

2023 Soybeans Top 30 Region Summary for Iowa Northwest [IANW]

Early-Season Test
Maturity Group 1.9 - 2.4
S2023IANWa

Top 30 of 30

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	Emmetsburg	Hartley	Hull	Laurens
HEFTY	H18E3 ↗	E3	1.8	R	70.7			10.6	3	891	1	69.9	71.7	69.2	71.9
FS HISOY	HS 18F20 ↗	RXF	1.8	R	69.4			10.6	1	874	2	72.0	67.1	68.6	69.9
XITAVO	XO 1632E ↗	E3	1.6	R	69.3			10.7	4	873	3	69.3	71.7	69.2	67.1
XITAVO	XO 1822E ↗	E3	1.8	R	69.2			10.6	10	872	4	73.2	64.7	67.3	71.7
ASGROW	AG19XF3 § ↗	RXF	1.9	R	69.1			10.6	6	870	5	68.6	71.6	67.2	68.7
ASGROW	AG18XF1 § ↗	RXF	1.8	R	68.6			10.4	2	865	6	70.2	66.9	66.1	71.2
TITAN PRO	TP 18E22 GC ↗	E3	1.8	R	68.0			10.5	2	856	8	60.1	68.1	70.0	73.6
TITAN PRO	TP 20E22 GC ↗	E3	2.0	R	67.8			10.6	2	855	9	63.5	64.2	74.0	69.7
FS HISOY	HS 15E10 ↗	E3	1.5	R	67.1			10.6	3	846	10	68.5	63.1	65.9	71.1
GOLDEN HARVEST	GH2004XF § ↗	RXF	2.0	MR	67.1			10.4	1	846	11	60.6	66.5	65.3	76.0
CORNELIUS	CB18XF88 GC ↗	RXF	1.8	R	67.1			10.3	6	845	12	66.8	58.8	73.4	69.3
STINE	19EG92 § ↗	E3	1.9	R	66.8			10.4	5	842	13	66.3	63.3	68.7	68.9
ZINESTO	Z1802E ↗	E3	1.8	NA	66.7			10.5	9	840	14	67.4	57.2	72.2	69.9
FS HISOY	HS 15F30 ↗	RXF	1.5	R	66.5			10.8	2	838	15	62.8	65.1	68.0	70.0
PIONEER	P19A66E § ↗	E3	1.9	NA	66.3			10.2	8	836	16	62.9	65.3	69.6	67.5
STINE	20EG02 § ↗	E3	2.0	R	66.3			10.8	8	835	17	68.2	63.4	64.1	69.4
FS HISOY	HS 18E30 ↗	E3	1.8	R	65.9			10.5	2	830	18	67.4	60.2	66.2	69.6
PIONEER	P18A73E § ↗	E3	1.8	NA	65.7			10.2	5	828	19	60.1	68.2	68.0	66.7
ZINESTO	Z1902E ↗	E3	1.9	NA	65.4			10.4	3	825	20	56.2	67.2	73.0	65.3
HEFTY	H20E3 ↗	E3	2.0	R	65.3			10.5	3	823	21	62.5	57.7	71.2	69.9
KRUGER	K1804XF ↗	RXF	1.8	R	65.2			10.2	3	822	22	59.4	59.3	74.5	67.7
XITAVO	XO 1761E ↗	E3	1.7	R	64.5			10.4	1	813	23	61.0	70.0	60.4	66.5
GOLDEN HARVEST	GH2083E3S § ↗	E3,ST	2.0	R	63.6			10.8	4	801	24	60.9	65.2	63.2	65.1
CORNELIUS	CB16XF21 GC ↗	RXF	1.6	R	62.9			10.5	5	793	25	53.8	63.5	65.9	68.4
ZINESTO	Z2002E ↗	E3	2.0	NA	62.6			10.8	20	789	26	64.0	54.5	64.7	67.4
XITAVO	XO 1971E ↗	E3	1.9	R	61.8			10.5	3	778	27	59.1	65.7	57.5	64.7
KRUGER	K1914XF ↗	RXF	1.9	R	61.4			10.4	8	775	28	63.7	51.5	65.3	65.3
ZINESTO	Z1603E ↗	E3	1.6	R	60.6			10.4	1	763	29	59.9	63.7	52.0	66.7
HEFTY	H16E4 ↗	E3	1.6	R	59.7			10.9	3	753	30	66.5	53.9	54.4	64.2
CROPLAN	CP2520E CK ↗	E3	2.5	R	68.3			10.5	10	861	7	71.0	58.5	73.0	70.6
CROPLAN	CP2520E CK	E3	2.5	R	68.3			10.5	10	861	7	71.0	58.5	73.0	70.6

