

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

2019 Soybeans Top 30 Harvest Report

Delaware Maryland North [DMNO] WESTMINSTER, MD
Doug Armagost, Carroll County, MD 21155

All-Season Test	3.7 - 4.7 Day CRM S2019DMNO03
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup, Acuron, Capreno, atrazine
SOIL DESCRIPTION:	sandy clay loam, non-irrigated
SOIL CONDITION:	high P, medium K, 6.0 pH, 3.2% OM, None CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Durango, 24-D, Broadaxe, Dimetric, Headline, Lorsban, Mustang Max
Applied N-P-K (units):	16-80-80
SEDED - RATE - ROW:	Jun 7 165.0 /A 30" spacing
HARVESTED - STAND:	Nov 30 118.0 /A

TEST COMMENTS:

Planting conditions were ideal and emergence was good. The plot did have some severe lodging ratings due to the excellent growing season and being planted in 30 inch rows. Overall rating of the plot is 8 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
HUBNER	H46-29R2X	RRX,ST	4.6	R	75.9	12.2	14	118.5	609	1
LOCAL SEED CO.	ZS4295GLS	LG27,ST	4.2	R	74.9	12.2	5	116.2	601	2
MID-ATLANTIC	MAS4200GT/LL/STS	LG27	4.2	n/a	71.6	12.6	4	122.0	574	3
ASGROW	AG43X0	RRX,ST	4.3	R	69.0	12.3	6	116.2	553	4
MID-ATLANTIC	MAS4675E3/STS	E3	4.6	n/a	68.0	12.6	19	119.7	545	5
SEED CONSULTANTS	SC 9469BR	RR,ST	4.4	MR	67.1	12.6	20	120.8	538	6
MID-ATLANTIC	MAS3818GT/LL/STS	LG27	3.8	n/a	64.5	12.7	38	116.2	517	7
LOCAL SEED CO.	LC4299XS	RRX,ST	4.2	R	63.9	12.4	10	119.7	512	8
HUBNER	H43-27R2X	RRX,ST	4.3	R	63.9	12.4	14	113.8	512	9
ARMOR	44-D92	RRX,ST	4.4	MR	63.9	12.3	7	109.2	512	10
HUBNER	H42-28R2X	RRX,ST	4.2	R	63.3	12.1	6	116.2	508	11
CREDENZ	CZ4240GTLL	LG27	4.2	MR	62.8	12.8	4	119.7	504	12
NK BRAND	S39-G2X	RRX	3.9	R	62.5	12.9	14	120.8	501	13
NK BRAND	S44-C7X	RRX	4.4	R	62.0	12.6	11	118.5	497	14
MID-ATLANTIC	MAS4519E3/STS	E3	4.5	n/a	61.3	12.6	8	116.2	492	15
PIONEER	P46A45PR GC	RR	4.6	NA	60.7	13.0	12	119.7	487	16
ARMOR	42-D27	RRX,ST	4.2	R	60.3	12.6	16	123.1	484	17
STINE	39EA02	E3	3.9	R	59.6	13.2	39	113.8	478	18
CREDENZ	CZ 4610GTLL	LG27	4.6	MR	59.5	13.0	23	119.7	477	19
SEED CONSULTANTS	SC 8399X	RRX	3.9	R	59.5	13.4	28	124.3	477	20
LOCAL SEED CO.	ZS3797GL	LG27	3.7	R	58.9	13.0	32	118.5	472	21
MID-ATLANTIC	MAS4550GT/LL/STS	LG27	4.5	n/a	58.7	12.7	22	123.2	471	22
SEED CONSULTANTS	SC 8459X	RRX	4.5	MR	58.4	13.2	19	116.2	468	23
MID-ATLANTIC	MAS3718RR2/X	RRX	3.7	R	58.3	12.6	32	119.7	468	24
SEED CONSULTANTS	SC 8439X	RRX	4.3	R	57.6	12.8	29	113.8	462	25
LOCAL SEED CO.	LS4487XS	RRX,ST	4.4	MR	56.6	13.2	22	115.0	454	26
LOCAL SEED CO.	ZS3898E3S	E3,ST	3.8	R	56.4	13.1	39	113.8	452	27
ARMOR	X46D09	RRX,ST	4.6	MR	56.0	12.6	7	120.8	449	28
CREDENZ	CZ 4539GTLL	LG27	4.5	R	55.6	13.0	11	119.7	446	29
NK BRAND	S35-K9X	RRX	3.5	R	55.1	12.4	34	119.7	442	30

Robin Kauffman

Rob Kauffman

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

Averages =	59.2	12.7	21	118.0	474
LSD (0.10) =	5.4	0.4	12		
LSD (0.25) =	2.9	0.2	6		
C.V. =	8.7				

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

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
