

2018 NDSU Roundup Ready and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, T. Helms (Page 1 of 3).

Company	Variety	2-site Mean IDC ¹	Company	Variety	2-site Mean IDC ¹
REA Hybrids	RX0228	1.6	Legend	007X956N	2.2
Dairyland	DSR-0509R	1.7	LG	S00899RX	2.2
Dalman	6903XN	1.7	Dairyland	DSR-0305/R2Y	2.2
Integra	20468	1.7	LG	S0400RX	2.2
Integra	50309N R2X	1.8	NorthStar Genetics	0064R2	2.2
Legacy	LS-0239NRR2X	1.8	REA Hybrids	R00727	2.2
NK	NK S03-G9	1.8	REA Hybrids	RX00619	2.2
Thunder	SB8903N	1.8	REA Hybrids	RX0327	2.2
Dyna-Gro	S03XT29	1.8	Thunder	39005R2Y	2.2
Golden Harvest	GH0086	1.8	Dyna-Gro	S09XT39	2.2
Legend	01X850	1.8	Dairyland	DSR-0397/R2Y	2.2
Channel	0218R2X	1.8	Dyna-Gro	S007XT59	2.2
Dairyland	DSR-0200/R2Y	1.8	LG	C100RX	2.2
Dairyland	DSR-0405R	1.8	Midwest Seed Genetics	MW0841	2.2
Peterson Farms Seed	19X03N	1.8	Pioneer Hi-Bred	00A49X	2.2
Proseed	XT80-20	1.8	Legend	12X862N	2.3
Thunder	SB89006N	1.8	NuTech	6097R2	2.3
Legend	03X852N	1.8	Hefty	H02R3	2.3
LG	S0335RX	1.8	Legend	009X852N	2.3
Hefty	H02X9	1.9	NuTech	6136X	2.3
Midwest Seed Genetics	MWX0341	1.9	Allegiant	009X08	2.3
NK	NKS12-R3	1.9	Dairyland	DSR-C709R	2.3
REA Hybrids	RX00749	1.9	Legacy	LS-0937RR2X	2.3
Golden Harvest	GH0391	2.0	Legacy	LS-0334RR2	2.3
Thunder	3503R2Y	2.0	Midwest Seed Genetics	MW0441	2.3
Dalman	68008XN	2.0	Pioneer Hi-Bred	006A37X	2.3
LG	S00909R2	2.0	Proseed	XT60-40	2.3
NorthStar	60264NXR2	2.0	REA Hybrids	RX0719	2.3
Pioneer Hi-Bred	007A90R	2.0	Dalman	5601RR2Y	2.3
Allegiant	007X14N	2.1	Dyna-Gro	S04XT77	2.3
Allegiant	008X30N	2.1	Dyna-Gro	S14XT98	2.3
Dyna-Gro	S009XT49	2.1	Integra	50098	2.3
Legend	02R21	2.1	Thunder	Astro	2.3
REA Hybrids	RX0628	2.1	Thunder	SB88007N	2.3
Channel	0518R2X	2.1	Integra	20775N	2.4
Dalman	6909XN	2.1	Integra	51449N	2.4
Legacy	LS-00937RR2X	2.1	NorthStar Genetics	60092XR2	2.4
Proseed	XT60-09	2.1	Peterson Farms Seed	17X04N	2.4
Thunder	SB87009	2.1	Peterson Farms Seed	19X10N	2.4
Dairyland	DSR-0418/R2Y	2.1	Proseed	XT70-09	2.4
Dyna-Gro	S009XT68	2.1	Dairyland	DSR-0988/R2Y	2.4
Hefty	H009X7	2.2	Channel	00717R2X	2.4
Legacy	LS-0337NRR2X	2.2	Dairyland	DSR-0807/R2Y	2.4
Mean		2.4	Mean		2.4
LSD 0.05		0.3	LSD 0.05		0.3
LSD 0.10		0.28	LSD 0.10		0.28
CV		14.1			14.1

