

2019 Soybeans Top 30 Performance Summary for Iowa Northwest [IANW]

Early-Season Test

2.1 - 2.4 Day CRM

S2019IANWa

Top 30 of 36

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	Albert City REJECTED	Boydton	Galva	Hartley
NK BRAND	S21-W8X §	RRX	2.1	R	63.7	34.6	18.7	12.1	1	542	1	34.9	66.3	61.1	63.9
PIONEER	P24A99X §	RRX	2.4	R	63.3	34.9	18.9	12.5	5	538	2	35.1	63.7	63.8	62.4
GOLDEN HARVEST	GH1915X §	RRX	1.9	R	63.2	33.6	19.2	12.2	1	537	3	44.7	64.9	61.6	63.1
FS HISOY	HS 24X80	RRX	2.4	R	63.0	34.1	18.3	12.6	1	535	4	44.7	69.0	65.1	54.8
HEFTY	H23X0	RRX	2.3	R	62.4	33.8	19.1	12.6	1	530	5	35.3	64.9	62.6	59.7
LATHAM	L2295R2X	RRX	2.2	R	62.3	34.8	18.4	12.3	8	529	6	51.0	64.2	63.0	59.7
FS HISOY	HS 21X90	RRX	2.1	R	62.1	33.7	18.6	12.5	1	528	7		64.5	64.7	57.2
LATHAM	L 2395 LLGT27	LG27	2.3	R	61.8	34.2	19.3	12.6	1	525	8		63.5	61.3	60.5
ASGROW	AG20X9 §	RRX	2.0	R	61.5	34.1	18.2	12.4	1	523	9		64.6	59.0	61.0
CHAMPION	2220GTLL	LG27	2.2	R	61.4	35.2	18.2	12.6	15	521	10		62.3	61.7	60.1
GOLDEN HARVEST	GH2230X	RRX	2.2	R	60.9	34.2	19.1	12.2	4	517	11		64.2	60.8	57.6
LEGEND	LS 201E964N	E3	2.1	R	60.9	35.3	17.9	12.6	1	517	12		64.1	63.0	55.5
CREDENZ	CZ 2360GTLL	LG27	2.3	MR	60.7	34.0	19.1	12.4	1	516	13		63.9	59.9	58.3
PIONEER	P21A28X §	RRX	2.1	R	60.4	33.4	19.9	12.2	1	514	14		63.6	56.8	60.9
KRUGER	K2X-2283	RRX	2.2	R	60.4	33.4	19.8	13.1	2	513	15		61.8	59.8	59.6
HOEGEMEYER	2202 NX	RRX	2.2	R	60.0	34.4	18.8	12.9	2	510	16		62.8	63.3	53.9
HEFTY	Z2301E	E3	2.3	R	59.9	33.5	18.7	12.8	6	508	17		63.5	65.8	50.3
HEFTY	H24X8	RRX	2.4	MR	59.4	34.9	18.9	13.2	5	504	18		62.5	58.6	57.1
HOEGEMEYER	1910 E	E3	1.9	R	59.2	33.7	18.4	12.5	6	503	19		65.6	56.3	55.6
TITAN PRO	22E8	E3	2.2	R	59.1	33.8	19.3	12.5	1	502	20		60.1	62.3	54.8
CHAMPION	24X98N	RRX	2.4	R	59.1	35.0	18.8	13.1	4	501	22		66.0	60.3	50.8
TITAN PRO	TP-24X87	RRX	2.4	R	58.7	34.8	18.9	13.1	9	499	23		65.6	57.2	53.4
CREDENZ	CZ 2040GTLL	LG27	2.0	R	58.7	33.8	19.2	12.3	1	499	24		60.2	57.3	58.6
LEGEND	LS 20X963N	RRX	2.0	MR	58.3	34.4	18.7	12.2	1	495	25		61.5	54.4	59.0
TITAN PRO	24GL9	LG27	2.4	R	58.0	34.0	19.2	12.5	1	492	26		59.1	61.1	53.7
LATHAM	L2368R2X	RRX	2.3	R	57.3	32.8	19.3	12.7	1	487	27		60.4	58.5	53.0
CHAMPION	21X99N	RRX	2.1	R	57.2	34.3	18.7	12.3	1	486	28	38.4	59.5	55.2	56.9
CHAMPION	2370EN	E3	2.3	R	56.6	33.5	18.8	12.8	2	481	29	39.8	60.9	63.5	45.5
KRUGER	K2X-2172	RRX	2.1	R	56.3	34.6	19.0	12.5	11	478	30	34.7	60.6	53.6	54.7
FS HISOY	HS 23X70	RRX	2.3	R	55.5	34.0	19.3	13.1	3	471	31	36.4	56.6	56.0	53.8
CROPLAN	R2C2450 CK	RR2Y	2.4	R	59.0	33.7	19.4	12.3	1	502	21	40.8	60.1	58.0	59.0

