

2021 Soybeans Top 30 Performance Summary for Iowa North Central [IANC]

Early-Season Test

2.1 - 2.5 Day CRM

S2021IANCa

Top 30 of 48

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	Iowa Falls	Laurens	Moorland	Waterloo
LOYAL	L2530E ↗	E3	2.5	R	71.4			13.0	7	892	1	60.5	79.2	77.2	68.7
LATHAM	L 2549 R2X ↗	RRX	2.5	R	71.1			12.9	0	888	2	60.8	79.4	78.2	65.9
FS HISOY	25E00 ↗	E3	2.5	R	70.0			13.1	2	874	3	57.8	76.8	77.0	68.2
ZINESTO	Z2401E ↗	E3	2.4	R	69.2			13.0	6	864	4	54.3	80.3	70.8	71.2
GENESIS	G2550E ↗	E3	2.5	R	69.0			13.1	2	862	5	61.6	79.6	71.4	63.4
CREDENZ	CZ 2121GTLL ↗	LLGT27	2.1	MR	68.5			13.1	0	856	6	57.4	74.0	78.7	63.8
RENK	RS248NX ↗	RRX	2.4	R	68.0			13.2	4	850	7	56.4	72.8	77.4	65.4
GENESIS	G2460ES ↗	E3,ST	2.4	R	67.9			13.3	3	848	9	61.1	74.2	76.0	60.1
LATHAM	L 2458 E3 ↗	E3	2.4	R	67.7			13.4	7	845	10	64.4	74.6	72.3	59.5
NUTECH	24N04E ↗	E3	2.4	R	67.2			13.1	4	840	11	65.5	70.1	71.5	61.8
HOEGEMEYER	2421 E ↗	E3	2.4	R	67.2			13.2	0	840	12	63.2	65.5	78.4	61.7
GOLDEN HARVEST	GH2292E3 ↗	E3	2.2	MR	67.0			13.0	0	837	13	60.1	69.0	79.3	59.7
GOLDEN HARVEST	GH2102XF § ↗	RXF	2.1	MR	67.0			13.2	21	837	14	61.2	64.6	77.2	64.9
XITAVO	XO 2501E ↗	E3	2.5	R	66.9			13.0	0	836	15	59.0	67.3	74.6	66.8
RENK	RS242NXF ↗	RXF	2.4	R	66.8			13.1	0	835	16	61.9	72.8	69.9	62.6
ZINESTO	Z2302SE ↗	E3,ST	2.3	NA	66.8			13.3	7	834	17	62.5	69.7	74.0	61.0
HEFTY	H25XF1 ↗	RXF	2.5	NA	66.7			13.4	15	833	18	63.3	73.1	68.2	62.1
HEFTY	H23XF1 ↗	RXF	2.3	NA	66.5			13.5	0	831	19	56.8	75.1	72.8	61.4
NK BRAND	NK22-C4E3 § ↗	E3	2.2	R	66.1			13.0	0	826	20	60.6	65.0	78.6	60.2
ZINESTO	Z2101E ↗	E3	2.1	R	66.1			13.0	2	825	21	56.8	70.0	77.5	59.9
PIONEER	P25A54X GC ↗	RRX	2.5	R	65.9			13.0	0	824	22	58.0	76.2	64.6	64.9
NK BRAND	NK21-H4XF ↗	RXF	2.1	MR	65.8			13.2	20	821	23	60.7	63.2	73.5	65.6
HEFTY	H21XF2 ↗	RXF	2.1	NA	65.7			13.1	19	821	24	60.8	66.6	76.5	59.1
KRUGER	K2294XF ↗	RXF	2.2	R	65.7			13.4	0	821	26	56.0	72.2	72.1	62.5
XITAVO	XO 2181E ↗	E3	2.1	R	65.7			12.9	0	821	25	53.1	74.6	72.8	62.4
APEX	AE2420S ↗	E3,ST	2.4	R	65.6			13.3	0	820	27	58.5	69.1	75.6	59.3
KRUGER	K2391XF ↗	RXF	2.3	R	65.5			13.4	0	818	28	55.3	73.7	71.3	61.6
STINE	21EE62 § ↗	E3	2.1	R	65.5			13.4	5	817	29	58.0	69.0	74.2	60.6
GENESIS	G2260E ↗	E3	2.2	R	65.3			13.2	3	815	30	54.7	72.4	73.3	60.7
FS HISOY	23F10 ↗	RXF	2.3	R	64.9			13.5	5	811	31	52.4	73.1	73.5	60.6
CROPLAN	CP2400X CK	RRX	2.4	R	68.0			13.0	5	849	8	56.9	74.5	77.3	63.2

Corey Rozenboom

Averages =	65.7	na	na	13.2	4	821	57.2	70.1	73.7	61.7
LSD (0.10) =	3.8	na	na	0.1	8		4.1	5.2	2.9	3.7
LSD (0.25) =	2.0	na	na	0.1	4		2.1	2.7	1.5	1.9

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Prev. years average yield for region: 54.05 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$12.50

