

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

## 2022 Soybeans Top 30 Harvest Report

Delaware Maryland North [DMNO] PRESTON, MD  
Roger Schmick, Caroline County, MD 21655

<b>All-Season Test</b>	Maturity Group <b>3.7 - 4.7</b> S2022DMNO01
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Grain Sorghum / NA
<b>SOIL DESCRIPTION:</b>	Pineyneck silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 6.1 pH, 1.9% OM, 4.7 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Broadaxe, Glyphosate, Raptor, Poast
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 15 168.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Nov 5 160.0 /A

### TEST COMMENTS:

*Planted in great conditions, the soybeans emerged fast and uniform. The growing season was summed up by Roger Schmick as rainy then dry, but all in all a good year. At harvest, there was very little shattering and generally, all varieties stood well. The dry weather was definitely evident in the yields. The overall rating of the plot was 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
Stine	38EF32 § ↗	E3	3.8	R	<b>59.0</b>	15.7	2	160.0	824	1
NK Brand	NK39-T5E3S § ↗	E3,ST	3.9	R	<b>57.6</b>	15.9	4	160.0	804	2
Mid-Atlantic	MAS3822E3/STS ↗	E3,ST	3.9	NA	<b>57.1</b>	15.9	2	160.0	797	3
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	<b>57.1</b>	15.8	1	160.0	797	4
Golden Harvest	GH3762E3S ↗	E3,ST	3.7	MR	<b>56.4</b>	15.7	2	160.0	788	5
Golden Harvest	GH4093E3 § ↗	E3	4.0	R	<b>56.3</b>	15.8	2	160.0	786	6
NK Brand	NK45-V9E3 ↗	E3	4.5	R	<b>55.7</b>	16.0	2	160.0	778	7
Innotech	3958E3S ↗	E3,ST	3.9	MR	<b>55.4</b>	15.5	1	160.0	774	8
Seed Consultants	SC 7472E ↗	E3	4.7	MR	54.9	16.1	1	160.0	766	9
Seed Consultants	SC 7381E ↗	E3	3.8	NA	54.6	15.5	1	160.0	763	10
Mid-Atlantic	MAS4021E3 ↗	E3	4.0	NA	54.3	15.2	3	160.0	759	11
Chemgro	C3855E ↗	E3	3.8	R	54.3	15.8	3	160.0	758	12
NK Brand	NK43-P7E3S ↗	E3,ST	4.3	R	54.0	15.3	1	160.0	755	13
Golden Harvest	GH4343XFS ↗	RXF,ST	4.3	R	53.3	15.8	1	160.0	744	15
Xitavo	XO 4371E ↗	E3	4.3	R	53.3	15.4	1	160.0	745	14
Xitavo	XO 4653E ↗	E3,ST	4.6	MR	53.2	15.4	2	160.0	743	16
Mid-Atlantic	MAS4721E3/STS ↗	E3,ST	4.7	NA	53.1	15.8	2	160.0	741	17
Zinesto	Z3903E ↗	E3	3.9	R	52.9	15.5	1	160.0	739	18
Xitavo	XO 3922E ↗	E3	3.9	R	52.9	15.5	1	160.0	739	19
Xitavo	XO 4522E ↗	E3	4.5	R	52.8	15.9	1	160.0	737	20
Xitavo	XO 4722E ↗	E3	4.7	MR	52.2	15.9	3	160.0	729	21
Stine	41EE62 § ↗	E3	4.1	R	52.1	15.1	2	160.0	728	22
Stine	40EB22 § ↗	E3	4.0	R	52.1	15.4	1	160.0	728	23
Revere	4606XFS ↗	RXF,ST	4.6	NA	52.0	15.8	10	160.0	726	24
Hubner	H48-31XF ↗	RXF	4.8	R	51.9	15.8	2	160.0	725	25
Xitavo	XO 4132E ↗	E3	4.1	R	51.8	15.2	1	160.0	724	26
Seed Consultants	SC 7462E ↗	E3	4.6	MR	51.5	16.0	1	160.0	719	28
Southern Harvest	SH 4022 E3 ↗	E3	4.0	R	51.5	15.2	2	160.0	720	27
Revere	4415XF ↗	RXF	4.4	NA	51.4	16.1	2	160.0	717	29
Golden Harvest	GH4222XF § ↗	RXF	4.2	R	51.1	15.6	1	160.0	714	30

*Robin Kauffman*

Rob Kauffman

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Averages = **51.5**    **15.7**    **2**    **160.0**    **719**

