

2023 Soybeans Top 30 Region Summary for Iowa North Central [IANC]

Early-Season Test
Maturity Group 2.1 - 2.5
S2023IANCa

Top 30 of 36

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Galva REJECTED	Iowa Falls REJECTED	Moorland	Waterloo
GOLDEN HARVEST	GH2544XF §	RXF	2.5	R	65.1	33.3	20.3	11.5	2	820	1		51.0	73.5	56.6
HOEGEMEYER	2484 E	E3	2.4	R	64.3	33.8	19.4	11.5	2	810	2	64.7	49.3	71.0	57.5
FS HISOY	HS 25E30	E3	2.5	R	64.2	32.8	20.3	11.4	5	809	3	67.4	48.2	69.2	59.2
TITAN PRO	TP 25E22	E3	2.5	R	63.6	32.5	20.4	11.6	5	801	4	67.5	42.8	67.1	60.1
GENESIS	G2480E	E3	2.4	R	63.2	33.6	19.5	11.6	2	797	5	61.9	57.2	65.8	60.7
STINE	24FD32 §	RXF	2.4	R	63.2	32.9	20.6	11.8	2	796	6		60.7	67.7	58.6
NUTECH	24N05E	E3	2.4	R	63.0	33.2	19.3	11.7	2	794	7	65.4	5	69.9	56.0
P3 GENETICS	2325E	E3	2.5	R	62.7	34.1	20.0	11.5	1	791	8	70	49	65.4	60.1
HOEGEMEYER	2194 E	E3	2.1	R	62.0	35.8	19.8	11.5	1	782	9	63	5	68.3	55.8
P3 GENETICS	2322E	E3	2.2	R	62.0	34.6	19.6	11.8	1	782	10	69	6	67.0	57.1
ASGROW	AG21XF2 §	RXF	2.1	R	61.9	34.8	19.8	11.7	1	780	11		5	67.4	56.4
GOLDEN HARVEST	GH2292E3 §	E3	2.2	MR	61.7	34.9	19.6	11.6	2	778	12		5	67.8	55.6
APEX	AE2440	E3	2.4	R	61.3	33.2	19.9	11.6	2	773	13		5	68.3	54.3
P3 GENETICS	2424E	E3	2.4	R	61.1	33.7	20.0	11.6	1	770	14	68	5	67.5	54.7
CORNELIUS	CB23XF63	RXF	2.3	R	61.1	34.1	19.2	11.7	2	770	15		73.5	66.0	56.1
ZINESTO	Z2303E	E3	2.3	R	60.9	34.9	19.5	12.1	2	767	16	58	5	67.4	54.4
ZINESTO	Z2404E	E3	2.4	R	60.8	33.0	19.5	11.6	2	766	17	69	5	69.8	51.8
FS HISOY	HS 23F10	RXF	2.3	R	60.4	33.7	19.8	11.7	3	761	19		4	65.0	55.8
XITAVO	XO 2282E	E3	2.2	R	59.6	33.8	20.1	11.6	1	751	20	68	7	65.4	53.7
CORNELIUS	CB25XF99	RXF	2.5	R	59.5	33.3	19.5	11.6	2	750	21		5	66.8	52.2
ZINESTO	Z2101E	E3	2.1	R	59.0	34.3	20.3	11.8	1	743	22	59	5	62.3	55.6
XITAVO	XO 2444E	E3,ST	2.4	R	58.7	33.6	19.9	11.4	4	740	23	64	5	60.9	56.5
KRUGER	K2115XF	RXF	2.1	R	58.1	33.7	20.0	11.8	1	733	24		4	61.4	54.9
NUTECH	22N03E	E3	2.2	R	58.0	34.3	19.2	11.8	2	731	25	64.0	5	62.0	54.0
P3 GENETICS	2421E	E3	2.1	R	57.6	34.3	20.6	12.1	1	726	26	62.2	48.9	64.1	51.0
KRUGER	K2294XF	RXF	2.2	R	57.5	33.8	19.7	11.9	1	725	27		55.5	60.0	55.0
FS HISOY	HS 23E10	E3,ST	2.3	R	57.0	33.3	20.7	11.9	3	719	28	65.2	49.4	63.0	51.0
GENESIS	G2550E	E3	2.5	R	56.9	33.7	20.4	11.5	1	718	29	65.4	55.6	62.6	51.3
XITAVO	XO 2501E	E3	2.5	R	56.8	34.1	20.0	11.4	2	715	30	66.5	59.2	59.1	54.4
STINE	21EG32 §	E3	2.1	R	56.1	34.6	21.1	12.2	1	707	31	60.1	41.4	63.9	48.3
CROPLAN	CP2520E CK	E3	2.5	R	60.7	33.8	20.1	11.5	3	765	18	65.9	56.5	64.2	57.2
					Averages =	59.8	33.9	19.9	11.6	2	753	64.8	54.1	65.0	54.6
					LSD (0.10) =	3.4	0.8	0.5	0.2	2		3.9	9.1	3.1	2.4
					LSD (0.25) =	1.8	0.4	0.3	0.1	1		2.0	4.8	1.6	1.3