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Report Date: 10/17/2021

2021 Soybeans Top 30 Performance Summary for Iowa North Central [IANC]



Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

Full-Season Test

2.6 - 2.9 Day CRM

S2021IANCb

Top 30 of 48

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	Iowa Falls	Laurens	Moorland	Waterloo
PIONEER	P27A17X § ↗	RRX	2.7	R	73.4			12.9	0	917	1	67.4	79.4	78.7	68.1
CREDENZ	CZ 2760GTLL ↗	LLGT27	2.7	R	70.5			13.2	1	880	2	68.1	76.5	72.2	65.1
FS HISOY	28E10 ↗	E3	2.8	R	70.4			13.2	0	880	3	61.2	76.2	78.5	65.8
LATHAM	L 2638 E3 ↗	E3	2.6	R	69.1			13.2	9	863	4	63.8	77.6	76.3	58.7
APEX	AE2920 ↗	E3	2.9	R	69.0			13.2	0	863	5	60.6	76.5	75.4	63.6
NK BRAND	S28-E3 ↗	E3	2.8	MR	68.9			13.1	0	860	6	51.4	77.3	81.4	65.3
ZINESTO	Z2902E ↗	E3	2.9	NA	68.8			13.2	0	860	7	62.0	75.6	76.3	61.4
ASGROW	AG26XF1 § ↗	RXF	2.6	R	68.7			13.5	0	857	8	58.6	76.9	77.2	61.9
HOEGEMEYER	2660 E ↗	E3	2.6	R	68.6			13.1	5	857	9	59.3	71.9	81.6	61.5
NUTECH	29N02E ↗	E3	2.9	R	68.4			13.0	0	855	10	61.9	74.2	69.5	68.0
GOLDEN HARVEST	GH2922E3 ↗	E3	2.9	R	67.9			13.1	0	848	11	57.5	72.5	72.3	69.2
XITAVO	XO 2832E ↗	E3	2.8	R	67.9			13.2	0	848	12	55.6	77.6	76.8	61.4
APEX	AE2800 ↗	E3	2.8	R	67.7			13.1	5	845	13	60.2	75.6	74.9	59.9
P3 GENETICS	1928E ↗	E3	2.8	R	67.5			13.0	7	844	14	56.4	75.0	81.4	57.3
ZINESTO	Z2700E ↗	E3	2.7	R	67.5			13.1	2	843	16	68.2	64.5	77.7	59.5
CORNELIUS	CB26XF76 ↗	RXF	2.6	R	67.4			13.1	7	843	17	62.0	74.8	73.1	59.9
ZINESTO	Z2900E ↗	E3	2.9	R	67.2			13.2	0	840	18	58.9	75.1	71.1	63.7
HOEGEMEYER	2831 E ↗	E3	2.8	R	67.1			13.1	2	839	19	46.1	78.2	80.6	63.7
HEFTY	H26XF2 ↗	RXF	2.6	NA	66.9			13.1	7	836	20	59.2	74.5	73.8	60.0
PIONEER	P26T23E § ↗	E3	2.6	R	66.9			13.0	2	836	21	57.5	70.3	80.0	59.7
CORNELIUS	CB27XF34 ↗	RXF	2.7	R	66.9			13.5	7	835	22	60.2	75.5	72.7	59.1
LATHAM	L 2894 E3 ↗	E3	2.8	R	66.8			13.1	2	834	23	54.9	73.8	81.0	57.4
GOLDEN HARVEST	GH2872XF GC ↗	RXF	2.8	R	66.5			13.2	1	831	24	58.6	64.6	79.8	63.0
STINE	28EC32 § ↗	E3	2.8	R	66.5			13.1	0	830	25	52.2	79.8	72.8	61.0
PIONEER	P26T57E § ↗	E3	2.6	R	66.3			13.1	14	829	26	64.0	72.6	73.5	55.3
HEFTY	H29X1 ↗	RRX	2.9	R	66.2			13.3	0	827	27	58.7	73.5	74.5	58.2
ASGROW	AG27XF1 § ↗	RXF	2.7	R	65.9			13.4	0	823	28	61.0	70.2	71.2	61.1
LATHAM	L 2887 R2X ↗	RRX	2.8	R	65.5			13.1	5	818	29	55.9	75.1	72.9	58.0
NUTECH	28N02E ↗	E3	2.8	R	65.4			13.1	0	817	30	53.0	73.8	71.2	63.7
GENESIS	G2960E ↗	E3	2.9	R	65.2			13.2	0	815	31	50.5	71.5	76.5	62.4
CROPLAN	CP2400X CK	RRX	2.4	R	67.5			13.2	0	843	15	56.5	74.1	76.2	63.1

Corey Rozenboom

Averages = 66.0 na na 13.2 3 825 56.9 72.8 74.4 60.0

LSD (0.10) = 3.7 na na 0.1 7 5.0 3.3 3.9 3.5

Corey Rozenboom LSD (0.25) = 1.9 na na 0.1 4 2.6 1.7 2.1 1.9

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Prev. years average yield for region: 54.05 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.50

