

2021 Soybeans Top 30 Performance Summary for Iowa Northwest [IANW]

Early-Season Test  
Maturity Group 1.9 - 2.4  
S2021IANWa

Top 30 of 42

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	Boyden	Galva	Hartley	Hinton No Results
GOLDEN HARVEST	GH2292E3 ↗	E3	2.2	MR	<b>77.2</b>	33.7	19.4	12.7	1	965	1	<b>80.0</b>	<b>77.1</b>	<b>74.6</b>	
GOLDEN HARVEST	GH2102XF § ↗	RXF	2.1	MR	<b>76.8</b>	34.4	19.7	12.9	23	960	2	76.2	<b>76.9</b>	<b>77.4</b>	
CREDENZ	CZ 2121GTLL ↗	LLGT27	2.1	MR	<b>76.7</b>	33.6	19.4	12.8	0	958	3	<b>79.0</b>	<b>76.5</b>	<b>74.4</b>	
ZINESTO	Z1902E ↗	E3	1.9	NA	<b>76.3</b>	34.0	19.5	12.9	3	953	4	75.3	<b>78.4</b>	<b>75.1</b>	
NK BRAND	NK22-C4E3 ↗	E3	2.2	R	<b>76.0</b>	33.5	19.6	12.8	0	950	5	<b>79.9</b>	<b>74.8</b>	<b>73.4</b>	
LATHAM	L 2049 E3 ↗	E3	2.0	R	<b>75.1</b>	33.4	<b>20.0</b>	12.9	2	938	6	<b>80.1</b>	<b>74.9</b>	70.2	
FS HISOY	21E00 ↗	E3	2.1	R	74.8	33.6	<b>20.0</b>	12.8	15	935	7	75.5	<b>77.3</b>	71.6	
STINE	21EE62 § ↗	E3	2.1	R	74.7	<b>35.1</b>	19.1	13.0	8	933	8	77.5	<b>75.3</b>	71.3	
NK BRAND	NK21-H4XF § ↗	RXF	2.1	MR	74.7	34.9	19.5	12.9	21	933	9	73.8	73.5	<b>76.8</b>	
XITAVO	XO 2181E ↗	E3	2.1	R	73.8	33.7	19.7	12.8	10	923	10	<b>81.4</b>	69.0	71.0	
CREDENZ	CZ 2360GTLL ↗	LLGT27	2.3	MR	72.9	34.2	19.6	13.0	0	911	11	72.9	72.8	<b>73.0</b>	
LATHAM	L 2458 E3 ↗	E3	2.4	R	72.8	34.5	<b>20.0</b>	13.0	0	910	12	<b>78.9</b>	<b>74.3</b>	65.3	
GENESIS	G2460ES ↗	E3,ST	2.4	R	72.5	33.7	<b>20.1</b>	13.1	1	906	13	76.5	72.6	68.4	
APEX	AE2420S ↗	E3,ST	2.4	R	72.1	33.5	<b>20.2</b>	13.0	3	901	14	<b>78.2</b>	71.9	66.1	
NK BRAND	S19-2E3 GC ↗	E3	1.9	R	71.6	33.7	19.4	12.8	0	896	15	74.0	69.5	71.5	
APEX	AE2220 ↗	E3	2.2	R	71.6	34.4	19.3	12.9	9	895	16	77.6	67.2	70.1	
APEX	AE2020 ↗	E3	2.0	R	71.5	34.1	19.3	13.0	15	893	17	73.7	67.7	<b>73.1</b>	
KRUGER	K2084XF ↗	RXF	2.0	R	71.4	<b>35.4</b>	19.5	13.0	0	893	18	73.4	70.7	70.2	
ZINESTO	Z2302SE ↗	E3,ST	2.3	NA	71.0	33.5	<b>20.2</b>	12.9	0	886	19	76.5	71.8	64.6	
KRUGER	K2294XF ↗	RXF	2.2	R	70.9	33.8	19.0	13.0	0	885	20	70.4	<b>75.1</b>	67.1	
GENESIS	G1960E ↗	E3	1.9	R	70.7	33.6	<b>20.2</b>	13.0	27	883	21	<b>80.5</b>	61.8	69.7	
HOEGEMEYER	2141 E ↗	E3	2.1	R	70.6	33.7	19.7	12.8	10	882	22	73.8	65.6	<b>72.3</b>	
XITAVO	XO 1971E ↗	E3	1.9	R	70.5	33.9	19.3	12.7	9	881	23	75.6	68.9	66.9	
STINE	20EE23 § ↗	E3	2.0	R	70.5	34.7	19.3	13.0	28	881	24	74.9	65.8	70.8	
ZINESTO	Z2202E ↗	E3	2.2	NA	70.3	34.0	19.7	12.8	4	879	25	77.1	67.0	66.9	
GENESIS	G2060E ↗	E3	2.0	R	70.2	<b>35.0</b>	19.2	13.0	25	877	26	75.6	65.7	69.3	
GENESIS	G2260E ↗	E3	2.2	R	69.9	33.6	19.4	12.9	2	874	27	76.4	66.4	67.1	
ZINESTO	Z2002E ↗	E3	2.0	NA	69.7	<b>35.1</b>	18.8	13.0	22	872	28	75.8	68.1	65.4	
PIONEER	P21A28X GC ↗	RRX	2.1	R	69.7	34.3	<b>20.0</b>	12.9	1	871	29	72.8	67.2	69.2	
HOEGEMEYER	2421 E ↗	E3	2.4	R	69.0	32.7	<b>20.6</b>	12.8	2	863	30	<b>78.0</b>	70.0	59.1	
CROPLAN	CP2400X CK	RRX	2.4	R	66.8	34.7	18.8	12.8	6	835	40	76.2	64.9	59.4	

