

2023 Soybeans Top 30 Region Summary for Iowa North [IANO]

Early-Season Test
Maturity Group 1.6 - 2.0
S2023IANOa

Top 30 of 41

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	Lu Verne	New Hampton	Osage	Ventura
FS HISOY	HS 18F20 ↗	RXF	1.8	R	62.0	31.7	20.6	10.1	1	782	1	69.7	53.6	59.9	64.9
GOLDEN HARVEST	GH2004XF § ↗	RXF	2.0	MR	61.3	33.0	20.3	9.9	1	773	2	67.5	57.8	52.9	67.1
NUTECH	20N05E ↗	E3	2.0	R	61.2	35.0	19.7	10.3	1	771	3	67.5	57.3	53.5	66.6
GENESIS	G1980E ↗	E3	1.9	R	61.0	32.4	20.1	10.4	1	769	4	69.0	55.9	54.2	65.0
ZINESTO	Z1702E ↗	E3	1.7	NA	60.2	33.1	20.0	10.1	1	758	5	61.2	58.2	54.0	67.4
P3 GENETICS	2218E ↗	E3	1.8	R	60.1	33.8	19.7	10.4	2	757	6	64.5	58.0	51.4	66.4
APEX	AE1930 ↗	E3	1.9	R	59.7	34.0	19.7	10.2	1	752	7	62.4	59.0	51.3	66.1
ASGROW	AG18XF1 § ↗	RXF	1.8	R	59.6	31.7	20.5	10.1	1	751	8	67.0	50.8	52.3	68.3
FS HISOY	HS 15E10 ↗	E3	1.5	R	59.6	33.0	20.0	10.3	1	751	9	66.2	58.1	50.2	63.8
ASGROW	AG19XF3 § ↗	RXF	1.9	R	59.0	33.2	20.0	10.2	1	744	10	59.7	56.3	54.7	65.5
NUTECH	16N04E ↗	E3	1.6	R	58.9	34.7	19.0	10.0	1	743	11	66.7	55.6	51.0	62.4
XITAVO	XO 1632E ↗	E3	1.6	R	58.6	32.4	20.2	10.3	1	739	12	54.5	60.5	51.7	67.8
P3 GENETICS	2216E ↗	E3	1.6	R	58.5	33.4	19.8	10.4	1	737	13	58.5	58.9	49.2	67.3
NUTECH	18N03E ↗	E3	1.8	R	57.8	35.0	19.9	10.3	1	729	14	65.1	55.2	45.6	65.3
CORNELIUS	CB18XF88 ↗	RXF	1.8	R	57.3	32.4	19.6	10.2	3	723	15	52.6	50.2	58.7	67.8
GENESIS	G1760E ↗	E3	1.7	R	57.3	33.1	20.1	10.4	1	722	16	59.1	53.6	51.2	65.4
XITAVO	XO 1822E ↗	E3	1.8	R	57.1	32.8	20.4	10.1	1	719	18	58.6	52.0	53.5	64.3
HEFTY	H18E3 ↗	E3	1.8	R	57.1	31.8	21.1	10.1	1	720	17	61.2	57.7	47.7	61.8
FS HISOY	HS 18E30 ↗	E3	1.8	R	56.9	31.6	20.3	10.5	1	717	19	63.0	47.0	54.0	63.5
KRUGER	K1804XF ↗	RXF	1.8	R	56.7	31.6	19.8	10.3	1	715	20	52.0	50.3	57.7	66.9
STINE	19EG92 § ↗	E3	1.9	R	56.6	32.3	20.1	10.6	1	714	21	57.5	52.1	53.0	64.0
KRUGER	K1914XF ↗	RXF	1.9	R	56.3	32.8	20.2	10.0	1	709	22	58.2	49.4	52.4	65.1
STINE	20EG02 § ↗	E3	2.0	R	56.1	33.1	20.3	10.6	1	707	23	61.8	51.0	50.2	61.4
XITAVO	XO 1971E ↗	E3	1.9	R	56.0	32.7	19.9	10.2	1	706	24	56.6	55.1	51.5	60.9
PIONEER	P19A66E § ↗	E3	1.9	NA	55.9	32.3	20.6	10.0	1	705	25	54.9	58.3	48.5	61.9
JACOBSEN	J1873E3 ↗	E3	1.8	R	55.7	32.1	20.6	10.2	1	703	26	57.8	52.5	52.6	60.1
GOLDEN HARVEST	GH1973E3S § ↗	E3,ST	1.9	R	55.6	33.0	20.1	10.3	1	701	27	63.2	49.0	51.1	59.2
TITAN PRO	TP 18E22 GC ↗	E3	1.8	R	55.6	32.1	21.0	10.1	1	701	28	59.7	53.3	51.0	58.4
P3 GENETICS	2320E ↗	E3	2.0	R	55.6	32.8	20.2	10.3	1	700	29	54.3	52.9	52.4	62.7
CORNELIUS	CB16XF21 ↗	RXF	1.6	R	55.3	32.5	20.3	10.3	1	697	30	61.4	53.3	46.3	60.3
CROPLAN	CP2123E CK	E3	2.1	MR	53.6	33.7	19.5	10.2	2	675	35	57.4	50.6	47.5	58.8
					Averages =	56.7	32.9	20.1	10.3	1	714	59.3	53.7	51.1	62.5
					LSD (0.10) =	3.3	0.7	0.4	0.2	1		4.6	3.1	3.4	3.7
					LSD (0.25) =	1.7	0.4	0.2	0.1	0		2.4	1.6	1.8	1.9