Corey Rozenboom

Averages =	66.0	na	na	10.5	5	831	64.5	63.6	66.9	68.8
LSD (0.10) =	4.0	na	na	0.3	6		4.2	5.3	3.5	2.6
LSD (0.25) =	2.1	na	na	0.1	3		2.2	2.8	1.9	1.4

Corey Rozenboom

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Prev. years average yield for region: 60.04 bu/a, 10 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 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: 10/10/2023

2023 Soybeans Top 30 Region Summary for Iowa Northwest [IANW]

Full-Season Test
Maturity Group 2.5 - 2.8
S2023IANWb

Top 30 of 30
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	Emmetsburg	Hartley	Hull	Laurens
CORNELIUS	CB22XF52 ↗	RXF	2.2	R	74.7			10.4	2	941	1	70.9	75.6	72.5	79.8
TITAN PRO	TP 25E22 ↗	E3	2.5	R	73.8			10.9	2	930	2	74.8	72.9	74.6	72.8
GOLDEN HARVEST	GH2544XF § ↗	RXF	2.5	R	72.4			10.6	5	913	3	71.0	74.1	72.4	72.2
XITAVO	XO 2444E ↗	E3,ST	2.4	R	72.4			10.8	2	912	4	70.9	72.7	77.0	68.9
HOEGEMEYER	2574 E ↗	E3	2.5	R	71.4			10.6	1	900	5	75.0	73.1	71.6	66.0
ASGROW	AG21XF2 § ↗	RXF	2.1	R	71.0			10.6	1	895	6	76.8	65.8	66.0	75.4
ZINESTO	Z2303E ↗	E3	2.3	R	70.8			10.5	3	892	7	72.2	73.4	70.5	67.0
GENESIS	G2570ES ↗	E3,ST	2.5	R	70.7			10.5	1	891	8	69.7	64.1	75.2	73.8
XITAVO	XO 2323E ↗	E3	2.3	R	69.7			10.8	4	878	9	75.0	66.3	69.3	68.1
GOLDEN HARVEST	GH2292E3 § ↗	E3	2.2	MR	69.6			10.5	2	877	10	73.7	69.3	64.3	71.0
GENESIS	G2550E ↗	E3	2.5	R	69.4			10.8	4	875	11	73.8	66.4	65.7	71.7
XITAVO	XO 2282E ↗	E3	2.2	R	69.4			10.4	1	874	12	73.4	67.5	69.7	66.8
GENESIS	G2480E ↗	E3	2.4	R	68.7			10.3	1	866	13	68.5	63.8	72.0	70.6
FS HISOY	HS 25E30 ↗	E3	2.5	R	68.5			10.6	3	863	14	71.7	60.2	71.8	70.3
KRUGER	K2294XF ↗	RXF	2.2	R	68.3			10.5	1	860	15	74.7	68.8	60.2	69.4
XITAVO	XO 2181E ↗	E3	2.1	R	67.7			10.5	6	853	17	68.3	69.3	61.5	71.7
FS HISOY	HS 24E30 ↗	E3	2.4	R	67.4			10.7	2	850	18	68.1	63.9	71.8	66.1
ZINESTO	Z2401E ↗	E3	2.4	R	67.2			10.8	2	846	19	65.7	65.5	67.5	70.0
KRUGER	K2115XF ↗	RXF	2.1	R	67.1			10.6	7	845	20	72.0	60.5	67.9	67.8
FS HISOY	HS 23F10 ↗	RXF	2.3	R	67.0			10.6	1	845	21	69.7	63.0	70.0	65.4
FS HISOY	HS 23E10 ↗	E3,ST	2.3	R	66.7			10.5	1	840	22	66.0	62.0	74.3	64.4
PIONEER	P21A53E § ↗	E3	2.1	NA	66.5			10.3	2	838	23	66.0	71.8	58.6	69.7
ZINESTO	Z2202E ↗	E3	2.2	NA	66.2			10.6	1	834	24	64.3	64.4	66.1	69.9
HOEGEMEYER	2254 E ↗	E3	2.2	R	66.1			10.7	1	833	25	70.3	68.5	61.3	64.4
STINE	21EG32 § ↗	E3	2.1	R	66.1			10.9	1	833	26	71.7	66.0	60.9	65.8
TITAN PRO	TP 22E23 ↗	E3	2.2	R	65.8			10.4	1	830	27	61.8	61.6	69.5	70.4
ZINESTO	Z2101E ↗	E3	2.1	R	65.8			10.6	1	829	28	63.5	69.5	59.0	71.3
STINE	24FD32 § ↗	RXF	2.4	R	65.7			10.5	1	828	29	63.5	55.1	74.9	69.4
ASGROW	AG25XF3 § ↗	RXF	2.5	R	64.9			10.7	3	817	30	65.4	64.0	63.2	66.8
CROPLAN	CP2520E CK ↗	E3	2.5	R	67.8			10.4	2	855	16	70.4	58.2	71.7	71.0
CROPLAN	CP2520E CK	E3	2.5	R	67.8			10.4	2	855	16	70.4	58.2	71.7	71.0

