

# 2020 Soybeans Top 30 Performance Summary for Iowa North Central [IANC]



## Early-Season Test

### 2.1 - 2.5 Day CRM

S2020IANCa

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
NK BRAND	S23-G5X	RRX	2.3	MR	<b>61.8</b>	<b>33.9</b>	20.7	9.7	0	584	1	67.7	64.3	<b>54.3</b>	<b>60.8</b>
GENESIS	G2150E	E3	2.1	R	<b>61.5</b>	32.3	<b>21.0</b>	10.0	0	582	2	<b>72.3</b>	<b>67.1</b>	<b>53.2</b>	53.5
APEX	AE2110	E3	2.1	R	<b>61.2</b>	32.8	20.4	10.0	0	578	3	<b>70.2</b>	<b>67.0</b>	<b>54.6</b>	52.9
FS HISOY	HS 22X00	RRX	2.2	R	<b>61.1</b>	32.7	20.7	9.9	0	577	4	64.5	<b>69.3</b>	<b>53.8</b>	<b>56.6</b>
GENESIS	G2190GL	LLGT27	2.1	R	<b>60.8</b>	33.3	20.6	10.6	0	575	5	<b>73.0</b>	<b>67.2</b>	45.4	<b>57.6</b>
CORNELIUS	CB24X64	RRX	2.4	R	<b>60.6</b>	<b>33.9</b>	20.1	10.5	0	572	6	<b>70.9</b>	63.2	<b>54.7</b>	53.4
RENK	RS248NX	RRX	2.4	R	<b>60.2</b>	33.5	20.6	10.7	0	569	7	69.0	<b>68.0</b>	47.9	55.9
CREDENZ	CZ 2121GTLL	LLGT27	2.1	MR	59.2	33.2	20.7	10.4	0	559	8	69.7	65.1	47.7	54.2
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	59.0	33.7	20.2	9.8	0	557	9	68.9	63.2	50.6	53.2
GOLDEN HARVEST	GH2230X	RRX	2.2	R	58.9	33.6	<b>20.8</b>	9.7	0	557	10	68.7	63.7	46.4	<b>56.9</b>
ZINESTO	Z2401E	E3	2.4	R	58.8	32.3	<b>21.3</b>	10.0	0	555	11	<b>71.2</b>	63.2	48.3	52.3
APEX	AE2510	E3	2.5	R	58.7	32.7	<b>21.1</b>	10.2	2	555	12	<b>70.6</b>	62.2	44.9	<b>57.1</b>
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	58.6	33.6	20.4	9.8	0	554	13	67.0	62.2	48.5	<b>56.7</b>
LATHAM	L 2184 R2X	RRX	2.1	R	58.5	<b>34.1</b>	19.9	10.0	0	553	14	63.4	<b>67.1</b>	<b>51.6</b>	51.9
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	58.5	33.7	20.1	10.3	0	553	15	69.7	65.3	44.9	54.1
NK BRAND	S25-V8X	RRX	2.5	MR	58.5	33.7	19.7	9.8	0	553	16	68.5	59.9	<b>51.8</b>	53.6
NK BRAND	S21-W8X §	RRX	2.1	R	58.4	<b>33.8</b>	20.4	9.9	0	552	17	65.5	<b>65.7</b>	46.8	55.8
LATHAM	L 2228 R2	RR2Y	2.2	R	58.2	33.3	20.7	9.8	0	550	18	61.8	64.9	49.6	<b>56.5</b>
STINE	21EA32 §	E3	2.1	R	58.1	33.5	20.4	10.3	0	549	19	68.6	59.6	49.2	55.1
FS HISOY	HS 24X80	RRX	2.4	R	58.1	33.6	19.7	9.8	0	549	20	60.0	<b>69.2</b>	48.5	54.7
NUTECH	24N04E	E3	2.4	R	57.9	32.0	<b>21.0</b>	10.3	0	548	22	65.1	63.1	48.0	55.6
TITAN PRO	25E0	E3	2.5	R	57.9	33.1	20.1	10.0	0	547	23	69.2	57.6	48.8	56.0
CREDENZ	CZ 2550GTLL	LLGT27	2.5	MR	57.8	33.5	20.3	9.9	0	546	24	<b>71.0</b>	59.5	44.3	<b>56.4</b>
P3 GENETICS	1924E	E3	2.4	R	57.6	33.3	20.6	10.2	0	544	25	69.1	61.7	47.4	52.1
NUTECH	22N02E	E3	2.2	R	57.5	33.7	20.2	10.6	0	544	26	67.9	60.9	48.6	52.7
LATHAM	L 2549 R2X	RRX	2.5	R	57.5	33.5	20.1	9.6	0	544	27	63.2	<b>65.6</b>	48.9	52.4
HEFTY	H23X0	RRX	2.3	R	57.4	32.8	<b>20.8</b>	9.9	0	543	28	64.3	62.5	50.4	52.4
ZINESTO	Z2501E	E3	2.5	R	57.3	33.2	20.3	9.9	0	542	29	67.7	56.6	49.5	55.3
CREDENZ	CZ 2230GTLL	LLGT27	2.2	MR	56.7	<b>34.6</b>	19.6	9.6	0	536	30	65.7	60.2	47.2	53.6
KRUGER	K2X-2573	RRX	2.5	R	56.5	<b>33.8</b>	19.9	9.7	0	534	33	65.6	53.9	47.1	<b>59.4</b>
CROPLAN	CP2400X CK	RRX	2.4	R	58.1	<b>34.1</b>	20.1	10.4	0	549	21	69.3	62.9	42.7	<b>57.4</b>

