

**2016 NDSU Roundup Ready Soybean Iron-deficiency Chlorosis Trial - Author, T. Helms (Page 1 of 2).**

Company	Variety	4-site	Company	Variety	4-site	Company	Variety	4-site
		Mean			Mean			Mean
		IDC <sup>1</sup>			IDC <sup>1</sup>			IDC <sup>1</sup>
Asgrow	AG 00932 (check)	1.4	Peterson	17X04N	1.8	Proseed	50-60N	2.0
Pioneer	P01T06R	1.4	Integra	20468	1.8	Proseed	XT603	2.0
Pioneer	P005T13R	1.4	Integra	20600	1.8	Wensman	W30085NR2	2.0
Pioneer	P008T22R2	1.5	Legend	11R760N	1.8	Asgrow	AG 0732 (check)	2.0
Channel	0205R2	1.5	Syngenta	NKS08-M2	1.8	Channel	0507R2	2.0
Hefty	H009R5	1.5	Prairie	PB-1257R2	1.8	Dairyland	DSR-0305/R2Y	2.0
Legacy	LS-0334RR2	1.5	Peterson	16R01	1.8	Dyna-Gro	S04XT77	2.0
REA	R0815	1.5	Peterson	16X07N	1.8	Hefty	H03X7	2.0
Hefty	H008R3	1.5	REA	R00727	1.8	Dyna-Gro	SX16006R	2.0
REA	R0216	1.5	Wensman	W1037RX	1.8	Hefty	H02X7	2.0
Wensman	W1016RX	1.6	Wensman	W30048R2	1.8	Prairie	PB-0987R2	2.0
REA	64G94	1.6	Wensman	W3031NR2	1.8	Thunder	SB8707N	2.0
Dyna-Gro	S005RY87	1.6	Dyna-Gro	S06XT87	1.9	Hefty	H009X7	2.0
Syngenta	NKS12-R3	1.6	Hefty	H13X7	1.9	Integra	20915N	2.0
Northstar	NS 0080R2	1.6	Terning	TS 4090NRR2Y	1.9	Legacy	LS-0337NRRXT	2.0
Channel	1108R2	1.6	Mycogen	X56035NR2	1.9	Mycogen	X56083NR2	2.0
Northstar	NS 0200NR2	1.6	Wensman	W30065NR2	1.9	Syngenta	NKS007-Y4	2.0
Wensman	W30099R2	1.6	Asgrow	AG 0835 (check)	1.9	Northstar	NS 0090R2	2.0
Mycogen	5B024R2	1.7	Mycogen	5G007R2	1.9	Thunder	3601 R2Y	2.0
Wensman	W10063NRX	1.7	Syngenta	NKS02-B4	1.9	Integra	20097	2.0
Northstar	NS 0072R2	1.7	Peterson	15R07N	1.9	Integra	20775N	2.0
Proseed	XT6007	1.7	Proseed	10-08	1.9	Prairie	PB-0676R2	2.0
Wensman	W1071NRX	1.7	REA	69G14	1.9	Peterson	16R008N	2.0
Legacy	LS-00937RRXT	1.7	Dyna-Gro	S03RY36	1.9	Proseed	XT604	2.0
Prairie	PB-00727R2	1.7	Dyna-Gro	S09RY24	1.9	Wensman	W3024R2	2.0
Integra	20090	1.7	Northstar	NS 0480NR2	1.9	Dairyland	DSR-0988/R2Y	2.0
Integra	50447	1.7	Thunder	3511 R2YN	1.9	Legacy	LS-1134NRR2	2.0
Northstar	NS 1040NR2	1.7	Wensman	W3072NR2	1.9	Legend	06R665N	2.0
NuTech	6048	1.7	Asgrow	AG 0832 (check)	1.9	Legend	004R752	2.0
Prairie	PB-00950R2	1.7	Terning	TS 4061NRR2Y	1.9	Legend	12R24N	2.0
Peterson	16R06N	1.7	Dyna-Gro	S007XT27	1.9	Wensman	W1048NRX	2.0
Channel	0709R2	1.8	Legend	08R765N	1.9	Wensman	W1129NRX	2.0
Pioneer	P006T46R	1.8	Mycogen	5G009R2	1.9	Channel	0209R2	2.1
Thunder	3503 R2Y	1.8	Northstar	NS 0052R2	1.9	Dairyland	DSR-0619/R2Y	2.1
Integra	50098R2X	1.8	Northstar	NS 0111R2	1.9	Legend	006R760N	2.1
Syngenta	NKS06-Q9	1.8	Northstar	NS 0651NR2	1.9	Mycogen	5B033R2	2.1
Thunder	3606 R2YN	1.8	Proseed	30-20	1.9	Syngenta	NKS13-H5	2.1
Peterson	17X009	1.8	Proseed	50-08	1.9	Dairyland	DST04-003/R2Y	2.1
Peterson	17X03	1.8	Proseed	XT607	1.9	Dyna-Gro	S07RY45	2.1
Proseed	XT6009	1.8	Hefty	H007X7	2.0	Hefty	H00R6	2.1
Terning	TS 4111NRR2	1.8	Legacy	LS-0214RR2	2.0	Legacy	LS-0836N RR2	2.1
Hefty	H006R7	1.8	Legacy	LS-0837N	2.0	Syngenta	NKS02-R2	2.1
Hefty	H03R5	1.8	NuTech	6097R2	2.0	Proseed	XT610	2.1
Mean		2.0	Mean		2.0	Mean		2.0
LSD 0.05		0.30	LSD 0.05		0.30	LSD 0.05		0.30
LSD 0.10		0.21	LSD 0.10		0.21	LSD 0.10		0.21