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Company	Variety	2-site Mean IDC ¹	Company	Variety	2-site Mean IDC ¹
Dyna-Gro	S005XT38	2.4	Legend	14X862N	2.6
LG	S0111RX	2.4	LG	S0550RX	2.6
NorthStar	60513 NXR2	2.4	NorthStar Genetics	60053XR2	2.6
NuTech	6008R2	2.4	Dairyland	DSR-0225/R2Y	2.6
Dyna-Gro	S05XT88	2.4	Allegiant	005X17	2.6
Dyna-Gro	S11XT78	2.4	Dairyland	DSR-0404/R2Y	2.6
Golden Harvest	GH0339X	2.4	Dairyland	DSR-0309R	2.7
Integra	20300	2.4	Dalman	6811XN	2.7
Integra	20915N	2.4	Golden Harvest	GH0992X	2.7
Integra	50069	2.4	Legend	005X853	2.7
Legacy	LS-00737NRR2X	2.4	Legend	06X950N	2.7
NorthStar Genetics	60442NXR2	2.4	Midwest Seed Genetics	MWX0741	2.7
Hefty	H008X8	2.5	Proseed	XT71-40	2.7
Legend	007R22	2.5	Thunder	3601R2Y	2.7
Peterson Farms Seed	18X008N	2.5	Thunder	SB8909N	2.7
Prairie Brand	PB-1257R2	2.5	Dalman	6806XN	2.7
Proseed	XT70-60	2.5	Golden Harvest	GH0749X	2.7
Golden Harvest	GH0145X	2.5	Legacy	LS-0237RR2X	2.7
Integra	20126 R2Y	2.5	Legend	09X960N	2.7
Legacy	LS-1138N	2.5	NorthStar Genetics	60743NXR2	2.7
LG	S0962RX	2.5	Peterson Farms Seed	18X07N	2.7
NK	NK S01-C4X	2.5	Proseed	20-30	2.7
Proseed	30-20	2.5	Proseed	50-08	2.7
Channel	0819R2X	2.5	Hefty	H06X8	2.7
Hefty	03X8	2.5	Dyna-Gro	S06XT59	2.7
LG	S1575RX	2.5	Dairyland	DSR-1313/R2Y	2.7
NK	NK S009-J1	2.5	Dyna-Gro	X05XT88	2.7
Peterson Farms Seed	16R01	2.5	Legacy	LS-0638NRR2X	2.7
Hefty	H02X7	2.5	LG	S0886RX	2.7
Integra	20097	2.6	NorthStar Genetics	0081NR2	2.7
Integra	20215	2.6	Peterson Farms Seed	18X11N	2.7
Legacy	LS-135RR2	2.6	Thunder	3907R2Y	2.7
Legacy	LS-0438RR2X	2.6	Proseed	XT80-80	2.7
LG	S00663RX	2.6	Hefty	06X8	2.8
LG	S0224R2	2.6	Hefty	H04X8	2.8
NDSU	ND18008GT	2.6	Integra	50989N	2.8
Prairie Brand	PB-00856R2	2.6	Legacy	LS-0835NRR2	2.8
Proseed	XT70-70	2.6	LG	S00885R2	2.8
REA Hybrids	RX0929	2.6	LG	S0774RX	2.8
Allegiant	02X03	2.6	NorthStar Genetics	0111R2	2.8
Dairyland	DSR-1509R	2.6	Allegiant	01R80	2.8
Dyna-Gro	S007XT27	2.6	Dairyland	DSR-0777/R2Y	2.8
Integra	20087	2.6	Legend	05X865N	2.8
Mean		2.4	Mean		2.4
LSD 0.05		0.3	LSD 0.05		0.3
LSD 0.10		0.28	LSD 0.10		0.28
CV		14.1			14.1

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Channel	1017R2X	2.8	NK	NKS07-Q4X	2.9
Channel	1318R2X	2.8	Peterson Farms Seed	18X08N	2.9
Legend	07X852N	2.8	Dairyland	DSR-0711/R2Y	3.0
Channel	0619R2X	2.8	LG	C1337RX	3.0
Hefty	H008R6	2.8	Legacy	LS-0378NRR2X	3.0
Integra	51229N	2.8	Dyna-Gro	S12XT07	3.0
REA Hybrids	RX1027	2.8	Golden Harvest	GH0674X	3.0
Dyna-Gro	S07XT28	2.9	Legacy	LS-0935N	3.0
Golden Harvest	GH1024X	2.9	REA Hybrids	RX1439	3.1
Legacy	LS-0738N	2.9	NDSU	ND17009GT	3.1
Dairyland	DSR-C999/R2Y	2.9	REA Hybrids	RX0516	3.1
Peterson Farms Seed	18X06N	2.9	Dairyland	DSR-1120/R2Y	3.1
Channel	1219R2X	2.9	Channel	1117R2X	3.2
Dalman	56009NRR2Y	2.9	NK	NKS06-K4X	3.2
Mean		2.4	Mean		2.4
LSD 0.05		0.3	LSD 0.05		0.3
LSD 0.10		0.28	LSD 0.10		0.28
CV		14.1	CV		14.1

¹IDC score was 1-5, with 1-green, 3-yellow, 5-dead tissue.