*Corey Rozenboom*

<b>Averages =</b>	<b>57.5</b>	<b>33.3</b>	<b>20.3</b>	<b>10.1</b>	<b>0</b>	<b>543</b>	<b>66.2</b>	<b>62.2</b>	<b>47.5</b>	<b>53.9</b>
LSD (0.10) =	2.6	0.5	0.4	0.3	ns		3.7	3.1	3.5	2.3
LSD (0.25) =	1.4	0.3	0.2	0.2	ns		1.9	1.6	1.8	1.2

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Prev. years average yield for region: 55.6 bu/a, 18 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$9.45

† 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.

# 2020 Soybeans Top 30 Performance Summary for Iowa North Central [IANC]

## Full-Season Test

### 2.6 - 2.9 Day CRM

S2020IANCb

**Top 30 of 42**

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
KRUGER	K2X-2673	RRX	2.6	R	63.8	33.4	19.9	10.0	0	603	1	<b>75.9</b>	<b>67.6</b>	<b>54.9</b>	56.8
RENK	RS280NX	RRX	2.8	R	63.7	32.9	19.9	11.6	0	602	2	72.8	60.8	53.5	<b>67.7</b>
LATHAM	E 2995 LLGT27	LLGT27	2.9	R	63.6	32.0	19.7	11.2	0	601	3	<b>78.2</b>	59.4	<b>55.7</b>	61.3
P3 GENETICS	1928E	E3	2.8	R	63.4	33.2	<b>20.2</b>	11.0	0	599	4	69.8	60.6	53.9	<b>69.1</b>
LATHAM	L 2894 E3	E3	2.8	R	63.2	33.5	19.6	10.6	0	597	5	<b>75.3</b>	63.1	49.4	<b>64.9</b>
FS HISOY	HS 27X90	RRX	2.7	R	62.9	32.5	<b>20.1</b>	11.4	0	595	6	68.5	<b>65.9</b>	51.3	<b>65.9</b>
HOEGEMEYER	2660 E	E3	2.6	R	62.8	33.3	<b>20.3</b>	10.4	0	594	7	<b>76.6</b>	<b>64.0</b>	<b>54.8</b>	55.8
GENESIS	G2840E	E3	2.8	R	62.7	33.0	19.9	10.6	0	593	8	70.4	63.8	53.3	63.4
APEX	AE2800	E3	2.8	R	62.5	33.0	<b>20.2</b>	10.8	0	591	9	68.3	62.4	49.9	<b>69.6</b>
PIONEER	P28T14E §	E3	2.8	R	62.6	32.5	19.7	11.1	0	591	10	72.7	<b>64.7</b>	50.5	62.3
KRUGER	K2X-2971	RRX	2.9	R	62.3	32.8	19.3	11.7	0	589	11	73.8	60.9	50.8	63.7
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	62.2	<b>33.7</b>	19.8	10.2	0	587	12	72.4	63.6	51.0	61.6
HEFTY	H28X8	RRX	2.8	R	62.1	33.3	19.4	10.9	0	587	13	66.9	61.3	52.9	<b>67.5</b>
NK BRAND	S28-E3 §	E3	2.8	MR	62.0	33.3	<b>20.3</b>	10.7	0	586	14	74.1	<b>64.0</b>	49.4	60.5
FS HISOY	HS 28E90	E3	2.8	R	61.9	32.9	19.6	12.8	0	584	15	70.5	62.4	53.8	60.9
NK BRAND	S27-M8X	RRX	2.7	R	61.8	32.9	19.8	10.1	0	584	16	67.9	<b>64.9</b>	51.9	62.5
LATHAM	L 2638 E3	E3	2.6	R	61.8	33.0	19.7	10.3	0	584	17	<b>75.4</b>	<b>68.4</b>	48.9	54.3
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	61.7	<b>34.0</b>	19.9	10.9	0	583	18	<b>77.4</b>	<b>63.9</b>	49.5	56.0
TITAN PRO	28E8	E3	2.8	R	61.6	33.1	<b>20.1</b>	10.8	0	582	19	<b>76.3</b>	61.0	45.7	63.4
PIONEER	P27A17X §	RRX	2.7	R	61.6	32.7	<b>20.7</b>	10.3	0	581	21	68.9	<b>65.2</b>	48.4	63.6
HOEGEMEYER	2970 E	E3	2.9	R	61.6	33.6	19.1	13.2	0	581	23	73.9	54.5	53.1	<b>64.7</b>
GOLDEN HARVEST	GH2981X	RRX	2.9	R	61.5	33.3	19.6	11.4	0	582	20	69.0	57.6	<b>55.2</b>	<b>64.3</b>
ASGROW	AG27X0 GC	RRX	2.7	R	61.4	33.0	19.4	10.4	0	581	22	58.3	61.3	<b>58.8</b>	<b>67.4</b>
ASGROW	AG26X8 §	RRX	2.6	R	60.8	33.3	19.4	10.4	0	574	24	72.2	59.3	51.5	60.1
P3 GENETICS	2126E	E3	2.6	R	60.4	32.6	19.6	10.4	0	570	26	71.0	63.8	50.6	56.0
ZINESTO	Z2900E	E3	2.9	R	60.4	32.4	19.7	12.5	0	570	27	69.0	59.1	52.9	60.6
NUTECH	26N04E	E3	2.6	R	59.7	33.2	19.6	10.4	0	564	28	<b>76.5</b>	58.1	50.6	53.6
NUTECH	28N02E	E3	2.8	R	59.7	32.8	19.6	11.2	0	564	29	71.7	63.6	48.6	54.9
CHANNEL	2820R2X GC	RRX	2.8	NA	59.7	32.6	19.9	10.0	0	564	30	66.2	57.9	50.9	63.8
CORNELIUS	CB27X81	RRX	2.7	R	59.6	33.3	18.8	10.4	0	563	31	68.0	60.1	48.0	62.0
CROPLAN	CP2400X CK	RRX	2.4	R	60.4	<b>34.2</b>	19.7	10.6	0	571	25	69.3	62.8	52.8	56.8