Lost to poor weed control

*Corey Rozenboom*

**Averages = 71.0 34.2 19.4 12.9 9 887 75.1 70.2 67.7**  
 LSD (0.10) = 3.9 0.7 0.4 ns 10 2.7 4.0 3.9  
 LSD (0.25) = 2.1 0.4 0.2 ns 5 1.4 2.1 2.0

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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 = 1.3 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 \*There were 2 reps for the site.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/13/2021 Revised: 12/02/2021 Protein and soil results added

# 2021 Soybeans Top 30 Performance Summary for Iowa Northwest [IANW]



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

## Full-Season Test

Maturity Group 2.5 - 2.8

Top 30 of 36

S2021IANWb

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	Boyden	Galva	Hartley	Hinton No Results
FS HISOY	28E10 ↗	E3	2.8	R	<b>76.0</b>	34.1	18.9	13.0	0	949	1	<b>80.7</b>	<b>77.6</b>	<b>69.6</b>	
PIONEER	P25A54X GC ↗	RRX	2.5	R	<b>75.1</b>	33.6	<b>19.6</b>	13.0	5	939	2	77.1	<b>76.7</b>	<b>71.6</b>	
XITAVO	XO 2832E ↗	E3	2.8	R	<b>74.3</b>	33.8	18.8	13.0	0	928	3	76.6	<b>75.2</b>	<b>71.1</b>	
GENESIS	G2550E ↗	E3	2.5	R	72.4	34.3	18.6	12.8	9	906	4	76.7	<b>73.9</b>	66.8	
CREDENZ	CZ 2550GTLL ↗	LLGT27	2.5	MR	72.2	34.4	18.9	12.9	0	902	5	75.0	<b>74.6</b>	66.9	
PIONEER	P27A17X § ↗	RRX	2.7	R	72.0	34.2	<b>19.7</b>	12.9	4	899	6	<b>80.2</b>	<b>74.8</b>	60.9	
FS HISOY	27E10 ↗	E3	2.7	R	71.9	33.9	19.0	13.0	0	898	7	76.1	<b>74.2</b>	65.4	
KRUGER	K2594XF ↗	RXF	2.5	R	71.9	34.4	18.7	13.1	0	898	8	72.5	<b>77.5</b>	65.7	
LATHAM	L 2894 E3 ↗	E3	2.8	R	71.8	33.5	<b>19.7</b>	13.0	4	897	9	77.5	71.4	66.5	
FS HISOY	25E00 ↗	E3	2.5	R	71.5	33.4	<b>20.3</b>	12.9	4	894	10	76.5	69.0	<b>69.1</b>	
HOEGEMEYER	2660 E ↗	E3	2.6	R	71.3	34.6	19.2	13.1	3	891	11	<b>78.0</b>	<b>73.8</b>	62.1	
ASGROW	AG27XF2 § ↗	RXF	2.7	R	71.2	34.3	19.3	12.9	1	889	12	77.0	73.2	63.4	
XITAVO	XO 2501E ↗	E3	2.5	R	71.2	33.7	<b>20.2</b>	12.9	9	889	13	77.3	72.9	63.3	
