

2022 Soybeans Top 30 Region Summary for Iowa North [IANO]

Early-Season Test

Maturity Group 1.6 - 2.0

S2022IANOa

Top 30 of 42

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	Britt	Lu Verne	New Hampton	Osage
P3 GENETICS	2320E ↗	E3	2.0	R	71.9	33.2	19.4	9.3	5	953	1	75.4	71.8	70.9	69.6
STINE	17EE32 § ↗	E3	1.7	R	70.3	34.0	19.7	9.7	0	932	2	74.8	69.3	63.1	74.2
NK BRAND	NK19-T8E3S ↗	E3,ST	1.9	R	69.9	34.1	19.5	9.4	0	926	3	76.4	68.3	60.9	74.0
ASGROW	AG18XF1 § ↗	RXF	1.8	R	69.5	33.2	19.3	9.3	0	921	4	70.5	70.1	68.9	68.5
APEX	AE1930 GC ↗	E3	1.9	R	69.4	33.5	19.5	9.4	3	920	5	69.5	69.5	73.5	65.2
STINE	15EE32 § ↗	E3	1.5	R	69.3	34.2	19.7	9.6	1	919	6	69.6	68.2	69.1	70.4
FS HISOY	HS 18E00 ↗	E3	1.8	R	69.1	33.9	19.1	9.2	1	915	7	65.3	74.5	65.1	71.3
LATHAM	L 1784 XF ↗	RXF	1.7	R	68.7	32.9	19.4	9.3	0	911	8	72.7	73.9	61.2	67.3
TITAN PRO	TP 20E22 ↗	E3	2.0	R	68.7	32.8	20.2	9.5	0	910	9	73.9	67.4	63.3	70.2
ASGROW	AG19XF3 § ↗	RXF	1.9	R	68.5	34.1	19.7	9.2	0	907	10	78.2	62.4	65.0	68.3
NK BRAND	NK19-D5XF § ↗	RXF	1.9	R	68.3	35.2	19.2	9.5	0	905	11	70.3	71.6	64.0	67.3
FS HISOY	HS 15E10 ↗	E3	1.5	R	68.3	34.0	19.5	9.6	1	904	12	71.0	71.4	60.3	70.3
XITAVO	XO 1632E ↗	E3	1.6	R	68.0	33.8	19.6	9.6	0	901	13	69.3	70.8	60.3	71.7
GOLDEN HARVEST	GH1973E3S ↗	E3,ST	1.9	R	67.8	33.9	19.4	9.6	2	899	14	66.7	71.3	62.7	70.5
KRUGER	K1914XF ↗	RXF	1.9	R	67.8	33.4	19.6	9.1	0	898	15	69.4	66.3	65.0	70.5
LATHAM	L 1947 E3 ↗	E3	1.9	R	67.6	33.4	19.9	9.4	0	896	16	73.5	62.6	61.7	72.6
NK BRAND	NK20-B6E3S ↗	E3,ST	2.0	R	67.4	33.1	19.6	9.4	2	894	17	70.5	69.3	66.6	63.4
ZINESTO	Z2002E ↗	E3	2.0	NA	67.4	34.1	19.2	9.3	1	893	18	66.9	75.1	65.3	62.3
ZINESTO	Z1702E ↗	E3	1.7	NA	67.1	33.8	19.8	9.4	5	889	19	64.2	71.5	62.7	70.0
P3 GENETICS	2218E ↗	E3	1.8	R	66.9	33.5	19.7	9.6	4	887	20	74.0	72.5	56.6	64.5
XITAVO	XO 1822E ↗	E3	1.8	R	66.9	33.9	19.8	9.7	0	886	21	72.8	69.2	57.9	67.6
GOLDEN HARVEST	GH2083E3S § ↗	E3,ST	2.0	R	66.6	32.8	19.7	9.4	5	883	22	70.1	69.3	65.6	61.4
CORNELIUS	CB18XF88 ↗	RXF	1.8	R	66.5	32.8	18.6	9.1	0	882	23	71.3	66.4	62.2	66.3
NUTECH	16N04E ↗	E3	1.6	R	66.5	35.4	18.4	9.4	0	881	24	70.6	66.3	59.4	69.7
TITAN PRO	TP 18E22 ↗	E3	1.8	R	66.5	32.5	20.5	9.3	0	881	25	65.5	70.4	64.4	65.6
KRUGER	K1804XF ↗	RXF	1.8	R	66.4	32.9	18.9	9.1	1	880	26	70.2	64.8	62.9	67.8
NUTECH	19N03E ↗	E3	1.9	R	66.0	32.7	19.7	9.4	2	875	27	68.6	69.9	64.6	61.0
APEX	AE1630 GC ↗	E3	1.6	R	66.0	33.5	19.8	9.6	0	874	28	72.2	64.6	61.7	65.3
XITAVO	XO 1761E ↗	E3	1.7	R	65.4	33.7	19.1	9.1	0	866	29	71.8	63.7	61.8	64.1
LATHAM	L 2049 E3 ↗	E3	2.0	R	65.3	33.2	19.7	9.3	3	866	30	70.2	70.3	55.7	65.1
CROPLAN	CP2240XF CK	RXF	2.2	R	63.1	34.6	18.6	9.3	0	837	38	67.0	57.6	64.9	63.0