*Corey Rozenboom*

<b>Averages =</b>	<b>60.9</b>	<b>33.1</b>	<b>19.7</b>	<b>10.9</b>	<b>0</b>	<b>575</b>	<b>70.3</b>	<b>61.5</b>	<b>51.1</b>	<b>60.5</b>
LSD (0.10) =	3.7	0.6	0.4	0.6	ns		4.2	2.3	3.1	3.4
LSD (0.25) =	2.0	0.3	0.2	0.3	ns		2.2	1.2	1.6	1.8

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Prev. years average yield for region: 55.6 bu/a, 18 yr(s)

#### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$9.45

† 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.

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## 2020 Soybeans - Iowa North Central [ IANC ]

### Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2110	E3	R	2.1	CMBV,SA
APEX	AE2310	E3	R	2.3	CMBV,SA
APEX	AE2510	E3	R	2.5	CMBV,SA
CORNELIUS	CB24X64	RRX	R	2.4	PG+
CREDENZ	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
CREDENZ	CZ 2230GTLL	LLGT27	MR	2.2	PV,IL,OB
CREDENZ	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
CREDENZ	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
CROPLAN	CP2400X CK	RRX	R	2.4	Untreated
FS HISOY	HS 21X90	RRX	R	2.1	ACi,SA,B-200
FS HISOY	HS 22X00	RRX	R	2.2	ACi,SA
FS HISOY	HS 23X70	RRX	R	2.3	ACi,SA,B-200
FS HISOY	HS 24X80	RRX	R	2.4	ACi,SA,B-200
GENESIS	G2150E	E3	R	2.1	CMBV,SA
GENESIS	G2190GL	LLGT27	R	2.1	EcTC,SA
GENESIS	G2350E	E3	R	2.3	EcTC,SA
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GOLDEN HARVEST	GH2230X	RRX	R	2.2	CMBV,SA
GOLDEN HARVEST	GH2329X	RRX	MR	2.3	CMBV,SA
GOLDEN HARVEST	GH2552X	RRX	MR	2.5	CMBV,SA
HEFTY	H23X0	RRX	R	2.3	HCS
HEFTY	H23X9	RRX	MR	2.3	HCS
HEFTY	H25X0	RRX	R	2.5	HCS
HOEGEMEYER	2245 E	E3	R	2.2	Lum,Lu,IL
KRUGER	K2X-2573	RRX	R	2.5	ACi,IL
LATHAM	L 2184 R2X	RRX	R	2.1	SS+
LATHAM	L 2228 R2	RR2Y	R	2.2	SS+
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2549 R2X	RRX	R	2.5	SS+
NK BRAND	S21-W8X §	RRX	R	2.1	CMBV,SA
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
NK BRAND	S25-V8X	RRX	MR	2.5	CMBV,SA
NUTECH	22N02E	E3	R	2.2	Lum,G,IL
NUTECH	24N02E	E3	R	2.4	Lum,G,IL
NUTECH	24N04E	E3	R	2.4	Lum,G,IL
P3 GENETICS	1924E	E3	R	2.4	PG+

