1	123.8	384	18
SEED CONSULTANTS	SC 8379X	RRX	3.7	R	45.5	11.7	4	125.5	381	19
MID-ATLANTIC	MAS4519E3/STS	E3	4.5	n/a	45.5	13.7	3	127.2	380	20
STINE	41GA02	LG27	4.1	R	45.4	12.4	3	125.5	380	21
SEED CONSULTANTS	SC 8459X	RRX	4.5	MR	45.3	14.2	3	129.0	377	22
LOCAL SEED CO.	LS4565XS	RRX,ST	4.5	MR	44.7	12.8	3	128.9	374	23
HUBNER	H39-28R2X	RRX	3.9	R	44.5	12.9	1	134.2	372	24
HUBNER	H40-29R2X	RRX	4.0	R	44.1	13.2	1	123.7	368	25
SEED CONSULTANTS	SC 8439X	RRX	4.3	R	43.4	12.9	4	127.2	363	26
NK BRAND	S35-K9X	RRX	3.5	R	43.2	13.2	4	120.3	361	27
PIONEER	P33A81PR GC	RR	3.3	NA	43.1	13.1	3	120.3	361	28
ARMOR	44-D92	RRX,ST	4.4	MR	42.6	14.2	3	134.2	355	29
ASGROW	AG38X8	RRX	3.8	R	42.4	12.7	1	125.5	355	30

Robin Kauffman

Rob Kauffman

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

Averages =	44.9	13.1	2	127.7	375
LSD (0.10) =	4.6	0.6	ns		
LSD (0.25) =	2.4	0.3	ns		
C.V. =	7.8				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.37

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

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

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

Soybeans Technologies*

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