Corey Rozenboom

Averages =	66.5	33.6	19.4	9.4	1	881	69.0	66.9	62.9	67.1
LSD (0.10) =	3.4	0.5	0.3	0.2	3		3.9	4.2	2.8	3.0
LSD (0.25) =	1.8	0.3	0.1	0.1	1		2.0	2.2	1.5	1.5

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Prev. years average yield for region: 56.28 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$13.25

† 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: 10/16/2022

Revised: 12/08/2022

Protein and oil results added

2022 Soybeans Top 30 Region Summary for Iowa North [IANO]

Full-Season Test

Maturity Group 2.1 - 2.5

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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	Britt	Lu Verne	New Hampton	Osage
GOLDEN HARVEST	GH2102XF ↗	RXF	2.1	MR	70.0	33.4	19.7	9.3	0	928	1	68.7	68.6	69.6	73.2
GENESIS	G2550E ↗	E3	2.5	R	69.4	32.7	20.7	9.6	4	920	2	77.1	69.4	64.5	66.6
TITAN PRO	TP 25E22 ↗	E3	2.5	R	68.8	32.5	20.2	9.7	8	912	3	75.3	70.6	64.6	64.7
GENESIS	G2270E ↗	E3	2.2	R	68.3	33.6	19.4	9.4	0	905	4	70.2	67.2	68.0	67.7
FS HISOY	HS 25E00 ↗	E3	2.5	R	68.2	33.1	20.5	9.4	8	904	5	76.7	61.5	66.1	68.6
XITAVO	XO 2181E ↗	E3	2.1	R	67.7	33.0	19.9	9.4	0	898	6	69.2	70.7	66.8	64.2
NK BRAND	NK23-T9XF § ↗	RXF	2.3	R	67.4	33.2	19.6	9.5	6	893	7	75.6	63.9	63.3	66.6
ASGROW	AG21XF2 § ↗	RXF	2.1	R	67.2	34.3	19.2	9.3	0	891	8	66.7	65.1	67.9	69.1
FS HISOY	HS 21E20 ↗	E3	2.1	R	67.2	32.9	19.8	9.3	0	890	9	69.1	69.8	63.8	65.9
ZINESTO	Z2401E ↗	E3	2.4	R	66.6	32.8	20.8	9.6	3	883	10	71.2	72.9	63.8	58.7
P3 GENETICS	2223E ↗	E3	2.3	R	66.6	32.7	20.6	9.6	1	883	11	67.9	66.5	64.3	67.7
XITAVO	XO 2472E ↗	E3,ST	2.4	R	66.3	32.6	20.4	9.6	4	879	12	74.3	63.8	61.6	65.6
XITAVO	XO 2323E ↗	E3	2.3	R	66.2	33.6	19.8	9.3	3	876	13	65.6	68.6	62.3	68.1
NUTECH	25N04E ↗	E3	2.5	R	66.1	33.1	19.3	9.9	0	876	14	68.4	61.6	66.4	67.9
