

**NDSU 2014 Soybean Roundup Ready Iron-deficiency Chlorosis Variety Visual Score Data**

Author: Ted Helms, NDSU Soybean Breeder, ted.helms@ndsu.edu

IDC visual*			IDC visual*			IDC visual*		
Company	Cultivar	score	Company	Cultivar	score	Company	Cultivar	score
Legend	LS 03R22	1.3	Thunder	Astro	1.6	Renk	RS055NR2	1.8
Northstar	NS 0090R2	1.3	Dairyland	DSR-1340/R2Y	1.7	G2	6021	1.8
Dyna-Gro	34RY03	1.3	Legend	LS 009R20	1.7	G2	7063	1.8
Legend	LS 02R21	1.3	NK Brand	NKS02-B4	1.7	Integra	20646N	1.8
Croplan	R2T0091	1.4	Wensman	W 30099R2	1.7	Legacy	0214RR2	1.8
Dyan-Gro	S008RY43	1.4	Dyna-Gro	S006RY75	1.7	Pioneer	P008T22R2	1.8
Mycogen	5B024R2	1.4	Hefty	H007Y12	1.7	Proseed	P2 20-70	1.8
Prairie	PB-0240R2	1.4	Mycogen	5G009R2	1.7	Proseed	P2 20-30	1.8
Wensman	W 3030R2	1.4	Proseed	P2 11-07	1.7	Dyna-Gro	S14RY95	1.8
Proseed	P2 11-05	1.4	Wensman	W 30061NR2	1.7	Legend	LS 06R24N	1.8
Thunder	31009R2Y	1.5	Wensman	W 30084R2	1.7	Mycogen	5B066R2	1.8
Thunder	3503R2Y	1.5	Thunder	3205R2Y	1.7	Proseed	30-07	1.8
AgVenture	12B2	1.5	Dyna-Gro	S06RY24	1.7	Northstar	NS 006R2	1.8
Prairie	PB-00844R2	1.5	Integra	20031	1.7	Channel	0508R2	1.8
Dairyland	DSR-C905/R2Y	1.5	Integra	20090	1.7	Dyna-Gro	S007RY44	1.8
Hyland	HS 01RY02	1.5	Legend	LS 10R551N	1.7	G2	6007	1.8
Hyland	HX 10RY43	1.5	Mycogen	X54G007R2	1.7	G2	6143	1.8
Legend	LS 008R560N	1.5	Northstar	NS 1040NR2	1.7	G2	7104	1.8
Prairie	PB-00950R2	1.5	Peterson	14R06N	1.7	G2	6084R2	1.8
REA	140	1.5	Prairie	PB-00766R2	1.7	Integra	20126	1.8
REA	58G82	1.5	Stine	03RD66	1.7	NK Brand	NKS07-B6	1.8
REA	62G22	1.5	Wensman	W 3062NR2	1.7	Integra	20600	1.8
Dyna-Gro	30RY04	1.5	Dairyland	DSR-0305/R2Y	1.7	Legend	LS 007R550N	1.8
NK Brand	NKS00-A7	1.5	Integra	201B1	1.7	Mycogen	5B005R2	1.8
Northstar	NS 0080R2	1.5	Peterson	13R03	1.7	Legacy	LS0334RR2	1.9
Northstar	NS 0088R2	1.5	Proseed	30-11	1.7	AgVenture	08E5	1.9
NK Brand	NKS009-J1	1.6	Thunder	3307R2Y	1.7	Dyna-Gro	S07RY45	1.9
Peterson	14R008	1.6	Wensman	W 3031NR2	1.7	Integra	20076N	1.9
Asgrow	AG 00932(check)	1.6	AgVenture	05B2	1.8	Integra	21115N	1.9
Hefty	H008R3	1.6	Croplan	R2T0041	1.8	Peterson	14R02	1.9
Northstar	NS 0537R2	1.6	G2	6000	1.8	Asgrow	AG 0832(check)	1.9
Northstar	NS 0096R2	1.6	Hyland	HS 06RY26	1.8	G2	G2 6036	1.9
Thunder	3303R2Y	1.6	Integra	20300	1.8	G2	G2 6112	1.9
Legacy	LS1134NRR2	1.6	Legacy	LS00734NRR2	1.8	Hefty	H007R4	1.9
Mycogen	5B012R2	1.6	Legacy	LS00834RR2	1.8	Hefty	H01R4	1.9
Mycogen	5B033R2	1.6	Nuseed	2051RR2Y	1.8	Legend	LS 003R21	1.9
Proseed	P2 10-08	1.6	Peterson	15R006N	1.8	Legend	LS 003R24N	1.9
Proseed	P2 20-08	1.6	Peterson	15R07N	1.8	Proseed	P2 10-20	1.9
Thunder	3114R2Y	1.6	Proseed	P2 11-50	1.8	Terning	TS0503N	1.9
Nuseed	2034RR2YN	1.6	REA	REA 55G14	1.8	NK Brand	NKS007-Y4	1.9
Thunder	32005R2Y	1.6	REA	REA 64G94	1.8	Channel	1108R2	1.9
Thunder	3511R2YN	1.6	REA	REA 65G22	1.8	Integra	20915N	1.9
Mean		1.9	Mean		1.9	Mean		1.9
LSD (0.05)		0.34	LSD (0.05)		0.34	LSD (0.05)		0.34
CV		21.9	CV		21.9	CV		21.9

