

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

2020 Soybeans Top 30 Harvest Report

Delaware Maryland North [DMNO] PRESTON-DOUBLE CROP,
MD

Roger Schmick, Caroline County, MD 21655

All-Season Test

3.7 - 4.7 Day CRM
S2020DMNO04

Top 30 of 48

For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB:

Rye / NA

SOIL DESCRIPTION:

sandy loam, mod. well drained,
irrigated

SOIL CONDITION:

very high P, medium K, 6.1 pH,
1.6% OM, 3.8 CEC

TILLAGE/CULTIVATION:

No-Till

PEST MANAGEMENT:

Zidua, Glyphosate

Applied N-P-K (units):

0-0-0

SEEDED - RATE - ROW:

Jun 29 165.0 /A 15" spacing

HARVESTED - STAND:

Nov 28 147.9 /A

TEST COMMENTS:

This was a double-crop soybean plot planted after triticale. Stands were good, there was excellent soil moisture at planting and good rainfall for most of the season. Irrigation was used only a few times through the season. Some deer damage was noticed at one end of the plot thus resulting in lower yields. Soybeans were still in good shape at harvest, with no shattering and disease was low and bean quality was excellent. The overall rating of the plot is a 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
ASGROW	AG42X9 §	RRX	4.2	R	62.0	14.3	7	132.0	700	1
SEED CONSULTANTS	SC 7390E	E3	3.9	NA	62.0	15.3	2	157.7	699	2
CREDENZ	CZ 4241GTLL	LLGT27	4.2	NA	60.3	15.5	6	155.3	680	3
MORSOY	MS 4846	RRX	4.8	R	59.2	14.8	4	143.7	668	4
STINE	46EB22 §	E3	4.6	R	59.1	15.2	1	150.7	666	5
LOCAL SEED	ZS4694E3S	E3	4.6	R	58.2	14.9	5	148.3	657	6
LOCAL SEED	LS4795XS	RRX,ST	4.7	R	57.9	14.9	2	146.0	653	7
CREDENZ	CZ 3930GTLL	LLGT27	3.9	MR	57.6	16.0	7	150.7	649	8
NK BRAND	S39-G2X §	RRX	3.9	R	57.2	15.5	6	150.7	645	9
LOCAL SEED	LS4706GL	LLGT27	4.7	R	57.2	15.6	2	139.0	645	10
LOCAL SEED	LS4607XS	RRX,ST	4.6	R	57.2	15.6	4	155.3	645	11
SEED CONSULTANTS	SC 7461E	E3	4.6	NA	56.9	14.8	3	141.3	642	12
MORSOY	MS 4800	E3	4.8	R	56.6	15.8	2	153.0	638	13
CREDENZ	CZ 3840GTLL	LLGT27	3.8	MR	56.6	15.4	4	148.3	638	14
HUBNER	H46-29R2X	RRX	4.6	R	56.5	15.3	3	141.3	637	15
NK BRAND	S37-2E3S §	E3,ST	3.7	MR	55.8	15.2	2	143.7	629	16
CHEMGRO	C3751RXS	RRX,ST	3.7	R	55.8	15.1	6	153.0	629	17
PIONEER	P48A60X §	RRX	3.8	NA	55.3	15.6	7	141.3	623	18
LG SEEDS	LGS4632RX	RRX	4.6	NA	54.0	15.8	14	150.7	608	19
PIONEER	P42A96X §	RRX	4.2	MR	53.9	15.2	1	150.7	608	20
CREDENZ	CZ 4410GTLL	LLGT27	4.4	R	53.9	16.2	6	148.3	607	21
STINE	40EB22 §	E3	4.0	R	53.1	15.9	1	148.3	598	22
SEED CONSULTANTS	SC 7421E	E3	4.2	NA	53.0	15.1	4	136.7	598	23
LOCAL SEED	LS3906GL	LLGT27	3.9	R	52.9	15.7	6	139.0	596	24
PIONEER	P39A58X §	RRX	3.9	R	52.8	14.6	3	150.7	596	25
MORSOY	MS 3907	RRX	3.9	R	52.8	15.1	4	160.0	596	26
HUBNER	H42-28R2X	RRX	4.2	R	52.5	14.6	3	153.0	593	27
MID-ATLANTIC	MAS4666GT	GT	4.6	NA	52.0	15.2	11	146.0	586	28
CREDENZ	CZ 4539GTLL	LLGT27	4.5	R	51.6	14.9	4	150.7	582	29
MID-ATLANTIC	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	51.0	15.3	5	150.7	575	30

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Averages = **52.8** **15.3** **5** **147.9** **596**