STINE	22EF23 § ↗	E3	2.2	R	65.5	33.7	20.2	9.3	6	869	15	65.6	65.2	59.6	71.8
GENESIS	G2570ES ↗	E3,ST	2.5	R	65.3	33.5	19.6	9.4	1	865	16	66.9	69.2	63.0	62.0
LATHAM	L 2283 XF ↗	RXF	2.2	R	65.1	33.1	19.4	9.6	2	863	17	65.6	65.8	60.8	68.3
ZINESTO	Z2503E ↗	E3	2.5	R	65.0	33.6	19.2	9.9	0	861	18	66.8	65.3	66.0	61.9
KRUGER	K2594XF ↗	RXF	2.5	R	64.9	33.6	19.1	9.9	0	860	19	65.9	64.7	60.5	68.5
FS HISOY	HS 24F00 ↗	RXF,ST	2.4	R	64.8	34.7	18.2	9.9	0	858	20	65.1	60.1	63.6	70.2
STINE	23EE06 § ↗	E3	2.3	S	64.6	34.0	18.6	9.4	2	855	21	67.7	67.2	60.5	62.8
CROPLAN	CP2520E GC ↗	E3	2.5	R	64.5	32.6	20.3	9.6	3	855	22	70.9	70.5	58.4	58.2
CORNELIUS	CB23XF63 ↗	RXF	2.3	R	64.1	34.2	18.9	9.4	0	850	23	63.2	62.6	64.8	66.0
NUTECH	24N04E ↗	E3	2.4	R	64.1	31.5	20.7	9.5	1	849	24	66.0	65.7	63.7	61.0
ZINESTO	Z2303E ↗	E3	2.3	R	64.0	33.8	19.0	9.5	0	849	25	64.0	67.8	58.7	65.7
KRUGER	K2294XF ↗	RXF	2.2	R	63.9	33.4	19.2	9.7	2	847	26	62.4	58.4	63.0	71.7
XITAVO	XO 2282E ↗	E3	2.2	R	63.8	32.9	19.7	9.5	0	845	27	68.5	61.3	62.6	62.8
GENESIS	G2150E ↗	E3	2.1	R	63.5	33.0	20.0	9.5	0	842	28	60.0	63.8	64.9	65.4
ASGROW	AG24XF3 § ↗	RXF	2.4	R	63.4	33.5	19.5	9.5	0	840	29	69.0	59.8	63.2	61.5
PIONEER	P21T72E § ↗	E3	2.1	R	62.8	32.1	19.6	9.3	0	833	30	63.4	60.9	63.4	63.7
CROPLAN	CP2240XF CK	RXF	2.2	R	62.6	33.9	18.4	9.4	0	829	35	64.6	57.3	65.3	63.0

Corey Rozenboom

Averages = 64.8 33.3 19.6 9.5 2 859 66.9 64.2 62.5 65.6

LSD (0.10) = 3.4 0.5 0.3 0.3 3 3.5 3.5 3.0 2.4

Corey Rozenboom

LSD (0.25) = 1.8 0.3 0.2 0.1 2 1.8 1.8 1.6 1.2

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Prev. years average yield for region: 56.28 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$13.25

† 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.