Data Rejected - Not in Summary

Corey Rozenboom

Averages =	59.0	34.1	18.9	12.6	4	501	38.7	62.2	59.6	55.1
LSD (0.10) =	2.5	0.6	0.3	0.2	6		10.9	2.2	2.5	4.7
LSD (0.25) =	1.3	0.3	0.2	0.1	3		5.7	1.1	1.3	2.5

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$8.50

† 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. *There were 2 reps for the site.

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2019 Soybeans Top 30 Performance Summary for Iowa Northwest [IANW]

Full-Season Test

2.5 - 2.8 Day CRM


S2019IANWb

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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	Albert City REJECTED	Boyden	Galva	Hartley
KRUGER	K2X-2673	RRX	2.6	R	63.9	34.6	18.3	13.2	1	543	1	45.5	69.4	63.1	59.3
AGRIGOLD	G2505RX GC	RRX	2.5	R	63.2	34.1	18.2	13.1	1	537	2	47.3	68.7	64.9	56.1
LATHAM	L 2549R2X	RRX	2.5	R	63.1	34.2	18.3	12.8	1	536	3	40.9	66.8	63.6	59.1
PIONEER	P27A17X §	RRX	2.7	R	63.0	33.5	19.6	13.4	1	534	4	48.5	63.2	65.1	60.6
HEFTY	H25X0	RRX	2.5	R	62.9	33.2	18.6	13.4	1	534	5	50.0	62.6	64.2	61.9
PIONEER	P25A70R GC	RR	2.5	R	62.3	33.6	19.1	13.6	1	529	6	44.6	64.8	62.2	59.9
FS HISOY	HS 27X90	RRX	2.7	R	61.8	33.5	19.0	14.5	3	523	8		64.1	62.2	59.0
CHAMPION	25X70N	RRX	2.5	R	61.7	33.2	18.5	13.2	1	524	7		64.9	60.3	59.9
CREDENZ	CZ 2830GTLL	LG27	2.8	R	61.4	35.1	18.2	14.1	1	521	9		68.4	64.3	51.6
CHAMPION	27X90N	RRX	2.7	R	61.1	33.8	19.0	14.9	5	516	13		63.5	61.0	58.6
HOEGEMEYER	2540 E	E3	2.5	R	61.0	34.1	19.0	13.1	3	518	10		65.9	62.1	55.0
TITAN PRO	28GL9	LG27	2.8	R	61.0	34.7	18.3	14.0	1	517	11		63.1	65.0	54.9
TITAN PRO	28E8	E3	2.8	R	61.0	33.1	19.8	13.9	1	517	12		63.2	65.6	54.1
HEFTY	Z2700E	E3	2.7	R	60.7	33.3	19.7	13.5	1	515	14		65.0	63.2	53.9