PIONEER	P26T23E § ↗	E3	2.6	R	71.1	33.6	<b>19.6</b>	13.1	0	889	14	77.4	70.8	65.2	
PIONEER	P26T57E § ↗	E3	2.6	R	71.1	33.7	19.1	12.8	0	889	15	<b>79.2</b>	72.5	61.7	
LATHAM	L 2887 R2X ↗	RRX	2.8	R	70.8	32.7	18.9	13.0	7	885	16	71.9	71.5	<b>69.0</b>	
HEFTY	H25XF1 ↗	RXF	2.5	NA	70.5	33.5	19.1	13.2	25	881	17	72.0	<b>78.3</b>	61.3	
GOLDEN HARVEST	GH2562XF § ↗	RXF	2.5	R	70.4	<b>35.1</b>	19.1	12.9	43	880	18	76.0	71.5	63.8	
STINE	25EB32 § ↗	E3	2.5	R	69.7	32.7	<b>19.9</b>	13.1	0	871	19	76.5	67.7	64.9	
ASGROW	AG27XF1 § ↗	RXF	2.7	R	69.7	33.8	19.2	13.1	0	871	20	71.0	<b>74.5</b>	63.5	
NK BRAND	NK25-C9XF ↗	RXF	2.5	MR	68.9	34.2	<b>19.6</b>	12.8	17	862	21	75.0	66.9	64.9	
CREDENZ	CZ 2760GTLL ↗	LLGT27	2.7	R	68.8	34.5	19.3	13.0	0	860	22	77.4	66.5	62.6	
ASGROW	AG26XF1 § ↗	RXF	2.6	R	68.8	34.0	18.7	13.2	0	859	23	71.5	<b>76.0</b>	58.8	
HEFTY	H28X8 ↗	RRX	2.8	R	68.0	34.4	18.2	13.0	2	849	24	75.8	69.8	58.3	
KRUGER	K2793XF ↗	RXF	2.7	R	67.6	34.0	18.5	13.2	0	844	26	73.5	68.7	60.6	
GOLDEN HARVEST	GH2722XF GC ↗	RXF	2.7	MR	67.5	34.1	18.9	13.0	9	843	27	72.9	68.5	61.0	
FEDERAL	F2520N GC ↗	RXF	2.5	R	67.0	33.2	19.1	13.0	0	837	28	71.3	69.9	59.8	
LATHAM	L 2786 XF ↗	RXF	2.7	R	65.3	<b>35.4</b>	18.3	13.4	1	816	29	69.7	65.4	60.9	
LATHAM	L 2839 LLGT27 ↗	LLGT27	2.8	R	64.5	32.3	19.1	13.2	0	806	30	75.8	60.8	56.8	
GOLDEN HARVEST	GH2872XF ↗	RXF	2.8	R	63.5	34.0	18.0	13.2	4	793	31	70.9	60.9	58.6	
CROPLAN	CP2400X CK	RRX	2.4	R	67.9	34.1	19.4	13.0	1	848	25	76.1	67.0	60.5	

Lost to poor weed control

*Corey Rozenboom*

<b>Averages =</b>	<b>68.9</b>	<b>34.0</b>	<b>19.0</b>	<b>13.0</b>	<b>6</b>	<b>861</b>	<b>74.7</b>	<b>70.4</b>	<b>61.7</b>
LSD (0.10) =	4.3	0.7	0.5	ns	9		2.9	3.1	5.6
LSD (0.25) =	2.3	0.4	0.2	ns	5		1.5	1.6	2.9

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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 = 1.3 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 \*There were 2 reps for the site.