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Report Date: 10/16/2022

Revised: 12/08/2022

Protein and oil results added

2022 Soybeans - Iowa North [IANO]

Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1630 GC	E3	R	1.6	Treated
Apex	AE1710 GC	E3	R	1.7	Treated
Apex	AE1930 GC	E3	R	1.9	Treated
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG20XF1 GC	RXF	R	2.0	Untreated
Cornelius	CB18XF88	RXF	R	1.8	PG+
Croplan	CP2240XF CK	RXF	R	2.2	Untreated
FS HiSOY	HS 15E10	E3	R	1.5	ACi,SA,B-200
FS HiSOY	HS 16F10	RXF	R	1.6	ACi,SA,B-200
FS HiSOY	HS 18E00	E3	R	1.8	ACi,SA,B-200
FS HiSOY	HS 18F20	RXF	R	1.8	ACi,SA,B-200
Genesis	G1970E	E3	R	1.9	EcTC,SA
Golden Harvest	GH1973E3S	E3,ST	R	1.9	CMBV,SA
Golden Harvest	GH2083E3S §	E3,ST	R	2.0	CMBV,SA
Kruger	K1804XF	RXF	R	1.8	ACi,IL
Kruger	K1914XF	RXF	R	1.9	ACi,IL
Latham	L 1758 E3	E3	R	1.7	SS+,SA
Latham	L 1784 XF	RXF	R	1.7	SS+,SA
Latham	L 1947 E3	E3	R	1.9	SS+,SA
Latham	L 2049 E3	E3	R	2.0	SS+,SA
NK Brand	NK19-D5XF §	RXF	R	1.9	CMBV,SA
NK Brand	NK19-T8E3S	E3,ST	R	1.9	CMBV,SA
NK Brand	NK20-B6E3S	E3,ST	R	2.0	CMBV,SA
NuTech	16N04E	E3	R	1.6	Lum,Lu,IL
NuTech	19N03E	E3	R	1.9	Lum,Lu,IL
P3 Genetics	2218E	E3	R	1.8	PG+
P3 Genetics	2320E	E3	R	2.0	PG+
Pioneer	P18T91E §	E3	R	1.8	Untreated
Pioneer	P20T64E §	E3	R	2.0	Untreated
Stine	15EE32 §	E3	R	1.5	SFI
Stine	17EE32 §	E3	R	1.7	SFI
Titan Pro	TP 18E22	E3	R	1.8	SA,A,R,G
Titan Pro	TP 20E22	E3	R	2.0	SA,A,R,G
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB,Rey
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	R	1.8	PV,IL,OB,Rey
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB,Rey
Zinesto	Z1603E	E3	R	1.6	DST4
Zinesto	Z1702E	E3	NA	1.7	DST4
Zinesto	Z1902E	E3	NA	1.9	DST4
Zinesto	Z2002E	E3	NA	2.0	DST4

2022 Soybeans - Iowa North [IANO]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Asgrow	AG24XF3 §	RXF	R	2.4	ACi
Cornelius	CB21XF34	RXF	R	2.1	PG+
Cornelius	CB23XF63	RXF	R	2.3	PG+
Croplan	CP2240XF CK	RXF	R	2.2	Untreated
Croplan	CP2520E GC	E3	R	2.5	Untreated
FS HiSOY	HS 21E20	E3	R	2.1	ACi,SA,B-200
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA,B-200
FS HiSOY	HS 25E00	E3	R	2.5	ACi,SA,B-200
FS HiSOY	HS 25F10	RXF,ST	R	2.5	ACi,SA,B-200
Genesis	G2150E	E3	R	2.1	EcTC,SA
Genesis	G2270E	E3	R	2.2	EcTC,SA
Genesis	G2550E	E3	R	2.5	EcTC,SA
Genesis	G2570ES	E3,ST	R	2.5	EcTC,SA
Golden Harvest	GH2102XF	RXF	MR	2.1	CMBV,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMBV,SA
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2283 XF	RXF	R	2.2	SS+,SA
Latham	L 2379 E3	E3	R	2.3	SS+,SA
Latham	L 2494 XF	RXF	R	2.4	SS+,SA
NK Brand	NK23-T9XF §	RXF	R	2.3	CMBV,SA
NuTech	21N07E	E3	R	2.1	Lum,Lu,IL
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
P3 Genetics	2223E	E3	R	2.3	PG+
Pioneer	P21T72E §	E3	R	2.1	Untreated
Pioneer	P22T86E §	E3	R	2.2	Untreated
Stine	22EF23 §	E3	R	2.2	SFI
Stine	23EE06 §	E3	S	2.3	SFI
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,G
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB,Rey
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB,Rey
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Xitavo	XO 2472E	E3,ST	R	2.4	PV,IL,OB,Rey
Zinesto	Z2101G	LLGT27	R	2.1	DST4
Zinesto	Z2303E	E3	R	2.3	DST4
Zinesto	Z2401E	E3	R	2.4	DST4
Zinesto	Z2503E	E3	R	2.5	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

E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
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
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV,SA	Cruisermass® Beans, Vibrance®, Salstro®
DST4	Dominance 4 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,G	Salstro, Allegiance FL, Redigo 480, Gaucho 600
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Salstro®
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.