<i>Corey Rozenboom</i>	Averages =	68.6	na	na	10.6	2	865	69.9	66.6	68.4	69.6
	LSD (0.10) =	3.9	na	na	ns	ns		3.8	4.8	3.3	2.5
	LSD (0.25) =	2.0	na	na	ns	ns		2.0	2.5	1.7	1.3

corey.rozenboom@firstseedtests.com, (319) 830-8886 Prev. years average yield for region: 60.04 bu/a, 10 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 full product yield results at www.firstseedtests.com. Oil and Protein values are average results of 1 sample per location.

2023 Soybeans - Iowa Northwest [IANW]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Cornelius	CB16XF21 GC	RXF	R	1.6	PG+
Cornelius	CB18XF88 GC	RXF	R	1.8	PG+
Croplan	CP2520E CK	E3	R	2.5	W
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
Golden Harvest	GH2004XF §	RXF	MR	2.0	CMB-APX,SA
Golden Harvest	GH2083E3S §	E3,ST	R	2.0	CMB-APX,SA
Hefty	H16E4	E3	R	1.6	DST5
Hefty	H18E3	E3	R	1.8	DST5
Hefty	H20E3	E3	R	2.0	DST5
Kruger	K1804XF	RXF	R	1.8	ACi,IL
Kruger	K1914XF	RXF	R	1.9	ACi,IL
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 GC	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	Z1603E	E3	R	1.6	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 Northwest [IANW]

Full-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Asgrow	AG25XF3 §	RXF	R	2.5	ACi,IL
Cornelius	CB22XF52	RXF	R	2.2	PG+
Croplan	CP2520E CK	E3	R	2.5	W
FS HiSOY	HS 23E10	E3,ST	R	2.3	ACi,SA
FS HiSOY	HS 23F10	RXF	R	2.3	ACi,SA
FS HiSOY	HS 24E30	E3	R	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	R	2.5	ACi,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	GH2544XF §	RXF	R	2.5	CMB-APX,SA
Hoegemeyer	2254 E	E3	R	2.2	Lum, LumT, IL
Hoegemeyer	2574 E	E3	R	2.5	Lum,Lu,IL
Kruger	K2115XF	RXF	R	2.1	ACi,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Pioneer	P21A53E §	E3	NA	2.1	Untreated
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, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,TU	Saltro, AllegianceFL, Redigo480, TriUp
Untreated	No seed treatment
W	Warden® CX

* Seed treatments may include unspecified plant health promoting components.