

# 2021 Soybeans Top 30 Performance Summary for Iowa South [IASO]

## Early-Season Test Maturity Group 2.5 - 3.0

**Top 30 of 30**

S2021IASOa

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	Cambria	Oakland <b>REJECTED</b>	Washington	Winterset
FS HISOY	30F10 ↗	RXF	3.0	R	77.7	34.2	19.1	12.0	4	942	1	73.8	84.4	79.5	79.9
HOEGEMEYER	2831 E ↗	E3	2.8	R	77.1	32.7	21.2	12.2	6	934	2	75.0	69.8	77.1	79.1
GOLDEN HARVEST	GH2922E3 ↗	E3	2.9	R	76.1	33.5	19.7	12.0	4	922	3	73.8	73.6	78.5	76.0
XITAVO	XO 2921E ↗	E3	2.9	R	75.9	33.3	20.0	12.3	2	919	4	74.6	76.1	70.7	82.3
NUTECH	29N02E ↗	E3	2.9	R	75.2	33.0	20.0	12.4	10	911	6	79.5	73.7	70.8	75.2
STINE	28EC32 § ↗	E3	2.8	R	74.9	33.4	20.9	12.4	8	908	7	70.0	67.2	79.6	75.1
GENESIS	G2960E ↗	E3	2.9	R	74.9	33.3	20.1	12.3	5	907	8	77.7	70.0	71.6	75.2
GOLDEN HARVEST	GH2722XF § ↗	RXF	2.7	MR	74.7	32.7	20.5	11.7	10	906	9	74.3	69.9	75.3	74.5
GOLDEN HARVEST	GH2562XF ↗	RXF	2.5	R	74.3	33.0	20.3	12.0	24	901	10	78.7	68.8	76.0	68.2
PIONEER	P30T99E § ↗	E3	3.0	R	74.2	33.7	20.4	12.3	13	900	11	69.5	70.0	83.4	69.8
NUTECH	30N05E ↗	E3	3.0	R	74.0	34.2	19.5	12.1	10	897	12	72.3	70.0	76.9	72.9
GOLDEN HARVEST	GH2872XF ↗	RXF	2.8	R	73.9	32.2	20.3	11.9	5	896	13	78.3	70.0	71.9	71.6
FS HISOY	27E10 ↗	E3	2.7	R	73.8	33.0	20.6	12.1	2	895	14	75.9	70.0	75.3	70.3
NUTECH	26N06E ↗	E3	2.6	R	73.5	33.1	20.9	12.2	7	890	15	74.9	70.0	78.9	66.6
XITAVO	XO 2832E ↗	E3	2.8	R	73.3	33.7	19.7	12.2	2	889	16	78.6	70.0	76.3	65.1
KRUGER	K3003XF ↗	RXF	3.0	R	73.1	33.6	18.8	11.7	7	886	17	77.5	70.0	70.1	71.7
NUTECH	28N02E ↗	E3	2.8	R	72.3	33.2	20.2	12.1	8	876	18	77.7	69.9	66.4	72.8
APEX	AE2920 ↗	E3	2.9	R	72.2	33.2	20.7	12.1	2	875	19	66.2	70.0	74.5	76.0
CHAMPION	3022XL GC ↗	RXF	3.0	NA	72.2	33.8	19.1	12.0	7	875	20	81.1	85.9	72.9	62.6
CREDENZ	CZ 3099GTLL ↗	LLGT27	3.1	R	71.9	34.1	19.6	11.9	8	871	21	74.9	69.9	78.5	62.3
XITAVO	XO 2501E ↗	E3	2.5	R	71.8	32.8	21.5	12.0	5	871	22	74.5	70.0	75.3	65.8
HOEGEMEYER	2660 E ↗	E3	2.6	R	71.4	32.6	21.0	12.1	9	865	23	69.7	70.0	65.0	79.4
KRUGER	K2902XF ↗	RXF	2.9	R	71.0	33.4	19.3	12.1	3	861	24	72.0	80.0	68.5	72.6
ASGROW	AG30XF2 § ↗	RXF	3.0	R	70.7	33.6	20.1	11.9	2	857	25	72.9	80.0	72.7	66.4
KRUGER	K2793XF ↗	RXF	2.7	R	70.3	33.1	20.1	12.2	2	852	26	73.2	79.4	68.1	69.7
FS HISOY	29F10 ↗	RXF	2.9	R	69.4	33.8	19.4	11.6	5	841	27	77.1	79.8	67.2	64.0
MILLER HYBRIDS	2503-E3 § ↗	E3	2.5	R	69.3	32.5	21.1	11.8	7	840	28	73.1	79.4	69.3	65.6
FS HISOY	28E10 ↗	E3	2.8	R	68.7	33.8	20.4	12.2	3	833	29	76.4	77.1	69.7	60.0
KRUGER	K2885XF ↗	RXF	2.8	R	67.3	33.9	19.7	12.1	10	816	30	71.7	87.4	67.9	62.4
PIONEER	P29T37E CK ↗	E3	2.9	NA	75.3	32.9	20.4	12.0	10	912	5	79.6	77.0	78.8	67.4
PIONEER	P29T37E CK	E3	2.9	NA	75.3	32.9	20.4	12.0	10	912	5	79.6	77.0	78.8	67.4
<b>Averages =</b>					<b>73.0</b>	<b>33.3</b>	<b>20.2</b>	<b>12.1</b>	<b>7</b>	<b>885</b>		<b>74.8</b>	<b>77.9</b>	<b>73.6</b>	<b>70.7</b>
LSD (0.10) =					5.3	1.0	0.9	0.2	8			3.8	4.5	4.9	6.7
LSD (0.25) =					2.8	0.5	0.5	0.1	4			2.0	2.4	2.6	3.5