LSD (0.10) = 6.1 ns 5

LSD (0.25) = 3.2 ns 2

C.V. = 11.0

Historic yield: new site

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$11.32

Report Date: 11/30/2020

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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2020 Soybeans - Delaware Maryland North [DMNO]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
ASGROW	AG38X8 §	RRX	R	3.8	NA
ASGROW	AG39X7 §	RRX,ST	R	3.9	ASfi,IL
ASGROW	AG42X9 §	RRX	R	4.2	ASfi,IL
CHEMGRO	C3751RXS	RRX,ST	R	3.7	En
CHEMGRO	C3753E	E3	R	3.7	En
CREDENZ	CZ 3519GTLL	LLGT27	MR	3.5	PV,IL,OB
CREDENZ	CZ 3840GTLL	LLGT27	MR	3.8	PV,IL,OB
CREDENZ	CZ 3930GTLL	LLGT27	MR	3.9	PV,IL,OB
CREDENZ	CZ 4240GTLL	LLGT27	MR	4.2	PV,IL,OB
CREDENZ	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
CREDENZ	CZ 4410GTLL	LLGT27	R	4.4	PV,IL,OB
CREDENZ	CZ 4539GTLL	LLGT27	R	4.5	PV,IL,OB
HUBNER	H40-29R2X	RRX	R	4.0	AC
HUBNER	H42-28R2X	RRX	R	4.2	AC
HUBNER	H43-27R2X	RRX	R	4.3	AC
HUBNER	H46-29R2X	RRX	R	4.6	AC
LG SEEDS	LGS3840RX	RRX	NA	3.8	ASfi,IL
LG SEEDS	LGS4632RX	RRX	NA	4.6	ASfi,IL
LOCAL SEED	LS3906GL	LLGT27	R	3.9	RP
LOCAL SEED	LS3976X	RRX	R	3.9	RP
LOCAL SEED	LS4299XS	RRX,ST	R	4.2	RP
LOCAL SEED	LS4407X	RRX	R	4.4	RP
LOCAL SEED	LS4607XS	RRX,ST	R	4.6	RP
LOCAL SEED	LS4706GL	LLGT27	R	4.7	RP
LOCAL SEED	LS4795XS	RRX,ST	R	4.7	RP
LOCAL SEED	ZS4694E3S	E3	R	4.6	RP
MID-ATLANTIC	MAS4077GT/STS	RR,ST	NA	4.0	PS
MID-ATLANTIC	MAS4355NRR2/STS	RR2Y,ST	MR	4.3	PS
MID-ATLANTIC	MAS4666GT	GT	NA	4.6	PS
MORSOY	MS 3907	RRX	R	3.9	PS
MORSOY	MS 4616	RRX	R	4.6	PS
MORSOY	MS 4800	E3	R	4.8	PS
MORSOY	MS 4846	RRX	R	4.8	PS
NK BRAND	S33-D7X	RRX	R	3.3	CMBV,SA
NK BRAND	S35-K9X §	RRX	R	3.5	CMBV,SA
NK BRAND	S37-2E3S §	E3,ST	MR	3.7	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
NK BRAND	S39-G2X §	RRX	R	3.9	CMBV,SA
PIONEER	P39A58X §	RRX	R	3.9	Untreated
PIONEER	P42A96X §	RRX	MR	4.2	Untreated
PIONEER	P48A60X §	RRX	NA	3.8	Untreated
SEED CONSULTANTS	SC 7381E	E3	NA	3.8	Lum,IL
SEED CONSULTANTS	SC 7390E	E3	NA	3.9	Lum,IL
SEED CONSULTANTS	SC 7421E	E3	NA	4.2	Lum,IL
SEED CONSULTANTS	SC 7461E	E3	NA	4.6	Lum,IL
SEED CONSULTANTS	SC 8459X	RRX	MR	4.5	Lum,IL
STINE	40EB22 §	E3	R	4.0	VFI,SA
STINE	43EB20 §	E3	R	4.3	VFI,SA
STINE	46EB22 §	E3	R	4.6	VFI,SA

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
GT	Agrisure® GT
LLGT27	LibertyLink® GT27®
RR	Roundup Ready®
RR2Y	Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments**

NA	Not Available
AC	Acceleron® treatment
ASfi,IL	AgriShield F+I, ILeVO, inoculant
CMBV,SA	Cruisermaxx, Vibrance, Saltro
En	Encase, Excalibre-SA™
Lum,IL	LumiGEN™ plus ILeVO
PS	MAS Pro-Shield
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
Untreated	No seed treatment
VFI,SA	Virile Fungicide+Insecticide, Saltro (BCS Consulting)

** Seed treatments may include unspecified plant health promoting components.