HOEGEMEYER	2781 NX	RRX	2.7	R	60.6	34.2	19.1	14.2	9	514	15		64.8	62.1	54.8
ASGROW	AG27X0	RRX	2.7	R	60.2	33.9	18.5	13.5	1	511	17		64.9	58.6	57.0
ASGROW	AG26X0	RRX	2.6	R	60.1	34.9	18.0	12.9	1	510	18	41.7	62.2	62.3	55.7
KRUGER	K2X-2652	RRX	2.6	R	60.0	34.6	18.6	13.6	12	509	19		63.4	60.7	55.9
CHAMPION	2820GTLL	LG27	2.8	R	59.4	33.9	19.2	13.6	1	505	20		63.0	61.6	53.8
LATHAM	L 2578 LLGT27	LG27	2.5	R	59.4	34.3	18.9	13.0	3	504	21		63.6	59.3	55.2
STINE	27EA23	E3	2.7	R	59.3	33.2	20.0	13.8	1	504	22		69.2	62.1	46.7
FS HISOY	HS 25X70	RRX	2.5	R	59.3	33.7	19.3	13.4	1	503	23		64.7	60.2	52.9
FS HISOY	HS 28X70	RRX	2.8	R	59.0	33.8	18.5	13.9	1	501	24		60.1	61.2	55.7
CHAMPION	2889EN	E3	2.8	R	58.7	33.3	19.6	13.9	1	498	25		65.0	58.4	52.8
LATHAM	L 2839 LLGT27	LG27	2.8	R	58.7	31.8	19.7	14.0	1	498	26		68.7	59.5	47.9
BECKS	2559X2	RRX	2.5	R	58.6	33.5	19.2	14.0	1	497	27		61.0	61.1	53.8
KRUGER	K2X-2863	RRX	2.8	R	58.4	36.2	18.1	13.5	1	496	28	41.4	59.2	57.8	58.3
ASGROW	AG25X0	RRX	2.5	R	58.3	33.5	19.3	13.0	1	495	29	35.0	60.9	60.8	53.3
NK BRAND	S27-M8X	RRX	2.7	R	58.3	34.2	19.1	13.5	1	495	30	45.7	65.6	57.0	52.3
TITAN PRO	TP-28X47	RRX	2.8	R	58.3	34.5	18.2	14.0	1	494	31	33.9	58.7	59.7	56.5
CROPLAN	R2C2450 CK	RR2Y	2.4	R	60.1	34.4	19.0	12.4	2	511	16	38.5	61.6	59.1	59.7

Data Rejected - Not in Summary

 Corey Rozenboom corey.rozenboom@firstseedtests.com, (319) 830-8886	Averages =	59.4	34.0	18.9	13.6	2	504	41.3	62.8	60.4	55.0
	LSD (0.10) =	2.2	0.5	0.3	0.5	4		9.0	2.6	2.0	4.3
	LSD (0.25) =	1.2	0.3	0.1	0.2	2		4.7	1.4	1.0	2.2

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.50

† 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. *There were 2 reps for the site.

