

# 2021 Soybeans Top 30 Performance Summary for Delaware Maryland North [DMNO]



**All-Season Test**  
**Maturity Group 3.7 - 4.7**  
 S2021DMNO

**Top 30 of 60**

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Chestertown	Preston	Princess Anne	Westminster
HUBNER	H47-30XF ↗	RXF	4.7	R	<b>70.5</b>	34.4	19.2	10.9	8	840	1	<b>55.9</b>	<b>69.3</b>	<b>82.0</b>	74.7
XITAVO	XO 4522E ↗	E3,ST	4.5	R	<b>68.7</b>	34.6	19.6	11.8	2	820	2	43.2	64.9	<b>85.7</b>	<b>80.9</b>
STINE	47EE02 § ↗	E3	4.7	R	<b>68.4</b>	<b>35.8</b>	18.5	11.6	5	814	3	<b>56.4</b>	<b>67.0</b>	69.3	<b>80.7</b>
LOCAL SEED	LS4606XFS ↗	RXF	4.6	NA	<b>67.9</b>	33.5	19.4	10.8	8	810	4	51.7	64.8	79.0	<b>76.2</b>
LOCAL SEED	LS4795XS ↗	RRX,ST	4.7	R	<b>67.8</b>	34.7	19.3	11.4	3	809	5	47.4	<b>67.2</b>	80.2	<b>76.6</b>
NK BRAND	NK43-V8XF ↗	RXF	4.3	MR	<b>67.8</b>	33.6	<b>20.1</b>	11.6	5	808	6	<b>53.1</b>	60.9	<b>84.0</b>	73.3
MID-ATLANTIC	MAS4120E3 ↗	E3	4.1	NA	<b>67.8</b>	34.7	<b>20.4</b>	11.5	4	808	7	<b>53.8</b>	60.9	<b>81.6</b>	74.9
MID-ATLANTIC	MAS4021E3 ↗	E3	4.0	NA	<b>67.2</b>	34.2	19.9	11.6	5	799	8	<b>59.4</b>	64.3	75.1	69.9
HUBNER	H48-31XF ↗	RXF	4.8	R	<b>67.0</b>	34.2	18.6	11.6	2	799	9	50.5	65.1	75.7	<b>76.7</b>
PIONEER	P42A96X § ↗	RRX	4.2	MR	<b>67.0</b>	34.4	19.7	11.5	2	798	10	50.0	60.1	79.0	<b>78.8</b>
MID-ATLANTIC	MAS3884GT/LL/STS ↗	LLGT27	3.8	NA	<b>66.8</b>	33.6	19.5	11.8	7	796	11	<b>52.9</b>	<b>66.7</b>	<b>81.1</b>	66.5
XITAVO	XO 4132E ↗	E3	4.1	R	66.0	33.1	<b>20.8</b>	11.5	6	786	12	51.7	61.1	<b>80.6</b>	70.5
UNISOUTH GENETICS	74B58 GC ↗	RR,ST	4.5	R	65.9	33.7	19.9	11.7	1	784	13	<b>53.4</b>	63.8	73.0	73.3
PIONEER	P38A92X § ↗	RRX	3.8	NA	65.8	34.8	19.8	11.5	4	784	14	49.9	57.5	79.6	<b>76.1</b>
LOCAL SEED	LS4517XFS ↗	RXF	4.5	NA	65.8	34.3	19.3	11.6	8	783	15	<b>53.3</b>	63.2	74.4	72.1
SEED GENETICS DIRECT	AGI0743AE GC ↗	E3	4.3	NA	65.6	34.5	<b>20.6</b>	11.7	5	783	16	46.8	<b>68.0</b>	76.7	71.0
XITAVO	XO 4772E ↗	E3	4.7	R	65.3	34.7	19.2	11.7	3	778	17	48.7	64.9	77.6	69.9
SOUTHERN HARVEST	4622 ↗	E3	4.6	S	65.0	33.8	19.7	11.7	2	774	18	50.5	64.4	72.5	72.5
ASGROW	AG47XF0 § ↗	RXF	4.7	R	64.8	33.8	19.6	11.1	2	773	19	43.8	<b>67.5</b>	77.8	70.0
PIONEER	P46T27E § ↗	E3	4.6	NA	64.6	<b>35.5</b>	19.0	11.8	6	769	21	51.4	<b>66.1</b>	71.8	69.0
MID-ATLANTIC	MAS4675E3/STS ↗	E3,ST	4.6	MR	64.5	<b>35.4</b>	19.3	11.9	6	768	22	49.9	65.1	71.1	71.9
LOYAL	L3940E ↗	E3	3.9	R	64.5	33.5	<b>20.9</b>	11.9	3	769	20	46.7	56.6	<b>82.8</b>	71.9
SOUTHERN HARVEST	4022 ↗	E3	4.0	R	64.5	33.2	<b>20.6</b>	11.5	8	768	23	52.4	59.2	78.9	67.4
CREDENZ	CZ 4701GTLL ↗	LLGT27	4.7	R	64.0	<b>35.5</b>	19.1	11.6	2	763	24	43.0	63.3	77.9	71.5
MORSOY	MS 4640F ↗	RXF,ST	4.6	MR	63.6	33.7	19.3	10.9	6	758	25	48.9	63.7	75.2	66.5
SEED CONSULTANTS	SC 7421E ↗	E3	4.2	NA	63.6	35.0	<b>20.1</b>	11.7	8	756	26	<b>53.7</b>	60.7	70.1	69.7
NK BRAND	NK37-V4E3S § ↗	E3,ST	3.7	MR	63.1	33.9	19.4	12.0	12	752	28	52.1	61.2	75.9	63.4
MORSOY	MS 4850F ↗	RRX,ST	4.8	MR	63.1	33.8	19.7	11.2	4	753	27	41.9	58.7	79.8	72.0
STINE	39EC22 § ↗	E3	3.9	R	62.9	33.7	<b>20.4</b>	12.1	2	750	29	46.3	59.2	<b>81.5</b>	64.7
ASGROW	AG40XF1 § ↗	RXF	4.0	R	62.9	34.5	19.8	11.4	5	750	30	44.9	60.7	77.8	68.1