Corey Rozenboom

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Prev. years average yield for region: 56.89 bu/a, 20 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$12.60

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 10/11/2023 Revised: 01/09/2024 Protein and oil content results added.

2023 Soybeans Top 30 Region Summary for Iowa North [IANO]

Full-Season Test
Maturity Group 2.1 - 2.5
S2023IANOb

Top 30 of 36
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	Lu Verne	New Hampton	Osage	Ventura
GENESIS	G2480E ↗	E3	2.4	R	61.5	33.4	19.3	10.3	1	775	1	67.5	59.0	50.2	69.3
P3 GENETICS	2322E ↗	E3	2.2	R	60.7	33.2	19.4	10.5	1	764	2	65.9	64.4	46.1	66.3
ASGROW	AG21XF2 § ↗	RXF	2.1	R	60.6	33.7	19.2	10.4	1	764	3	60.5	63.0	49.2	69.8
FS HISOY	HS 21E20 ↗	E3	2.1	R	60.4	32.7	19.6	10.3	1	761	4	69.0	58.2	48.4	66.0
CORNELIUS	CB22XF52 ↗	RXF	2.2	R	60.2	33.1	20.2	10.0	1	759	5	61.4	62.8	49.1	67.7
GENESIS	G2570ES ↗	E3,ST	2.5	R	59.6	32.8	19.8	10.5	1	751	6	66.6	62.0	49.5	60.4
GENESIS	G2180E ↗	E3	2.1	R	59.4	33.8	20.3	10.8	1	748	7	65.2	59.2	42.2	70.8
GOLDEN HARVEST	GH2313XF § ↗	RXF	2.3	R	59.2	33.5	19.7	10.3	2	746	8	58.9	58.2	49.9	69.9
XITAVO	XO 2282E ↗	E3	2.2	R	59.2	32.9	19.9	10.4	1	746	9	67.4	54.5	48.0	66.9
GOLDEN HARVEST	GH2292E3 § ↗	E3	2.2	MR	59.1	33.6	19.5	10.3	1	745	10	59.0	63.0	48.9	65.6
ZINESTO	Z2303E ↗	E3	2.3	R	59.0	34.5	19.1	10.4	1	743	11	64.2	59.6	47.8	64.3
XITAVO	XO 2323E ↗	E3	2.3	R	58.6	34.1	19.8	10.4	1	738	12	63.4	57.2	44.4	69.2
TITAN PRO	TP 22E23 ↗	E3	2.2	R	58.3	34.6	19.5	10.7	1	734	13	59.7	55.8	48.6	69.0
RENK	RS214NXF ↗	RXF	2.1	R	58.2	34.4	19.1	10.7	1	734	14	63.3	57.5	48.1	64.0
FS HISOY	HS 24E30 ↗	E3	2.4	R	58.1	34.5	19.2	10.5	1	733	15	61.1	55.4	50.6	65.4