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		4-site Mean			4-site Mean			4-site Mean
Company	Variety	IDC <sup>1</sup>	Company	Variety	IDC <sup>1</sup>	Company	Variety	IDC <sup>1</sup>
Thunder	3606 R2YN	2.1	Mycogen	5N078R2	2.2	Hefty	H08X7	2.5
Thunder	3614 R2YN	2.1	Channel	0807R2	2.2	Integra	20215	2.5
Asgrow	AG 0333 (check)	2.1	Dairyland	DSR-0404/R2Y	2.2	Mycogen	5N091R2	2.5
Dairyland	DSR-0807/R2Y	2.1	Legend	04R560	2.2	Legend	09R606N	2.5
Dyna-Gro	S009RY56	2.1	Proseed	40-07	2.2	Syngenta	NKS006-W5	2.5
Legend	10R551N	2.1	Thunder	3408 R2YN	2.2	Peterson	16R10	2.6
Northstar	NS 0318R2	2.1	Wensman	W3018R2	2.2	Hefty	H009R3	2.6
Channel	00806R2	2.1	Thunder	SB8704	2.2	Peterson	16R09N	2.6
Dyna-Gro	S09RY64	2.1	Dairyland	DSR-0225/R2Y	2.3	Dairyland	DSR-1120/R2Y	2.7
Hefty	H01R4	2.1	Hefty	H008R6	2.3	Stine <sup>2</sup>	0480 (check)	2.7
Mycogen	5B082R2	2.1	Hefty	H02R3	2.3	Stine <sup>2</sup>	0480 (check2)	2.7
Mycogen	X56131NR2	2.1	Legacy	LS-0833N RR2	2.3			
Northstar	NS 0081NR2	2.1	Mycogen	5B013R2	2.3			
Prairie	PB-0598R2	2.1	Proseed	30-80	2.3			
Peterson	17X13	2.1	Dahlman	6709XN	2.3			
Dairyland	DSR-C918/R2Y	2.1	Dairyland	DSR-1313/R2Y	2.3			
Proseed	20-30	2.1	Legacy	LS-1335NRR2	2.3			
Legacy	LS-0237RRXT	2.1	Northstar	NS 1390NR2	2.3			
Legend	13R700N	2.1	Prairie	PB-00856R2	2.3			
Prairie	PB-0397R2	2.1	Hefty	H09X7	2.3			
Thunder	SB8703	2.1	Legacy	LS-00835NRR2	2.3			
Wensman	W1067RX	2.1	Northstar	NS 0941NR2	2.3			
Wensman	W3143NR2	2.1	Integra	20087	2.3			
Legacy	LS-0135RR2	2.2	Integra	20300	2.3			
NuTech	6008R2	2.2	Prairie	PB-X16061R2	2.3			
Prairie	PB-0146R2	2.2	Integra	20967N	2.3			
Proseed	41-10	2.2	Legend	007R653	2.4			
Dyna-Gro	S06RY47	2.2	Legend	008R660N	2.4			
Dyna-Gro	S12RY44	2.2	Syngenta	NKS04-D3	2.4			
Syngenta	NKS07-B6	2.2	Thunder	SB8713N	2.4			
NuTech	7127R2	2.2	Peterson	15R04	2.4			
Thunder	3505 R2YN	2.2	Peterson	17X09N	2.4			
Wensman	W3080NR2	2.2	Dyna-Gro	S01RY86	2.4			
Hefty	H05X8	2.2	Northstar	NS 0012R2	2.4			
Integra	20126	2.2	Dairyland	DSR-0711/R2Y	2.4			
Legacy	LS-00834RR2	2.2	Mycogen	5B040R2	2.4			
Prairie	PB-0441R2	2.2	Thunder	SB8710N	2.4			
Prairie	PB-0777R2	2.2	Wensman	W3100NR2	2.4			
Hefty	H05X7	2.2	Dahlman	6713XN	2.4			
Hefty	H12X7	2.2	Prairie	PB-0863R2	2.4			
Legacy	LS-0635N RR2	2.2	Peterson	16X12N	2.5			
Legacy	LS-0935NRR2	2.2	Wensman	W1106NRX	2.5			
Mean		2.0	Mean		2.0	Mean		2.0
LSD 0.05		0.30	LSD 0.05		0.30	LSD 0.05		0.30
LSD 0.10		0.21	LSD 0.10		0.21	LSD 0.10		0.21

<sup>1</sup>IDC score was 1-5 with 1-green, 3-yellow, 5-dead tissue.

<sup>2</sup>Duplicate check cultivars to validate data.