Damaged by off-target herbicide



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Prev. years average yield for region: 63.64 bu/a, 17 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$12.12

† 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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# 2021 Soybeans Top 30 Performance Summary for Iowa South [IASO]

## Full-Season Test

Maturity Group 3.1 - 3.6

S2021IASOb

Top 30 of 45

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	Cambria	Oakland REJECTED	Washington	Winterset
ASGROW	AG32XF2 §	RXF	3.2	R	<b>79.6</b>	32.8	20.3	12.2	2	965	1	<b>82.4</b>	94.4	85.7	70.7
KRUGER	K3305XF	RXF	3.3	R	78.3	33.1	19.7	12.1	2	949	2	80.6	78.8	79.6	<b>74.7</b>
GOLDEN HARVEST	GH3192XF §	RXF	3.1	MR	77.4	32.3	20.6	11.8	4	938	3	78.3	91.1	80.5	73.4
HOEGEMEYER	3591 E	E3	3.5	R	77.1	32.7	20.1	12.0	4	935	4	80.6	70.4	75.0	<b>75.8</b>
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	76.9	32.5	20.7	12.1	16	932	5	80.1	81.6	81.2	69.4
GOLDEN HARVEST	GH3380E3	E3	3.3	NA	76.8	32.3	20.0	12.0	10	932	6	78.9	69.1	76.4	<b>75.3</b>
GENESIS	G3260E	E3	3.2	R	76.6	<b>33.7</b>	20.1	12.4	16	929	7	77.4	70.4	83.7	68.8
FS HISOY	35F10	RXF	3.5	R	76.4	31.9	20.5	11.9	18	925	8	<b>82.6</b>	80.4	80.4	66.1
APEX	AE3220	E3	3.2	R	76.2	33.4	19.8	12.4	19	923	9	72.1	79.3	79.3	<b>77.1</b>
FS HISOY	35E10	E3	3.5	R	76.2	32.8	<b>21.1</b>	12.0	10	923	10	77.0	76.3	76.3	<b>75.2</b>
DONMARIO	DM36F62S	RXF	3.6	NA	75.8	31.9	20.6	12.1	9	919	11	<b>83.0</b>	80.4	78.6	65.9
KRUGER	K3103XF	RXF	3.1	R	75.7	33.5	19.6	11.9	2	918	12	79.9	81.0	81.0	66.3
XITAVO	XO 3341E	E3	3.3	R	75.7	32.5	20.6	12.2	11	916	13	<b>81.9</b>	67.9	72.7	72.4
APEX	AE3310	E3	3.3	R	75.5	32.8	20.5	11.9	10	916	14	74.4	66.1	80.8	71.5
CORNELIUS	CB31XF42	RXF	3.1	R	75.1	33.5	19.8	12.0	7	910	15	<b>82.4</b>	80.4	75.5	67.3
XITAVO	XO 3131E	E3	3.1	R	75.0	32.8	20.1	12.0	3	909	16	73.7	79.3	79.3	72.0
STINE	32EB02 §	E3	3.2	R	74.8	32.9	20.5	12.2	15	906	17	80.7	70.4	73.0	70.5
NK BRAND	S35-E3	E3	3.5	R	74.7	33.1	20.9	12.3	10	905	18	77.0	70.4	76.0	71.1
HOEGEMEYER	3141 E	E3	3.1	R	74.5	33.2	20.2	12.2	3	903	19	<b>83.4</b>	72.4	80.2	60.0
GOLDEN HARVEST	GH3442XF	RXF	3.4	MR	74.4	32.0	20.3	12.2	4	902	20	79.8	90.4	78.6	64.9
FS HISOY	36F10	RXF	3.6	R	74.4	33.6	19.9	12.3	6	902	21	77.2	70.4	75.8	70.3
NUTECH	31N06E	E3	3.1	R	74.4	32.7	20.4	12.2	9	902	22	76.6	66.1	74.4	72.3
APEX	AE3420	E3	3.4	R	74.4	32.6	<b>21.5</b>	12.3	19	902	23	<b>84.5</b>	70.4	69.1	69.6
P3 GENETICS	2234E	E3	3.4	R	73.9	32.3	20.8	12.5	15	896	25	75.6	70.4	75.7	70.5
GENESIS	G3460E	E3	3.4	R	73.7	32.9	<b>21.2</b>	12.1	9	893	26	78.5	69.9	71.1	71.4
CHANNEL	3022RFX GC	RXF	3.0	R	73.6	<b>33.7</b>	19.9	12.1	3	892	27	79.0	86.5	73.6	68.3
GOLDEN HARVEST	GH3132E3 GC	E3	3.1	R	73.5	32.5	20.6	12.0	2	891	28	74.7	70.1	77.9	67.9
FS HISOY	32E00	E3	3.2	R	73.4	32.2	20.9	12.8	11	890	29	76.5	59.8	78.1	65.8
NK BRAND	NK31-M7E3	E3	3.1	R	72.7	33.5	20.6	12.2	6	881	30	80.6	62.4	75.3	62.1
P3 GENETICS	2136E	E3	3.6	R	72.7	31.8	20.4	12.2	4	881	31	80.0	74.1	67.5	70.5
PIONEER	P29T37E CK	E3	2.9	NA	74.2	32.5	20.7	12.0	9	899	24	75.6	75.0	75.1	71.9
					<b>Averages =</b>	<b>74.0</b>	<b>32.7</b>	<b>20.4</b>	<b>12.1</b>	<b>8</b>	<b>897</b>	<b>78.1</b>	<b>76.6</b>	<b>75.3</b>	<b>68.7</b>
					LSD (0.10) =	4.4	0.9	0.7	ns	9		3.6	6.7	4.9	5.6
					LSD (0.25) =	2.3	0.5	0.3	ns	5		1.9	3.5	2.6	3.0