Corey Rozenboom

Corey Rozenboom

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Prev. years average yield for region: 55.12 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. * 2 reps for the site.

Additional reports available at www.firstseedtests.com

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

2023 Soybeans Top 30 Region Summary for Iowa North Central [IANC]

Full-Season Test
Maturity Group 2.6 - 2.9
 S2023IANCb

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For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Galva REJECTED	Iowa Falls	Moorland	Waterloo
STINE	28EG29 §	E3	2.8	R	58.5	33.6	19.4	11.5	2	737	1	67.0	45.9	70.0	59.6
NUTECH	27N03E	E3	2.7	R	58.3	33.3	19.6	11.1	3	735	2	68.5	45.7	70.0	59.2
FS HISOY	HS 28F30	RXF	2.8	R	54.2	34.8	19.0	11.2	1	683	4		47.7	59.4	55.6
NUTECH	27N06E	E3	2.7	R	54.0	35.1	19.0	10.8	1	680	5		47.9	58.5	55.5
GOLDEN HARVEST	GH2674E3 §	E3	2.6	MR	53.5	33.3	18.8	11.4	3	674	6		37.8	66.1	56.5
FS HISOY	HS 28E10	E3	2.8	R	53.5	33.7	19.1	11.3	3	673	7		40.4	62.6	57.3
ASGROW	AG27XF3 §	RXF	2.7	R	53.4	32.9	19.1	11.0	4	673	8		40.5	61.9	57.9
GENESIS	G2780E	E3	2.7	R	53.3	33.9	19.3	11.3	1	671	9		45.6	61.1	53.1
ZINESTO	Z2604E	E3	2.6	R	53.2	33.1	18.7	11.1	1	671	10		42.7	61.6	55.4
P3 GENETICS	2326E	E3	2.6	R	53.1	33.7	19.1	11.4	3	669	11		42.4	61.6	55.4
XITAVO	XO 2832E	E3	2.8	R	52.9	34.1	19.1	11.3	1	666	12		42.1	60.0	56.6
STINE	27EG22 §	E3	2.7	R	52.7	33.6	19.2	11.3	1	664	13		38.5	64.7	55.0
FS HISOY	HS 27E30	E3	2.7	R	52.6	34.1	18.9	11.2	2	663	14		40.5	61.7	55.6
PIONEER	P26T57E §	E3	2.6	R	52.6	33.8	18.6	11.3	2	662	15		39.4	65.6	52.7
KRUGER	K2604XF	RXF	2.6	R	52.2	34.4	18.8	11.2	2	658	16		37.6	61.4	57.6
XITAVO	XO 2613E	E3	2.6	R	52.1	34.6	18.7	11.5	1	656	17		38.1	60.9	57.2
ZINESTO	Z2700E	E3	2.7	R	51.6	33.8	19.4	11.2	5	650	18		40.5	58.9	55.4
NUTECH	29N04E	E3	2.9	R	51.6	33.8	19.7	10.9	1	650	19		33.8	65.3	55.6
FS HISOY	HS 26E20	E3	2.6	R	50.9	33.5	19.3	11.5	1	641	20		37.8	64.8	50.0
HOEGEMEYER	2724 E GC	E3	2.7	R	50.4	34.9	18.9	10.8	2	636	21		32.9	62.7	55.7
TITAN PRO	TP 29E23	E3	2.9	R	50.1	33.4	18.8	11.1	1	631	22		36.9	59.4	53.9
XITAVO	XO 2963E	E3	2.9	R	49.9	34.1	18.5	11.5	1	629	23		31.1	62.8	55.9
PIONEER	P28A65E §	E3	2.8	R	49.8	35.2	18.7	10.6	2	628	24		35.1	61.7	52.7
GOLDEN HARVEST	GH2814E3S §	E3,ST	2.8	MR	49.6	34.5	19.0	11.4	3	626	25		38.5	57.7	52.8
NUTECH	29N02E	E3	2.9	R	49.1	34.0	19.5	10.9	2	618	26		32.4	60.3	54.5
ZINESTO	Z2902E	E3	2.9	NA	49.0	35.0	18.8	11.4	2	617	27		30.8	59.8	56.4
ASGROW	AG28XF3 §	RXF	2.8	R	48.8	35.2	19.0	10.6	3	615	28		29.5	60.6	56.2
KRUGER	K2816XF	RXF	2.8	R	48.8	34.0	18.1	11.0	5	614	29		36.7	57.4	52.2
CORNELIUS	CB27XF72	RXF	2.7	R	47.7	34.6	18.9	10.7	1	601	30		29.1	60.1	53.9
HOEGEMEYER	2834 E GC	E3	2.8	R	47.5	33.8	20.2	11.0	1	598	31	66.2	33.0	56.9	52.5
CROPLAN	CP2520E CK	E3	2.5	R	55.5	34.1	19.2	11.0	2	699	3	67.2	44.6	64.7	57.1
					Averages =	51.4	34.1	19.0	11.1	2	647	65.2	37.8	61.5	55.0
					LSD (0.10) =	3.6	0.7	0.4	0.2	2		4.2	6.8	3.5	2.2
					LSD (0.25) =	1.9	0.4	0.2	0.1	1		2.2	3.6	1.8	1.1