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
P3 GENETICS	2023E	E3	R	2.3	PG+
PIONEER	P25A04X §	RRX	R	2.5	Lum
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
STINE	21EA32 §	E3	R	2.1	VFI,SA
STINE	23EA32 §	E3	R	2.3	VFI,SA
TITAN PRO	21E0	E3	R	2.1	SA,A,R,G
TITAN PRO	22E8	E3	R	2.2	SA,A,R,G
TITAN PRO	25E0	E3	R	2.5	SA,A,R,G
ZINESTO	Z2101E	E3	R	2.1	DST
ZINESTO	Z2401E	E3	R	2.4	DST
ZINESTO	Z2501E	E3	R	2.5	DST

## 2020 Soybeans - Iowa North Central [ IANC ]

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

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2610	E3	R	2.6	CMBV,SA
APEX	AE2800	E3	R	2.8	CMBV,SA
ASGROW	AG26X0 §	RRX	R	2.6	ACi,IL
ASGROW	AG26X8 §	RRX	R	2.6	ACi
ASGROW	AG27X0 GC	RRX	R	2.7	ACi,IL
ASGROW	AG29X9 §	RRX	R	2.9	ACi,IL
CHANNEL	2820R2X GC	RRX	NA	2.8	ACi,IL
CORNELIUS	CB26X78	RRX	R	2.6	PG+
CORNELIUS	CB27X81	RRX	R	2.7	PG+
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
CREDENZ	CZ 2830GTLL	LLGT27	R	2.8	PV,IL,OB
CREDENZ	CZ 2910GTLL	LLGT27	R	2.9	PV,IL,OB
CROPLAN	CP2400X CK	RRX	R	2.4	Untreated
FS HISOY	HS 27X90	RRX	R	2.7	ACi,SA,B-200
FS HISOY	HS 28E90	E3	R	2.8	ACi,SA,B-200
FS HISOY	HS 28X70	RRX	R	2.8	ACi,SA,B-200
GENESIS	G2840E	E3	R	2.8	CMBV,SA
GOLDEN HARVEST	GH2788X §	RRX	R	2.7	CMBV,SA
GOLDEN HARVEST	GH2981X	RRX	R	2.9	CMBV,SA
HEFTY	H28X8	RRX	R	2.8	Untreated
HEFTY	H29X8	RRX	MR	2.9	HCS
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
HOEGEMEYER	2970 E	E3	R	2.9	Lum,Lu,IL
KRUGER	K2X-2673	RRX	R	2.6	ACi,IL
KRUGER	K2X-2971	RRX	R	2.9	ACi,IL
LATHAM	E 2995 LLGT27	LLGT27	R	2.9	SS+
LATHAM	L 2638 E3	E3	R	2.6	SS+
LATHAM	L 2682 R2X	RRX	R	2.6	SS+
LATHAM	L 2894 E3	E3	R	2.8	SS+
NK BRAND	S27-M8X	RRX	R	2.7	CMBV,SA
NK BRAND	S28-E3 §	E3	MR	2.8	CMBV,SA
NUTECH	26N04E	E3	R	2.6	Lum,G,IL
NUTECH	28N02E	E3	R	2.8	Lum,G,IL
P3 GENETICS	1928E	E3	R	2.8	PG+
P3 GENETICS	2126E	E3	R	2.6	PG+
PIONEER	P27A17X §	RRX	R	2.7	Untreated

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P28T14E §	E3	R	2.8	Untreated
RENK	RS280NX	RRX	R	2.8	EcTC,SA
STINE	27EC20 §	E3	R	2.7	VFI,SA
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
ZINESTO	Z2701E	E3	R	2.7	DST
ZINESTO	Z2900E	E3	R	2.9	DST

## 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®
RR2Y	Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®

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## Soybeans Seed Treatments\*\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron Standard fungicide + insecticide, Saltro
ACi,SA,B-200	Acceleron Standard fungicide + insecticide, Saltro, Acceleron B-200 SAT (Dry Seed Finisher)
CMBV,SA	Cruisermaxx, Vibrance, Saltro
DST	Dominance 2 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
HCS	Hefty Complete Soybeans
Lum	Lumigen™
Lum,G,IL	Lumisena, Gaucho, ILeVO
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
SS+	SoyShield Plus
Untreated	No seed treatment
VFI,SA	Virile Fungicide+Insecticide, Saltro (BCS Consulting)

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