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IDC visual*			IDC visual*			IDC visual*		
Company	Cultivar	score	Company	Cultivar	score	Company	Cultivar	score
Mycogen	5N110R2	1.9	Mycogen	X54J009R2	2.0	REA	REA 69G13	2.2
Nuseed	0074RR2YN	1.9	Prairie	PB-0291R2	2.0	Renk	RS033R2	2.2
Prairie	PB-0598R2	1.9	REA	REA 69G14	2.0	Hyland	HS 05RYS25	2.2
Proseed	30-20	1.9	Hyland	HX 01RY41	2.1	Nuseed	2093RR2YN	2.2
Legend	LS 005R24	1.9	AgVenture	04E4	2.1	REA	REA 71G14	2.2
Wensman	W 3121NR2	1.9	Dairyland	DSR-0711/R2Y	2.1	Stine	08RE30	2.2
Thunder	34006R2Y	1.9	Hyland	HS 09RYS12	2.1	Prairie	PB-0777R2	2.2
Thunder	35007R2YN	1.9	Legend	LS 09R23N	2.1	Wensman	W 3024R2	2.2
Asgrow	AG 0430(check)	1.9	Nuseed	2122RR2YN	2.1	Pioneer	P01T23R	2.3
Asgrow	AG 0732(check)	1.9	Wensman	W 3076R2	2.1	Proseed	30-09	2.3
Dyna-Gro	S12RY44	1.9	Dyna-Gro	S09RY64	2.1	Wensman	W 3090NR2	2.3
Legend	LS 06R565N	1.9	Northstar	NS 0949R2	2.1	Legacy	LS0833NRR2	2.3
Northstar	NS 0480NR2	1.9	Proseed	30-60	2.1	Legacy	LS0134RR2	2.3
Peterson	14R11N	1.9	REA	REA R1215	2.1	Legacy	LS1314NRR2	2.3
G2	6083	2.0	Thunder	33009R2YN	2.1	REA	REA 66G14	2.3
Pioneer	P06T28R	2.0	Legacy	LS0634NRR2	2.1	Thunder	3408R2YN	2.3
Wensman	W 3080NR2	2.0	Thunder	3506R2YN	2.1	Legend	08R22N	2.3
Northstar	NS 0318R2	2.0	Dairyland	DSR-C918/R2Y	2.1	NK Brand	NKS09-K4	2.3
Wensman	W 3032R2	2.0	Hefty	H02R3	2.1	SoDak Genetics	SD2091R2Y	2.3
Legacy	LS0214RR2	2.0	Mycogen	5B040R2	2.1	Dyna-Gro	S08RY23	2.4
Legend	LS 04R560N	2.0	NK Brand	NKS05-M8	2.1	Integra	20815N	2.4
Northstar	NS 0060R2	2.0	Proseed	30-70	2.1	Peterson	14R13	2.4
REA	REA R0815	2.0	Hyland	HX 05RYS25	2.1	REA	REA 61G24	2.4
Croplan	R2T00800	2.0	Integra	20456N	2.1	Stine	11RD00	2.4
Dairyland	DSR-0404/R2Y	2.0	Northstar	NS 0629NR2	2.1	Dahlman	5309NRR2Y	2.4
Dairyland	DSR-0514/R2Y	2.0	Proseed	P2 20-90	2.1	Proseed	30-80	2.4
Dyna-Gro	S02RY74	2.0	Stine	06RE02	2.1	Terning	TS0812N	2.4
Legend	LS 04R560	2.0	Terning Seed	TS0622N	2.1	NK Brand	NKS12-H2	2.4
Peterson	15R04	2.0	SoDak Genetics	SD2101R2Y	2.2	Prairie	PB-0863R2	2.4
Pioneer	P03T68R2	2.0	Stine	01RE00	2.2	G2	G2 7157	2.5
REA	REA 53G32	2.0	Dairyland	DSR-0904/R2Y	2.2	NK Brand	NKS10-P9	2.5
Thunder	3201R2Y	2.0	Dyna-Gro	S04RY55	2.2	Integra	20109	2.5
Wensman	W 3102NR2	2.0	Legacy	LS0944NRR2	2.2	Hefty	H009R3	2.5
AgVenture	09E1	2.0	Legend	LS 0634N	2.2	Hyland	HX 08RY51	2.5
Legend	LS 12R24N	2.0	Mycogen	5N122R2	2.2	Dairyland	DSR-1120/R2Y	2.8
Mycogen	5B081R2	2.0	Mycogen	X54070NR2	2.2	NK Brand	NKS04-D3	2.8
Peterson	14R09N	2.0	Integra	20215	2.2	Susceptible check	Stine 0480#	2.9
Peterson	15R05N	2.0	Mycogen	5N091R2	2.2			
Prairie	PB-0441R2	2.0	Dahlman	5311NRR2Y	2.2			
Proseed	30-12	2.0	Nuseed	2074RR2YN	2.2			
Dairyland	DST02-001/R2Y	2.0	Pioneer	P05T24R	2.2			
Mean		1.9	Mean		1.9	Mean		1.9
LSD (0.05)		0.34	LSD (0.05)		0.34	LSD (0.05)		0.34
CV		21.9	CV		21.9	CV		21.9

\*IDC visual score: 1- green, 3- yellow, 5-dead averaged across 3 locations.

#IDC susceptible check varieties.