LSD (0.10) = 3.7    0.3    2

LSD (0.25) = 2.0    0.2    1

C.V. = 6.9    Historic yield: 59.67 bu/a, 12 yr(s)

**Yield & Income Factors:**    Base Moisture = 13.0%    Shrink = 1.0    Drying = \$0.02    Prices: GMO = \$14.02

Report Date: 11/06/2022

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

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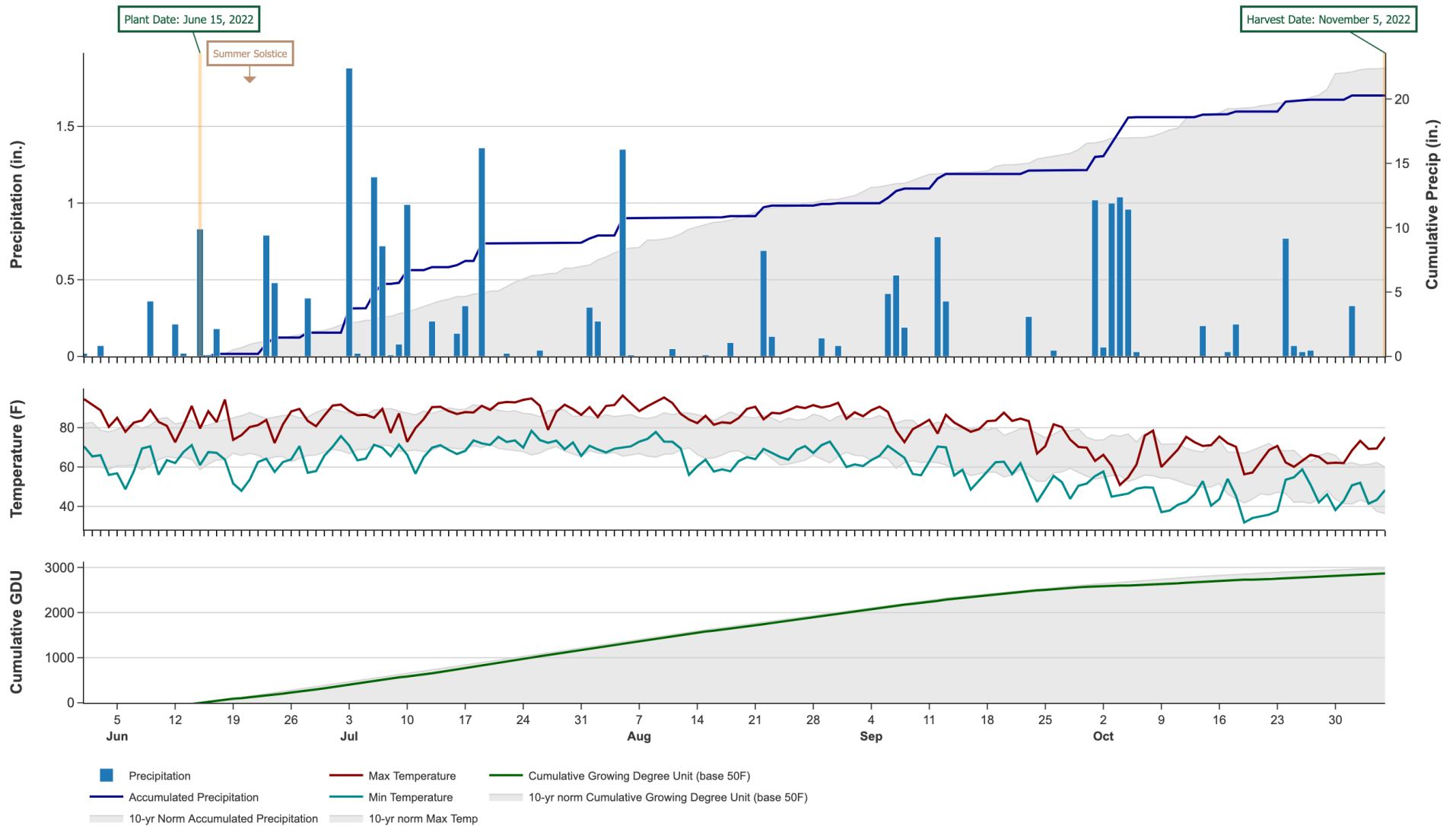
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Delaware Maryland North [ DMNO ]