2019 Soybeans - Iowa Northwest [IANW]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG20X9 §	RRX	R	2.0
CHAMPION	21X99N	RRX	R	2.1
CHAMPION	2220GTLL	LG27	R	2.2
CHAMPION	2370EN	E3	R	2.3
CHAMPION	24X98N	RRX	R	2.4
CREDENZ	CZ 2040GTLL	LG27	R	2.0
CREDENZ	CZ 2360GTLL	LG27	MR	2.3
CROPLAN	R2C2450 CK	RR2Y	R	2.4
FS HISOY	HS 21X90	RRX	R	2.1
FS HISOY	HS 22X90	RRX	R	2.2
FS HISOY	HS 23X70	RRX	R	2.3
FS HISOY	HS 24X80	RRX	R	2.4
GOLDEN HARVEST	GH1915X §	RRX	R	1.9
GOLDEN HARVEST	GH2230X	RRX	R	2.2
HEFTY	H23X0	RRX	R	2.3
HEFTY	H24X8	RRX	MR	2.4
HEFTY	Z2301E	E3	R	2.3
HEFTY	Z2400E	E3	R	2.4
HOEGEMEYER	1910 E	E3	R	1.9
HOEGEMEYER	2202 NX	RRX	R	2.2
KRUGER	K2X-2172	RRX	R	2.1
KRUGER	K2X-2283	RRX	R	2.2
LATHAM	L 2395 LLGT27	LG27	R	2.3
LATHAM	L 2429 E3	E3	R	2.4
LATHAM	L2295R2X	RRX	R	2.2
LATHAM	L2368R2X	RRX	R	2.3
LEGEND	LS 201E964N	E3	R	2.1
LEGEND	LS 20X963N	RRX	MR	2.0
NK BRAND	S18-G4X §	RRX	R	1.8
NK BRAND	S21-W8X §	RRX	R	2.1
PIONEER	P21A28X §	RRX	R	2.1
PIONEER	P24A99X §	RRX	R	2.4
TITAN PRO	22E8	E3	R	2.2
TITAN PRO	23E9	E3	R	2.3
TITAN PRO	24GL9	LG27	R	2.4
TITAN PRO	TP-24X87	RRX	R	2.4

2019 Soybeans - Iowa Northwest [IANW]

Full-Season Test Products (41 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
AGRIGOLD	G2505RX GC	RRX	R	2.5
ASGROW	AG25X0	RRX	R	2.5
ASGROW	AG26X0	RRX	R	2.6
ASGROW	AG27X0	RRX	R	2.7
BECKS	2559X2	RRX	R	2.5
CHAMPION	25X70N	RRX	R	2.5
CHAMPION	27X90N	RRX	R	2.7
CHAMPION	2820GTLL	LG27	R	2.8
CHAMPION	2889EN	E3	R	2.8
CREDENZ	CZ 2579GTLL	LG27	MR	2.5
CREDENZ	CZ 2830GTLL	LG27	R	2.8
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CROPLAN	R2C2450 CK	RR2Y	R	2.4
FS HISOY	HS 25X70	RRX	R	2.5
FS HISOY	HS 26X90	RRX	R	2.6
FS HISOY	HS 27X90	RRX	R	2.7
FS HISOY	HS 28X70	RRX	R	2.8
GOLDEN HARVEST	GH2552X	RRX	MR	2.5
GOLDEN HARVEST	GH2788X	RRX	R	2.7
HEFTY	H25E0	E3	R	2.5
HEFTY	H25X0	RRX	R	2.5
HEFTY	Z2700E	E3	R	2.7
HOEGEMEYER	2540 E	E3	R	2.5
HOEGEMEYER	2781 NX	RRX	R	2.7
KRUGER	K2X-2573	RRX	R	2.5
KRUGER	K2X-2652	RRX	R	2.6
KRUGER	K2X-2673	RRX	R	2.6
KRUGER	K2X-2863	RRX	R	2.8
LATHAM	L 2549R2X	RRX	R	2.5
LATHAM	L 2578 LLGT27	LG27	R	2.5
LATHAM	L 2839 LLGT27	LG27	R	2.8
NK BRAND	S25-V8X	RRX	MR	2.5
NK BRAND	S27-M8X	RRX	R	2.7
PIONEER	P25A70R GC	RR	R	2.5
PIONEER	P27A17X §	RRX	R	2.7
PIONEER	P27T59R GC	RR	R	2.7

Company/Brand	Brand/Product	Technology	RM	SCN
STINE	27EA23	E3	R	2.7
TITAN PRO	25E8	E3	R	2.5
TITAN PRO	28E8	E3	R	2.8
TITAN PRO	28GL9	LG27	R	2.8
TITAN PRO	TP-28X47	RRX	R	2.8

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™
LG27 or G27	LibertyLink® GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant