

2022 Soybeans Top 30 Region Summary for Iowa Northwest [IANW]

Early-Season Test

Maturity Group 1.9 - 2.4

S2022IANWa

Top 30 of 35

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	Galva	Gillett Grove	Hartley	Sioux Center
NK BRAND	NK23-T9XF ↗	RXF	2.3	R	64.9	34.0	19.7	9.1	0	860	1	70.4	48.6	62.2	78.3
STINE	17EE32 § ↗	E3	1.7	R	64.8	34.1	20.1	8.9	0	858	2	71.2	46.8	68.5	72.5
XITAVO	XO 2323E ↗	E3	2.3	R	63.4	34.6	19.8	8.9	0	841	3	69.5	48.3	55.4	80.6
GOLDEN HARVEST	GH2083E3S ↗	E3,ST	2.0	R	62.8	33.4	20.4	8.9	0	833	4	68.0	46.4	65.1	71.8
LATHAM	L 2049 E3 ↗	E3	2.0	R	61.7	33.5	20.4	8.8	0	818	5	65.7	40.5	67.4	73.2
FS HISOY	HS 23E10 ↗	E3,ST	2.3	R	61.6	33.7	20.3	9.0	0	817	6	64.5	43.5	61.3	77.2
XITAVO	XO 1971E ↗	E3	1.9	R	61.0	34.0	19.9	8.8	0	809	7	65.4	45.1	64.8	68.7
ZINESTO	Z1902E ↗	E3	1.9	NA	60.8	33.6	20.3	8.8	0	806	8	62.4	44.4	68.9	67.6
NK BRAND	NK19-D5XF § ↗	RXF	1.9	R	60.8	35.5	19.6	8.7	0	806	9	65.8	44.5	63.4	69.5
FS HISOY	HS 21E20 ↗	E3	2.1	R	60.6	34.6	19.9	9.0	0	803	11	69.2	40.3	63.3	69.6
GOLDEN HARVEST	GH2292E3 § ↗	E3	2.2	MR	60.2	34.2	19.2	8.7	0	798	12	65.6	41.5	58.1	75.7
LATHAM	L 1947 E3 ↗	E3	1.9	R	59.7	33.8	20.3	8.8	0	792	13	64.8	43.0	61.1	70.1
STINE	22EF23 § ↗	E3	2.2	R	59.7	34.5	19.8	8.8	0	791	14	70.9	41.3	47.1	79.4
XITAVO	XO 2181E ↗	E3	2.1	R	59.4	34.2	19.8	9.0	0	787	15	67.5	40.7	58.3	71.2
KRUGER	K2294XF ↗	RXF	2.2	R	59.3	33.9	19.9	9.0	0	787	16	68.5	41.8	51.2	75.9
ZINESTO	Z2401E ↗	E3	2.4	R	59.2	33.2	21.0	9.1	0	785	17	70.4	41.0	59.4	66.1
NK BRAND	NK19-T8E3S ↗	E3,ST	1.9	R	59.2	34.3	20.0	8.9	0	784	18	60.9	43.8	66.5	65.6
FS HISOY	HS 21F20 ↗	RXF	2.1	R	59.2	33.9	19.5	9.0	0	784	19	66.0	44.6	61.1	65.0
LATHAM	L 2193 E3 ↗	E3	2.1	R	59.0	34.9	19.6	8.9	0	782	20	68.0	44.4	54.0	69.7
ZINESTO	Z2303E ↗	E3	2.3	R	59.0	34.7	19.1	9.0	0	782	21	69.5	38.4	52.5	75.7
CROPLAN	CP2240XF GC ↗	RXF	2.2	R	58.9	34.9	19.0	8.9	0	781	22	64.3	40.4	60.8	70.1
XITAVO	XO 2472E ↗	E3,ST	2.4	R	58.9	33.5	20.1	9.0	0	780	23	71.0	43.8	40.2	80.4
PIONEER	P20T64E § ↗	E3	2.0	R	58.8	34.6	20.2	8.9	0	780	24	64.2	36.9	64.0	70.2
HOEGEMEYER	1903 E ↗	E3	1.9	R	58.5	32.7	20.9	8.8	0	775	25	61.6	45.1	62.1	65.0
KRUGER	K1914XF ↗	RXF	1.9	R	58.3	33.4	19.9	8.8	0	772	26	62.8	46.1	56.2	68.0
TITAN PRO	TP 20E22 ↗	E3	2.0	R	57.1	32.7	20.8	8.9	0	757	27	61.7	42.1	55.4	69.2
FS HISOY	HS 24F00 ↗	RXF,ST	2.4	R	57.1	35.2	18.7	9.3	0	756	28	67.6	47.0	43.1	70.6
HOEGEMEYER	2123 E ↗	E3	2.1	R	56.8	32.6	20.7	8.8	0	753	29	62.8	41.6	54.7	68.1
ASGROW	AG24XF3 § ↗	RXF	2.4	R	56.7	34.3	19.3	8.9	0	751	30	65.6	38.8	52.5	69.9
ZINESTO	Z2101G ↗	LLGT27	2.1	R	56.3	34.8	19.4	9.0	0	746	31	63.4	42.6	53.2	65.9
CROPLAN	CP2520E CK	E3	2.5	R	60.6	33.4	20.6	9.0	0	803	10	65.7	44.9	63.2	68.7

Corey Rozenboom

Averages = 59.1 34.0 19.9 8.9 0 783 65.5 42.5 57.4 70.8

LSD (0.10) = 4.5 0.4 0.4 0.2 ns 2.6 2.5 5.7 2.7

Corey Rozenboom

LSD (0.25) = 2.4 0.2 0.2 0.1 ns 1.4 1.3 3.0 1.4

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Prev. years average yield for region: 59.44 bu/a, 9 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: 10/13/2022

Revised: 12/08/2022

Protein and oil results added

2022 Soybeans Top 30 Region Summary for Iowa Northwest [IANW]

Full-Season Test

Maturity Group 2.5 - 2.8

S2022IANWb

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	Galva	Gillett Grove	Hartley	Sioux Center
HOEGEMEYER	2763 E ↗	E3	2.7	R	62.5	33.8	20.3	8.9	0	828	1	69.3	49.8	65.5	65.3
STINE	26EC32 § ↗	E3	2.6	R	61.2	33.5	19.2	9.9	0	812	2	66.2	48.6	60.3	69.9
ASGROW	AG27XF3 § ↗	RXF	2.7	R	60.1	32.8	19.7	9.9	0	797	4	75.3	42.2	62.5	60.6
KRUGER	K2604XF ↗	RXF	2.6	R	59.2	34.8	19.3	9.3	0	784	5	64.9	49.0	58.3	64.6
FS HISOY	HS 27F20 ↗	RXF	2.7	R	58.9	33.2	19.7	9.2	0	780	6	68.2	39.6	64.7	63.0
XITAVO	XO 2501E ↗	E3	2.5	R	58.9	33.6	20.5	8.9	0	780	7	66.2	44.1	63.1	62.0
NK BRAND	NK25-C9XF § ↗	RXF	2.5	MR	58.8	33.7	19.9	8.9	0	779	8	69.0	48.2	57.6	60.4
KRUGER	K2793XF ↗	RXF	2.7	R	58.6	35.0	19.2	9.5	0	776	9	66.6	46.2	55.2	66.4
LATHAM	L 2786 XF ↗	RXF	2.7	R	58.5	35.3	18.8	9.7	0	776	10	68.4	39.2	60.8	65.7
GOLDEN HARVEST	GH2653XF ↗	RXF	2.6	R	58.5	34.3	19.4	8.9	0	775	11	68.2	44.9	58.0	62.8
ZINESTO	Z2603E ↗	E3	2.6	R	58.2	34.1	20.0	9.3	0	772	12	66.9	40.2	58.5	67.3
STINE	26EF23 § ↗	E3	2.6	R	58.2	34.1	19.9	9.4	0	770	13	69.1	38.2	60.3	64.9
LATHAM	L 2638 E3 ↗	E3	2.6	R	58.1	33.3	19.4	9.5	0	769	14	66.7	42.8	58.0	64.7
PIONEER	P26T23E § ↗	E3	2.6	R	57.9	34.2	19.7	9.1	0	768	15	67.3	37.9	59.7	66.9
PIONEER	P26T57E § ↗	E3	2.6	R	56.9	33.5	19.4	9.3	0	753	16	65.8	42.2	54.1	65.3
KRUGER	K2594XF ↗	RXF	2.5	R	56.8	34.6	19.1	9.2	0	753	17	67.4	45.7	51.8	62.3
ZINESTO	Z2700E ↗	E3	2.7	R	56.5	33.6	20.1	9.4	0	749	18	68.2	39.3	58.5	59.9
LATHAM	L 2894 E3 ↗	E3	2.8	R	56.3	33.5	19.8	9.5	0	746	19	60.8	38.1	63.8	62.4
FS HISOY	HS 26F20 ↗	RXF	2.6	R	56.2	34.9	19.0	9.6	0	745	20	69.4	34.4	54.6	66.4
ZINESTO	Z2503E ↗	E3	2.5	R	56.1	34.7	19.4	9.0	0	744	21	67.3	36.3	58.0	63.0
FS HISOY	HS 26E20 ↗	E3	2.6	R	56.0	34.1	19.8	9.3	0	741	22	68.9	38.6	56.9	59.4
XITAVO	XO 2613E ↗	E3	2.6	R	55.7	34.4	19.3	9.1	0	738	23	62.5	39.3	55.1	66.0
GOLDEN HARVEST	GH2722XF § ↗	RXF	2.7	MR	55.7	34.1	19.7	9.3	0	737	24	67.1	38.9	57.6	59.0
XITAVO	XO 2832E ↗	E3	2.8	R	55.4	33.7	19.7	10.0	0	734	25	64.9	42.1	45.9	68.6
ASGROW	AG26XF3 § ↗	RXF	2.6	R	55.3	34.8	19.0	9.5	0	733	26	67.3	29.9	60.9	63.1
HOEGEMEYER	2831 E GC ↗	E3	2.8	R	54.7	34.2	20.1	10.6	0	725	27	67.2	37.1	46.1	68.6
FS HISOY	HS 28F20 ↗	RXF,ST	2.8	R	54.4	34.1	18.8	9.6	0	721	28	66.6	39.2	53.8	58.1
KRUGER	K2816XF ↗	RXF	2.8	R	53.0	34.9	18.6	9.4	0	702	29	66.5	36.3	48.9	60.1
HOEGEMEYER	2553 E ↗	E3	2.5	R	51.9	33.8	19.6	9.2	0	688	30	66.3	35.3	41.9	64.2
CROPLAN	CP2520E CK ↗	E3	2.5	R	60.4	33.8	20.7	9.0	0	800	3	66.2	46.0	62.0	67.3
CROPLAN	CP2520E CK	E3	2.5	R	60.4	33.8	20.7	9.0	0	800	3	66.2	46.0	62.0	67.3

Corey Rozenboom

Averages = 57.3 34.1 19.6 9.4 759 67.2 41.0 57.1 63.9

LSD (0.10) = 3.7 0.4 0.3 0.4 ns 1.9 2.8 4.5 3.1

Corey Rozenboom

LSD (0.25) = 1.9 0.2 0.2 0.2 ns 1.0 1.5 2.4 1.6

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Shrink = 1.0

Drying = \$0.02

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Report Date: 10/13/2022

Revised: 12/08/2022

Protein and oil results added

2022 Soybeans - Iowa Northwest [IANW]

Early-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG20XF1 §	RXF	R	2.0	Untreated
Asgrow	AG24XF3 §	RXF	R	2.4	ACi
Croplan	CP2240XF GC	RXF	R	2.2	Untreated
Croplan	CP2520E CK	E3	R	2.5	Untreated
FS HiSOY	HS 21E20	E3	R	2.1	ACi,SA,B-200
FS HiSOY	HS 21F20	RXF	R	2.1	ACi,SA,B-200
FS HiSOY	HS 23E10	E3,ST	R	2.3	ACi,SA,B-200
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA,B-200
Golden Harvest	GH2083E3S	E3,ST	R	2.0	CMBV,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMBV,SA
Hoegemeyer	1903 E	E3	R	1.9	Lum,Lu,IL
Hoegemeyer	2123 E	E3	R	2.1	Lum,Lu,IL
Kruger	K1914XF	RXF	R	1.9	ACi,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Latham	L 1947 E3	E3	R	1.9	SS+,SA
Latham	L 2049 E3	E3	R	2.0	SS+,SA
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2379 E3	E3	R	2.3	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	NK23-T9XF	RXF	R	2.3	CMBV,SA
Pioneer	P18T91E GC	E3	R	1.8	Untreated
Pioneer	P20T64E §	E3	R	2.0	Untreated
Pioneer	P21T72E §	E3	R	2.1	Untreated
Stine	17EE32 §	E3	R	1.7	SFI
Stine	22EF23 §	E3	R	2.2	SFI
Titan Pro	TP 20E22	E3	R	2.0	SA,A,R,G
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	R	2.1	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	Z1902E	E3	NA	1.9	DST4
Zinesto	Z2101G	LLGT27	R	2.1	DST4
Zinesto	Z2303E	E3	R	2.3	DST4
Zinesto	Z2401E	E3	R	2.4	DST4

2022 Soybeans - Iowa Northwest [IANW]

Full-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG26XF3 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Croplan	CP2520E CK	E3	R	2.5	Untreated
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA,B-200
FS HiSOY	HS 26F20	RXF	R	2.6	ACi,SA,B-200
FS HiSOY	HS 27F20	RXF	R	2.7	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
Golden Harvest	GH2653XF	RXF	R	2.6	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu,IL
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Hoegemeyer	2831 E GC	E3	R	2.8	Lum,Lu,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
NK Brand	NK25-C9XF §	RXF	MR	2.5	CMBV,SA
Pioneer	P26T23E §	E3	R	2.6	Untreated
Pioneer	P26T57E §	E3	R	2.6	Untreated
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB,Rey
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Zinesto	Z2503E	E3	R	2.5	DST4
Zinesto	Z2603E	E3	R	2.6	DST4
Zinesto	Z2700E	E3	R	2.7	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
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
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®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.