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**Yield & Income Factors:**

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Shrink = 1.0

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## 2021 Soybeans - Iowa South [ IASO ]

### Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Champion	3022XL GC	RXF	NA	3.0	NA
Credenz	CZ 3099GTLL	LLGT27	R	3.1	PV,IL,OB
FS HiSOY	27E10	E3	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
FS HiSOY	30F10	RXF	R	3.0	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Golden Harvest	GH2562XF	RXF	R	2.5	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2872XF	RXF	R	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,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
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Miller Hybrids	2503-E3 §	E3	R	2.5	NA
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
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
Pioneer	P29T37E CK	E3	NA	2.9	NA
Pioneer	P30T99E §	E3	R	3.0	NA
Stine	28EC32 §	E3	R	2.8	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB

## 2021 Soybeans - Iowa South [ IASO ]

### Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,SA
Apex	AE3420	E3	R	3.4	CMBV,SA
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	Untreated
Channel	3022RFX GC	RXF	R	3.0	ACi,IL
Cornelius	CB31XF42	RXF	R	3.1	PG+
Cornelius	CB35XF65	RXF	R	3.5	PG+
Credenz	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
DONMARIO	DM36F62S	RXF	NA	3.6	CMBV
FS HiSOY	32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	35E10	E3	R	3.5	ACi,B-200
FS HiSOY	35F10	RXF	R	3.5	ACi,B-200
FS HiSOY	36F10	RXF	R	3.6	ACi,B-200
Genesis	G3260E	E3	R	3.2	CMBV,SA
Genesis	G3460E	E3	R	3.4	CMBV,SA
Golden Harvest	GH3132E3 GC	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF §	RXF	MR	3.1	CMBV,SA
Golden Harvest	GH3380E3	E3	NA	3.3	Untreated
Golden Harvest	GH3442XF	RXF	MR	3.4	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3421 SE	E3,ST	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Kruger	K3103XF	RXF	R	3.1	ACi,IL
Kruger	K3305XF	RXF	R	3.3	ACi,IL
Kruger	K3594XF	RXF	R	3.5	ACi,IL
Kruger	K3603XF	RXF	R	3.6	ACi,IL
Miller Hybrids	3403-E3 GC	E3	R	3.4	NA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
NK Brand	NK34-G1XF	RXF	MR	3.4	CMBV,SA
NK Brand	NK35-J6E3S §	E3,ST	MR	3.5	CMBV,SA
NK Brand	S35-E3	E3	R	3.5	CMBV,SA
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
NuTech	34N06E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
Pioneer	P29T37E CK	E3	NA	2.9	NA
Stine	32EB02 §	E3	R	3.2	SFI
Stine	35EE32 §	E3	R	3.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	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®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SF1	Stine XP F&I
Untreated	No seed treatment

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