

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

2020 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 S2020DMNO01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Capreno, Atrazine
SOIL DESCRIPTION:	silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.4 pH, 2.8% OM, 7.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Durango, Broadaxe, 2,4-D, Dimetric, Credit X-Tra
Applied N-P-K (units):	19-91-210
SEEDED - RATE - ROW:	May 29 165.0 /A 15" spacing
HARVESTED - STAND:	Nov 9 152.3 /A

TEST COMMENTS:

Planting conditions were excellent. Soil temperature and moisture were good. There was uniform emergence and stands were very consistent. Weed control was excellent as well. Summer was hot but showers seemed to come when needed. Bean quality was good, no purple stain, and seed size was good. The overall rating of the plot is an 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
NK BRAND	S39-G2X §	RRX	3.9	R	79.7	12.6	6	150.7	828	1
STINE	46EB22 §	E3	4.6	R	79.5	11.9	4	162.3	826	2
MID-ATLANTIC	MAS4666GT	GT	4.6	NA	79.5	11.9	10	143.7	826	3
MID-ATLANTIC	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	78.1	12.2	10	160.0	811	4
HUBNER	H40-29R2X	RRX	4.0	R	77.3	12.1	6	97.3	803	5
MORSOY	MS 4846	RRX	4.8	R	76.5	12.2	4	153.0	795	6
CREDENZ	CZ 4241GTLL	LLGT27	4.2	NA	76.0	12.4	4	157.7	790	7
HUBNER	H43-27R2X	RRX	4.3	R	75.3	12.6	11	148.3	782	8
SEED CONSULTANTS	SC 7461E	E3	4.6	NA	75.2	12.6	6	153.0	781	9
SEED CONSULTANTS	SC 7421E	E3	4.2	NA	75.0	12.2	4	153.0	779	10
CREDENZ	CZ 3930GTLL	LLGT27	3.9	MR	74.7	12.2	7	155.3	776	11
LOCAL SEED	ZS4694E3S	E3	4.6	R	74.6	12.1	7	153.0	775	12
LOCAL SEED	LS3976X	RRX	3.9	R	74.0	12.0	8	153.0	769	13
NK BRAND	S37-2E3S §	E3,ST	3.7	MR	73.8	12.8	7	160.0	767	14
HUBNER	H42-28R2X	RRX	4.2	R	73.8	12.1	5	155.3	767	15
CREDENZ	CZ 3519GTLL	LLGT27	3.5	MR	73.7	12.2	7	160.0	766	16
MORSOY	MS 3907	RRX	3.9	R	73.6	12.6	4	167.0	765	17
CREDENZ	CZ 4539GTLL	LLGT27	4.5	R	73.5	12.2	2	148.3	764	18
LOCAL SEED	LS4299XS	RRX,ST	4.2	R	73.4	12.5	11	155.3	763	19
CREDENZ	CZ 3840GTLL	LLGT27	3.8	MR	73.3	12.6	6	164.7	762	20
CHEMGRO	C3753E	E3	3.7	R	73.2	12.5	8	153.0	761	21
LOCAL SEED	LS4607XS	RRX,ST	4.6	R	73.0	12.4	13	155.3	758	22
LOCAL SEED	LS4407X	RRX	4.4	R	72.9	12.4	14	160.0	757	23
SEED CONSULTANTS	SC 7390E	E3	3.9	NA	72.6	12.4	5	157.7	754	24
MID-ATLANTIC	MAS4077GT/STS	RR,ST	4.0	NA	72.6	12.4	10	160.0	754	25
NK BRAND	S35-K9X §	RRX	3.5	R	72.5	12.3	4	155.3	753	26
STINE	40EB22 §	E3	4.0	R	72.4	11.9	7	141.3	752	27
LOCAL SEED	LS4706GL	LLGT27	4.7	R	72.2	12.3	6	160.0	750	28
SEED CONSULTANTS	SC 7381E	E3	3.8	NA	71.8	12.1	4	160.0	746	29
MORSOY	MS 4616	RRX	4.6	R	71.8	12.2	7	157.7	746	30

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Averages = **72.4** **12.3** **7** **152.3** **752**

LSD (0.10) = 5.5 ns ns

LSD (0.25) = 2.9 ns ns

C.V. = 7.3

Historic yield: 64.6 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.39

Report Date: 11/10/2020

Additional reports available at www.firstseedtests.com

† 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.