

2022 Soybeans Top 30 Region Summary for Delaware Maryland North [DMNO]



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

All-Season Test Maturity Group 3.7 - 4.7

Top 30 of 54

S2022DMNO

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	Upperco
GOLDEN HARVEST	GH4343XFS ↗	RXF,ST	4.3	R	62.5	33.9	19.3	15.0	5	882	1	83.4	53.3	65.2	48.0
XITAVO	XO 3922E ↗	E3	3.9	R	61.6	32.6	20.2	14.7	2	870	2	84.5	52.9	55.1	53.8
SEED CONSULTANTS	SC 7472E ↗	E3	4.7	MR	60.9	33.6	18.9	14.9	8	859	3	69.9	54.9	63.5	55.3
NK BRAND	NK39-T5E3S § ↗	E3,ST	3.9	R	60.5	32.8	19.8	14.8	7	854	4	71.5	57.6	57.8	55.1
STINE	38EF32 § ↗	E3	3.8	R	60.4	34.2	19.7	14.8	5	853	5	77.2	59.0	56.6	48.7
ASGROW	AG47XF3 § ↗	RXF,ST	4.7	R	60.1	33.8	18.1	14.7	5	850	6	76.4	50.9	63.9	49.4
HUBNER	H48-31XF ↗	RXF	4.8	R	59.9	32.8	17.5	14.5	5	846	7	76.4	51.9	62.3	48.9
HUBNER	H42-31XF ↗	RXF	4.2	R	59.4	34.3	18.9	14.7	4	840	8	81.1	50.0	59.0	47.6
MID-ATLANTIC	MAS3822E3/STS ↗	E3,ST	3.9	NA	59.3	33.6	20.0	14.8	5	837	10	69.8	57.1	60.5	49.7
GOLDEN HARVEST	GH4093E3 § ↗	E3	4.0	R	59.3	33.8	20.1	14.9	5	837	9	77.7	56.3	64.3	38.7
XITAVO	XO 3803E ↗	E3,ST	3.8	MR	59.2	33.1	20.7	14.6	3	834	12	72.9	57.1	51.0	55.6
INNOTECH	3958E3S ↗	E3,ST	3.9	MR	59.1	34.2	19.9	14.7	7	836	11	78.5	55.4	64.0	38.6
XITAVO	XO 4522E ↗	E3	4.5	R	59.1	35.2	18.3	15.0	6	834	13	82.8	52.8	47.8	53.0
REVERE	4606XFS ↗	RXF,ST	4.6	NA	59.0	33.5	18.3	14.6	12	833	14	70.8	52.0	64.6	48.6
XITAVO	XO 4772E ↗	E3	4.7	R	58.5	33.6	18.4	14.8	8	827	15	78.1	52.2	57.3	46.5
MORSOY	MS 4640 XF ↗	RXF,ST	4.6	MR	58.4	32.8	18.9	14.5	8	825	16	76.1	50.4	61.0	46.1
GOLDEN HARVEST	GH4222XF § ↗	RXF	4.2	R	58.4	33.5	19.0	14.6	4	825	17	79.3	51.1	57.8	45.3
MID-ATLANTIC	MAS4721E3/STS ↗	E3,ST	4.7	NA	58.3	33.4	19.3	15.1	9	824	18	77.3	53.1	58.6	44.2
XITAVO	XO 4132E ↗	E3	4.1	R	58.2	32.4	20.1	14.7	6	822	19	81.5	51.8	54.4	45.0
MID-ATLANTIC	MAS4675E3/STS ↗	E3,ST	4.6	MR	57.8	34.1	18.6	15.0	5	816	20	73.4	50.6	59.1	48.1
GOLDEN HARVEST	GH3762E3S ↗	E3,ST	3.7	MR	57.8	33.7	19.6	14.7	5	815	21	69.7	56.4	56.1	48.8
SEED CONSULTANTS	SC 7412E ↗	E3	4.1	MR	57.5	33.6	19.3	14.4	5	813	22	78.2	48.7	57.8	45.4
NK BRAND	NK45-V9E3 ↗	E3	4.5	R	57.5	34.3	18.7	15.1	9	812	23	70.2	55.7	55.6	48.6
XITAVO	XO 4653E ↗	E3,ST	4.6	MR	57.4	33.5	18.8	14.9	6	811	24	71.9	53.2	60.8	43.8
XITAVO	XO 4371E ↗	E3	4.3	R	57.4	34.1	20.1	14.7	4	810	25	76.3	53.3	51.3	48.7
ZINESTO	Z3903E ↗	E3	3.9	R	57.4	33.7	19.8	14.9	4	809	27	70.4	52.9	51.1	55.0
STINE	41EE62 § ↗	E3	4.1	R	57.3	33.1	20.4	14.6	9	809	26	74.7	52.1	54.4	48.0
MID-ATLANTIC	MAS4021E3 ↗	E3	4.0	NA	57.2	32.9	20.0	14.7	8	808	28	79.7	54.3	56.4	38.3
UNI SOUTH GENETICS	USG7461XFS GC ↗	RXF,ST	4.6	R	56.4	33.6	18.9	14.8	7	798	29	75.2	48.5	61.7	40.3
MID-ATLANTIC	MAS4622E3 ↗	E3,ST	4.6	NA	56.0	33.7	18.9	14.7	6	790	30	77.5	50.0	51.7	44.6

Robin Kauffman

Averages =	56.4	33.8	19.3	14.8	6	797	73.6	51.5	55.7	44.7
LSD (0.10) =	4.1	0.8	0.7	ns	3		5.5	3.7	6.2	8.1
LSD (0.25) =	2.2	0.4	0.4	ns	1		2.9	2.0	3.3	4.3

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

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

† 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. Oil and Protein values are average results of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 12/14/2022 Revised: 01/17/2023 Protein and oil results added

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 4772E	E3	R	4.7	PV,IL,OB,Rey
Zinesto	Z3903E	E3	R	3.9	DST4

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

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

Soybeans Seed Treatments*

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®, Saltro®
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

* Seed treatments may include unspecified plant health promoting components.