KRUGER	K2294XF ↗	RXF	2.2	R	57.9	32.9	20.0	10.7	1	730	16	66.4	54.3	47.2	63.8
PIONEER	P21A53E § ↗	E3	2.1	NA	57.6	33.4	19.8	10.1	1	726	17	64.3	60.7	43.2	62.3
FS HISOY	HS 25E30 ↗	E3	2.5	R	57.6	32.3	20.4	10.6	1	726	18	58.9	60.4	48.7	62.3
TITAN PRO	TP 25E22 ↗	E3	2.5	R	57.6	33.0	20.3	10.4	1	726	19	65.2	54.1	47.9	63.0
STINE	24FD32 § ↗	RXF	2.4	R	57.4	32.6	20.5	10.7	1	724	20	66.5	53.8	44.3	65.2
STINE	21EG32 § ↗	E3	2.1	R	57.4	33.4	20.4	10.9	1	723	21	60.0	56.1	45.8	67.6
XITAVO	XO 2181E ↗	E3	2.1	R	57.2	33.4	20.3	10.4	1	721	22	62.3	56.6	44.2	65.7
ZINESTO	Z2202E ↗	E3	2.2	NA	57.0	33.6	19.7	10.2	1	718	23	66.0	60.3	40.4	61.3
HOEGEMEYER	2254 E GC ↗	E3	2.2	R	56.6	33.9	19.8	10.4	1	713	24	62.4	57.4	44.3	62.4
ZINESTO	Z2101E ↗	E3	2.1	R	56.2	32.6	20.1	10.3	1	708	25	60.0	60.3	41.6	62.9
NUTECH	24N05E ↗	E3	2.4	R	56.0	32.9	19.5	10.5	1	705	26	60.6	54.3	48.6	60.4
KRUGER	K2115XF ↗	RXF	2.1	R	55.9	34.5	19.6	10.4	1	705	27	61.0	58.3	42.1	62.2
XITAVO	XO 2444E ↗	E3,ST	2.4	R	55.7	32.2	20.1	10.5	1	702	28	59.0	55.5	48.2	60.2
ASGROW	AG25XF3 § ↗	RXF	2.5	R	55.2	32.3	19.0	10.9	1	695	29	58.6	53.8	44.6	63.7
NUTECH	22N03E ↗	E3	2.2	R	54.8	34.4	19.7	10.5	1	692	30	57.0	55.1	46.0	61.4
CROPLAN	CP2123E CK	E3	2.1	MR	53.4	34.5	19.0	10.3	1	673	34	56.9	50.1	46.9	59.7

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Averages =	57.3	33.5	19.7	10.4	1	722	61.3	57.1	46.4	64.3
LSD (0.10) =	2.9	0.6	0.3	0.2	ns		4.4	2.6	2.6	3.8
LSD (0.25) =	1.5	0.3	0.2	0.1	ns		2.3	1.4	1.4	2.0

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$12.60

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 10/11/2023 Revised: 01/09/2024 Protein and oil content results added.

Prev. years average yield for region: 56.89 bu/a, 20 yr(s)