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Report Date: 10/13/2021 Revised: 12/02/2021 Protein and soil results added

## 2021 Soybeans - Iowa Northwest [ IANW ]

### Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2020	E3	R	2.0	CMBV,SA
Apex	AE2220	E3	R	2.2	CMBV,SA
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Credenz	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
Credenz	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
Croplan	CP2400X CK	RRX	R	2.4	Untreated
FS HiSOY	19F10	RXF	R	1.9	ACi,B-200
FS HiSOY	21E00	E3	R	2.1	ACi,B-200
FS HiSOY	24F00	RXF	R	2.4	ACi,B-200
Genesis	G1960E	E3	R	1.9	CMBV,SA
Genesis	G2060E	E3	R	2.0	CMBV,SA
Genesis	G2260E	E3	R	2.2	CMBV,SA
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Golden Harvest	GH2102XF §	RXF	MR	2.1	CMBV,SA
Golden Harvest	GH2292E3	E3	MR	2.2	CMBV,SA
Hefty	H20XF1	RXF	NA	2.0	DST4,SA
Hefty	H20XF2	RXF	NA	2.0	DST4,SA
Hefty	H21XF2	RXF	NA	2.1	DST4,SA
Hefty	H24XF2	RXF	NA	2.4	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	K2084XF	RXF	R	2.0	ACi,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Kruger	K2391XF	RXF	R	2.3	ACi,IL
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
Latham	L 2458 E3	E3	R	2.4	SS+,SA
NK Brand	NK19-C8XF	RXF	R	1.9	CMBV,SA
NK Brand	NK21-H4XF §	RXF	MR	2.1	CMBV,SA
NK Brand	NK22-C4E3	E3	R	2.2	CMBV,SA
NK Brand	S19-2E3 GC	E3	R	1.9	Untreated
Pioneer	P21A28X GC	RRX	R	2.1	Lum,Lu,IL
Stine	20EE23 §	E3	R	2.0	SFI
Stine	21EE62 §	E3	R	2.1	SFI
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB
Zinesto	Z1902E	E3	NA	1.9	DST5
Zinesto	Z2002E	E3	NA	2.0	DST4,SA
Zinesto	Z2202E	E3	NA	2.2	DST4,SA
Zinesto	Z2302SE	E3,ST	NA	2.3	DST5

## 2021 Soybeans - Iowa Northwest [ IANW ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG26XF1 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF1 §	RXF	R	2.7	ACi,IL
Asgrow	AG27XF2 §	RXF	R	2.7	ACi,IL
Credenz	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
Croplan	CP2400X CK	RRX	R	2.4	Untreated
Federal	F2520N GC	RXF	R	2.5	MAG
FS HiSOY	25E00	E3	R	2.5	ACi,B-200
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	27F10	RXF	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
Genesis	G2550E	E3	R	2.5	CMBV,SA
Golden Harvest	GH2562XF §	RXF	R	2.5	CMBV,SA
Golden Harvest	GH2722XF GC	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2872XF	RXF	R	2.8	CMBV,SA
Hefty	H25XF1	RXF	NA	2.5	DST4,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hefty	H28X8	RRX	R	2.8	DST4,SA
Hefty	H28XF1	RXF	R	2.8	DST5
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Kruger	K2885XF	RXF	R	2.8	ACi,IL
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2839 LLGT27	LLGT27	R	2.8	SS+,SA
Latham	L 2887 R2X	RRX	R	2.8	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
NK Brand	NK25-C9XF	RXF	MR	2.5	CMBV,SA
Pioneer	P25A54X GC	RRX	R	2.5	Untreated
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
Stine	25EB32 §	E3	R	2.5	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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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
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
MAG	Max Armor Guard (Federal Hybrids)
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Untreated	No seed treatment

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\* Seed treatments may include unspecified plant health promoting components.