## Weather Conditions Summary at PRESTON, MD

Weather Data Retrieved: 11/06/2022

Monthly Total	Jun*	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	3.4   4.4 (-1.1)	7.0   5.0 (+2.0)	3.1   5.2 (-2.2)	2.6   4.3 (-1.8)	5.5   5.5 (0.0)	0.3   0.4 (-0.0)	21.8   24.8 (-3.0)
GDU   Normal (Diff)	661   697 (-36)	848   849 (-1)	816   790 (+25)	585   599 (-14)	241   338 (-97)	54   17 (+36)	3205   3292 (-87)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2022 Soybeans - Delaware Maryland North [ DMNO ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
Asgrow	AG47XF3 §	RXF,ST	R	4.7	ACi,IL
Chemgro	C3755XF	RXF	R	3.7	CGT
Chemgro	C3855E	E3	R	3.8	CGT
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH4093E3 §	E3	R	4.0	CMBV,SA
Golden Harvest	GH4222XF §	RXF	R	4.2	CMBV,SA
Golden Harvest	GH4343XFS	RXF,ST	R	4.3	CMBV,SA
Hubner	H39-31XF	RXF	R	3.9	ACi
Hubner	H42-31XF	RXF	R	4.2	ACi
Hubner	H47-43XF	RXF	R	4.7	ACi
Hubner	H48-31XF	RXF	R	4.8	ACi
Innotech	3958E3S	E3,ST	MR	3.9	RP
Innotech	4737E3	E3	MR	4.7	RP
Mid-Atlantic	MAS3822E3/STS	E3,ST	NA	3.9	PS
Mid-Atlantic	MAS4021E3	E3	NA	4.0	PS
Mid-Atlantic	MAS4320E3/STS	E3,ST	NA	4.3	PS
Mid-Atlantic	MAS4622E3	E3,ST	NA	4.6	PS
Mid-Atlantic	MAS4675E3/STS	E3,ST	MR	4.6	PS
Mid-Atlantic	MAS4721E3/STS	E3,ST	NA	4.7	PS
MorSoy	MS 4640 XF	RXF,ST	MR	4.6	AVC,C5,Vi
MorSoy	MS 4852 XF	RXF	R	4.8	AVC,C5,Vi
NK Brand	NK39-T5E3S §	E3,ST	R	3.9	CMBV,SA
NK Brand	NK43-P7E3S	E3,ST	R	4.3	CMBV,SA
NK Brand	NK45-V9E3	E3	R	4.5	CMBV,SA
Pioneer	P42T71PR §	P	NA	4.2	NA
Public	MONOCACY GC	CONV	MR	4.0	NA
Revere	4128XFS	RXF,ST	MR	4.1	RP
Revere	4415XF	RXF	NA	4.4	RP
Revere	4526XF	RXF	MR	4.5	RP
Revere	4606XFS	RXF,ST	NA	4.6	RP
Seed Consultants	SC 7381E	E3	NA	3.8	Lum,Lu,IL
Seed Consultants	SC 7412E	E3	MR	4.1	Lum,Lu,IL
Seed Consultants	SC 7462E	E3	MR	4.6	Lum,Lu,IL
Seed Consultants	SC 7472E	E3	MR	4.7	Lum,Lu,IL
Seed Genetics Direct	AGI0743AE	E3	NA	4.3	NA
Southern Harvest	SH 4022 E3	E3	R	4.0	MAX
Southern Harvest	SH 4622 E3	E3	S	4.6	MAX
Southern Harvest	SH 4923 E3	E3	S	4.7	MAX
Stine	38EF32 §	E3	R	3.8	SFI
Stine	40EB22 §	E3	R	4.0	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	41EE62 §	E3	R	4.1	SFI
Uni South Genetics	USG7392XFS GC	RXF,ST	R	3.9	ACi
Uni South Genetics	USG7461XFS GC	RXF,ST	R	4.6	ACi
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	PV,IL,OB,Rey
Xitavo	XO 4653E	E3,ST	MR	4.6	PV,IL,OB,Rey
Xitavo	XO 4722E	E3	MR	4.7	PV,IL,OB,Rey
Zinesto	Z3903E	E3	R	3.9	DST4

## 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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CONV	Conventional
E3	Enlist™ E3
P	Plenish®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CGT	Chemgro gro-Tek (Chemgro Seed)
CMBV,SA	Cruisermass® Beans, Vibrance®, Salto®
DST4	Dominance 4 ST
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
MAX	Maximize (Meherrin Ag)
PS	MAS Pro-Shield
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
RP	Radius Premium (Local Seed Co)
SFI	Stine XP F&I

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