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Report Date: 10/17/2021

2021 Soybeans - Iowa North Central [IANC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2220	E3	R	2.2	CMBV,SA
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Cornelius	CB23XF63	RXF	R	2.3	PG+
Cornelius	CB24XF18	RXF	R	2.4	PG+
Credenz	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
Credenz	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
Croplan	CP2400X CK	RRX	R	2.4	Untreated
FS HiSOY	21F00	RXF	R	2.1	ACi,B-200
FS HiSOY	23F10	RXF	R	2.3	ACi,B-200
FS HiSOY	25E00	E3	R	2.5	ACi,B-200
Genesis	G2260E	E3	R	2.2	CMBV,SA
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Genesis	G2550E	E3	R	2.5	CMBV,SA
Golden Harvest	GH2102XF §	RXF	MR	2.1	CMBV,SA
Golden Harvest	GH2292E3	E3	MR	2.2	CMBV,SA
Hefty	H21XF2	RXF	NA	2.1	DST4,SA
Hefty	H23XF1	RXF	NA	2.3	DST4,SA
Hefty	H24XF2	RXF	NA	2.4	DST4,SA
Hefty	H25XF1	RXF	NA	2.5	DST4,SA
Hoegemeyer	2141 E	E3	R	2.1	Lum,Lu,IL
Hoegemeyer	2240 E	E3	R	2.2	Lum,Lu,IL
Hoegemeyer	2421 E	E3	R	2.4	Lum,Lu,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Kruger	K2391XF	RXF	R	2.3	ACi,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2379 E3	E3	R	2.3	SS+,SA
Latham	L 2458 E3	E3	R	2.4	SS+,SA
Latham	L 2549 R2X	RRX	R	2.5	SS+,SA
Loyal	L2130E	E3	R	2.1	CMBV,SA
Loyal	L2530E	E3	R	2.5	CMBV,SA
NK Brand	NK21-H4XF	RXF	MR	2.1	CMBV,SA
NK Brand	NK22-C4E3 §	E3	R	2.2	CMBV,SA
NuTech	21N06E	E3	R	2.1	Lum,Lu,IL
NuTech	22N02E	E3	R	2.2	Lum,Lu,IL
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
Pioneer	P21A28X §	RRX	R	2.1	Lum,Lu,IL
Pioneer	P25A54X GC	RRX	R	2.5	Untreated
Renk	RS242NXF	RXF	R	2.4	EcTC,SA
Renk	RS248NX	RRX	R	2.4	EcTC,SA
Stine	21EE62 §	E3	R	2.1	SFI
Stine	25EB32 §	E3	R	2.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Zinesto	Z2101E	E3	R	2.1	DST4,SA
Zinesto	Z2202E	E3	NA	2.2	DST4,SA
Zinesto	Z2302SE	E3,ST	NA	2.3	DST5
Zinesto	Z2401E	E3	R	2.4	DST4,SA

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2021 Soybeans - Iowa North Central [IANC]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2800	E3	R	2.8	CMBV,SA
Apex	AE2920	E3	R	2.9	CMBV,SA
Asgrow	AG26XF1 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF1 §	RXF	R	2.7	ACi,IL
Asgrow	AG29XF2 §	RXF	R	2.9	ACi,IL
Cornelius	CB26XF76	RXF	R	2.6	PG+
Cornelius	CB27X81 GC	RRX	R	2.7	PG+
Cornelius	CB27XF34	RXF	R	2.7	PG+
Cornelius	CB29XF09	RXF	R	2.9	PG+
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
Croplan	CP2400X CK	RRX	R	2.4	Untreated
FS HiSOY	26F00	RXF	R	2.6	ACi,B-200
FS HiSOY	27F10	RXF	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	ACi,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2872XF GC	RXF	R	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hefty	H28XF1	RXF	R	2.8	DST5
Hefty	H29X1	RRX	R	2.9	DST4,SA
Hefty	H29XF1	RXF	NA	2.9	DST4,SA
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Kruger	K2885XF	RXF	R	2.8	ACi,IL
Kruger	K2902XF	RXF	R	2.9	ACi,IL
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2887 R2X	RRX	R	2.8	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
NK Brand	NK27-A7XF	RXF	MR	2.7	CMBV,SA
NK Brand	S28-E3	E3	MR	2.8	CMBV,SA
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	28N02E	E3	R	2.8	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
P3 Genetics	1928E	E3	R	2.8	PG+
Pioneer	P26T23E §	E3	R	2.6	Lum,Lu,IL
Pioneer	P26T57E §	E3	R	2.6	Lum,Lu,IL
Pioneer	P27A17X §	RRX	R	2.7	Lum,Lu,IL
Renk	RS282NXF	RXF	R	2.8	EcTC,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	28EC32 §	E3	R	2.8	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Zinesto	Z2700E	E3	R	2.7	DST4,SA
Zinesto	Z2900E	E3	R	2.9	DST4,SA
Zinesto	Z2902E	E3	NA	2.9	DST4,SA

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.