Damaged by herbicide and drought variability

Corey Rozenboom

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† 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. * 2 reps for the site.

Additional reports available at www.firstseedtests.com

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

2023 Soybeans - Iowa North Central [IANC]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2440	E3	R	2.4	PU
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Asgrow	AG25XF3 §	RXF	R	2.5	ACi,IL
Cornelius	CB23XF63	RXF	R	2.3	PG+
Cornelius	CB25XF99	RXF	R	2.5	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
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMB-APX,SA
Golden Harvest	GH2544XF §	RXF	R	2.5	CMB-APX,SA
Hoegemeyer	2194 E	E3	R	2.1	Lum, LumT, IL
Hoegemeyer	2484 E	E3	R	2.4	Lum,Lu,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,Lud,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
P3 Genetics	2322E	E3	R	2.2	PG+
P3 Genetics	2325E	E3	R	2.5	PG+
P3 Genetics	2421E	E3	R	2.1	PG+
P3 Genetics	2424E	E3	R	2.4	PG+
Stine	21EG32 §	E3	R	2.1	ACi
Stine	24FD32 §	RXF	R	2.4	ACi
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,TU
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
Xitavo	XO 2501E	E3	R	2.5	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	Z2404E	E3	R	2.4	DST5

2023 Soybeans - Iowa North Central [IANC]

Full-Season Test Products (34 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Cornelius	CB27XF72	RXF	R	2.7	PG+
Croplan	CP2520E CK	E3	R	2.5	W
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA
FS HiSOY	HS 28F30	RXF	R	2.8	ACi,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Golden Harvest	GH2674E3 §	E3	MR	2.6	CMB-APX,SA
Golden Harvest	GH2814E3S §	E3,ST	MR	2.8	CMB-APX,SA
Hoegemeyer	2724 E GC	E3	R	2.7	Lum,Lu,IL
Hoegemeyer	2834 E GC	E3	R	2.8	Lum,Lu,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Mustang	29E224	E3	R	2.9	Treated
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	27N06E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL
P3 Genetics	2326E	E3	R	2.6	PG+
Pioneer	P26T57E §	E3	R	2.6	Untreated
Pioneer	P28A65E §	E3	R	2.8	Untreated
Pioneer	P29A19E §	E3	MR	2.9	Untreated
Stine	27EG22 §	E3	R	2.7	ACi
Stine	28EG29 §	E3	R	2.8	ACi
Titan Pro	TP 29E23	E3	R	2.9	SA,A,R,TU
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Zinesto	Z2604E	E3	R	2.6	DST5
Zinesto	Z2700E	E3	R	2.7	DST5
Zinesto	Z2902E	E3	NA	2.9	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, Saltr®
CMB-APX,SA	CruiserMaxx® APX with Saltr®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltr
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	Saltr, AllegianceFL, Redigo480, TriUp
Treated	Treated, unspecified
Untreated	No seed treatment
W	Warden® CX

* Seed treatments may include unspecified plant health promoting components.