*Robin Kauffman*

<b>Averages =</b>	<b>63.0</b>	<b>34.3</b>	<b>19.7</b>	<b>11.7</b>	<b>5</b>	<b>750</b>	<b>47.8</b>	<b>59.9</b>	<b>75.0</b>	<b>69.3</b>
LSD (0.10) =	3.7	0.8	0.4	0.2	4		5.1	5.4	5.3	6.5
LSD (0.25) =	1.9	0.4	0.2	0.1	2		2.7	2.8	2.8	3.4

Rob Kauffman  
 rkmaits@aol.com, (717) 413-0763

Prev. years average yield for region: 59.07 bu/a, 8 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.07

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 11/26/2021 Revised: 01/19/2022 Protein and soil results added

## 2021 Soybeans - Delaware Maryland North [ DMNO ]

### All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG47XF0 §	RXF	R	4.7	NA
Chemgro	C3755XF	RXF	R	3.7	Untreated
Chemgro	C3855E	E3	R	3.8	Untreated
Credenz	CZ 3930GTLL	LLGT27	R	3.9	PV,IL,OB
Credenz	CZ 4202XF	RXF	R	4.2	PV,IL,OB
Credenz	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
Credenz	CZ 4562XF	RXF	R	4.5	PV,IL,OB
Credenz	CZ 4701GTLL	LLGT27	R	4.7	PV,IL,OB
Credenz	CZ 4742XF	RXF	R	4.7	PV,IL,OB
Hubner	H39-31XF	RXF	R	3.9	AC
Hubner	H42-31XF	RXF	R	4.2	AC
Hubner	H47-30XF	RXF	R	4.7	AC
Hubner	H48-31XF	RXF	R	4.8	AC
Local Seed	IS3715E3	E3	NA	3.7	RP
Local Seed	LS3717XF	RXF	NA	3.7	RP
Local Seed	LS3908XFS	RXF	NA	3.9	RP
Local Seed	LS4415XF	RXF	NA	4.4	RP
Local Seed	LS4517XFS	RXF	NA	4.5	RP
Local Seed	LS4606XFS	RXF	NA	4.6	RP
Local Seed	LS4707XF	RXF	NA	4.7	RP
Local Seed	LS4795XS	RRX,ST	R	4.7	RP
Loyal	L3940E	E3	R	3.9	CMBV,SA
Mid-Atlantic	MAS3721E3/STS	E3,ST	NA	3.7	PS
Mid-Atlantic	MAS3884GT/LL/STS	LLGT27	NA	3.8	PS
Mid-Atlantic	MAS4021E3	E3	NA	4.0	PS
Mid-Atlantic	MAS4077GT/STS	RR,ST	NA	4.0	PS
Mid-Atlantic	MAS4120E3	E3	NA	4.1	PS
Mid-Atlantic	MAS4320E3	E3	NA	4.3	PS
Mid-Atlantic	MAS4399GT/STS	RR,ST	NA	4.3	PS
Mid-Atlantic	MAS4675E3/STS	E3,ST	MR	4.6	PS
MorSoy	MS 4640F	RXF,ST	MR	4.6	AVC,C5,Vi
MorSoy	MS 4850F	RRX,ST	MR	4.8	AVC,C5,Vi
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-A1XF §	RXF	R	3.9	CMBV,SA
NK Brand	NK39-T5E3S §	E3,ST	R	3.9	CMBV,SA
NK Brand	NK43-V8XF	RXF	MR	4.3	CMBV,SA
Pioneer	P38A92X §	RRX	NA	3.8	Untreated
Pioneer	P42A96X §	RRX	MR	4.2	Untreated
Pioneer	P46T27E §	E3	NA	4.6	Untreated
Seed Consultants	SC 7372E	E3	NA	3.7	Lum,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Seed Consultants	SC 7381E	E3	NA	3.8	Lum,IL
Seed Consultants	SC 7421E	E3	NA	4.2	Lum,IL
Seed Consultants	SC 7461E	E3	NA	4.6	Lum,IL
Seed Genetics Direct	AGI0743AE GC	E3	NA	4.3	NA
Southern Harvest	4022	E3	R	4.0	MAX
Southern Harvest	4622	E3	S	4.6	MAX
Southern Harvest	4820	E3,ST	S	4.7	MAX
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stine	47EE02 §	E3	R	4.7	SFI
UniSouth Genetics	7451ET GC	E3	S	4.5	Untreated
UniSouth Genetics	74B58 GC	RR,ST	R	4.5	Untreated
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB
Xitavo	XO 4522E	E3,ST	R	4.5	PV,IL,OB
Xitavo	XO 4772E	E3	R	4.7	PV,IL,OB

## 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
LLGT27	LibertyLink® GT27®
RR	Roundup Ready®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
AC	Acceleron® unspecified
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Lum,IL	LumiGEN™ plus ILeVO
MAX	Maximize (Meherrin Ag)
PS	MAS Pro-Shield
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
SFI	Stine XP F&I
Untreated	No seed treatment

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