2023 Soybeans - Iowa North [IANO]

Early-Season Test Products (41 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1930	E3	R	1.9	PU
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Cornelius	CB16XF21	RXF	R	1.6	PG+
Cornelius	CB18XF88	RXF	R	1.8	PG+
Croplan	CP2123E CK	E3	MR	2.1	Untreated
FS HiSOY	HS 15E10	E3	R	1.5	ACi,SA
FS HiSOY	HS 15F30	RXF	R	1.5	ACi,SA
FS HiSOY	HS 18E30	E3	R	1.8	ACi,SA
FS HiSOY	HS 18F20	RXF	R	1.8	ACi,SA
Genesis	G1760E	E3	R	1.7	EcQ,NF,NH,SA
Genesis	G1950E	E3	R	1.9	EcQ,NF,NH,SA
Genesis	G1980E	E3	R	1.9	EcQ,NF,NH,SA
Golden Harvest	GH1973E3S §	E3,ST	R	1.9	CMB-APX,SA
Golden Harvest	GH2004XF §	RXF	MR	2.0	CMB-APX,SA
Hefty	H18E3	E3	R	1.8	DST5
Hefty	H20E3	E3	R	2.0	DST5
Jacobsen	J1873E3	E3	R	1.8	Treated
Jacobsen	J1942E3	E3	R	1.9	Treated
Kruger	K1804XF	RXF	R	1.8	ACi,IL
Kruger	K1914XF	RXF	R	1.9	ACi,IL
NuTech	16N04E	E3	R	1.6	Lum,Lu,IL
NuTech	18N03E	E3	R	1.8	Lum,Lu,Lud,IL
NuTech	20N05E	E3	R	2.0	Lum,Lu,Lud,IL
P3 Genetics	2216E	E3	R	1.6	PG+
P3 Genetics	2218E	E3	R	1.8	PG+
P3 Genetics	2320E	E3	R	2.0	PG+
Pioneer	P18A73E §	E3	NA	1.8	Untreated
Pioneer	P19A66E §	E3	NA	1.9	Untreated
Stine	19EG92 §	E3	R	1.9	ACi
Stine	20EG02 §	E3	R	2.0	ACi
Titan Pro	TP 18E22 GC	E3	R	1.8	Untreated
Titan Pro	TP 20E22	E3	R	2.0	SA,A,R,TU
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	Z1702E	E3	NA	1.7	DST5
Zinesto	Z1802E	E3	NA	1.8	DST5
Zinesto	Z1902E	E3	NA	1.9	DST5
Zinesto	Z2002E	E3	NA	2.0	DST5

2023 Soybeans - Iowa North [IANO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2130	E3	MR	2.1	PU
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Asgrow	AG25XF3 §	RXF	R	2.5	ACi,IL
Cornelius	CB22XF52	RXF	R	2.2	PG+
Croplan	CP2123E CK	E3	MR	2.1	Untreated
FS HiSOY	HS 21E20	E3	R	2.1	ACi,SA
FS HiSOY	HS 24E30	E3	R	2.4	ACi,SA
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
Genesis	G2180E	E3	R	2.1	EcQ,NF,NH,SA
Genesis	G2480E	E3	R	2.4	EcQ,NF,NH,SA
Genesis	G2550E	E3	R	2.5	EcQ,NF,NH,SA
Genesis	G2570ES	E3,ST	R	2.5	EcQ,NF,NH,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMB-APX,SA
Golden Harvest	GH2313XF §	RXF	R	2.3	CMB-APX,SA
Hoegemeyer	2254 E GC	E3	R	2.2	Lum, LumT, IL
Kruger	K2115XF	RXF	R	2.1	ACi,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
NuTech	22N03E	E3	R	2.2	Lum,Lu,Lud,IL
NuTech	24N05E	E3	R	2.4	Lum,Lu,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
P3 Genetics	2322E	E3	R	2.2	PG+
Pioneer	P21A53E §	E3	NA	2.1	Untreated
Renk	RS214NXF	RXF	R	2.1	Treated
Stine	21EG32 §	E3	R	2.1	ACi
Stine	24FD32 §	RXF	R	2.4	ACi
Titan Pro	TP 22E23	E3	R	2.2	SA,A,R,TU
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,TU
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 2444E	E3,ST	R	2.4	PV,IL,OB,Rey
Zinesto	Z2101E	E3	R	2.1	DST5
Zinesto	Z2202E	E3	NA	2.2	DST5
Zinesto	Z2303E	E3	R	2.3	DST5
Zinesto	Z2401E	E3	R	2.4	DST5

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®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,TU	Saltro, AllegianceFL, Redigo480, TriUp
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.