

2025 NDSU Enlist, GT27, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Authors, C. M. Dottey, G. Kreutz, and B. Harms (Page 1 of 3).

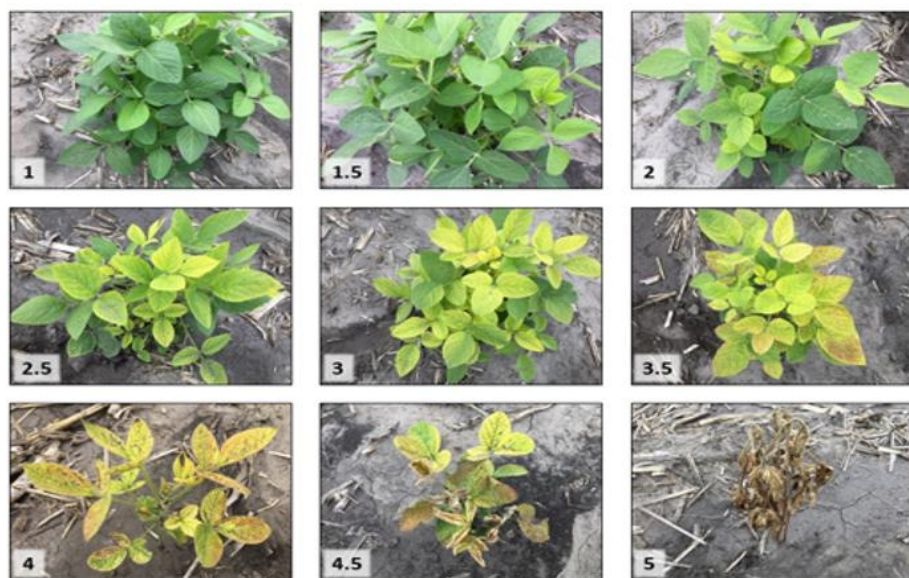
Note: Tolerant controls are highlighted in green. Susceptible controls are highlighted in red.

Company	Variety	IDC score				Average
		Empire	Nansen	Arthur	Garborg	
Alloy/Connect	A01E36/CT0126E	1.8	1.1	2.4	3.6	2.2
Alloy/Connect	A06E36/CT0626E	2.3	1.1	3.1	3.9	2.6
Alloy/Connect	A08E36, CT0826E	2.3	1.2	2.8	3.9	2.5
Alloy/Connect	A10E35/CT1025E	2.6	1.1	2.7	3.9	2.6
Alloy/Connect	A12E33/CT1223E	2.5	1.1	2.6	3.7	2.5
Asgrow	AG009XF6	2.0	1.2	2.3	3.9	2.3
Asgrow	AG05XF4	2.1	1.1	2.1	3.6	2.2
BASF	XO 0094E	1.9	1.3	2.5	3.6	2.3
BASF	XO 0234E	2.3	1.1	2.6	3.8	2.5
BASF	XO 0436E	2.2	1.2	2.5	3.8	2.4
BASF	XO 0554E	2.0	1.1	3.1	3.8	2.5
BASF	XO 0602E	2.3	1.4	3.1	3.9	2.7
BASF	XO 0806E	2.1	1.1	2.9	4.1	2.5
BASF	XO 1095E	2.8	1.2	2.9	3.7	2.7
BASF	XO 1116E	2.3	1.3	2.9	3.8	2.5
BASF	XO 1225E	2.6	1.3	2.7	3.9	2.6
Channel	00526RXF	2.0	1.3	2.8	3.6	2.4
Channel	00924RXF	2.1	1.1	3.2	3.5	2.5
Channel	0218R2X	1.5	1.0	1.9	3.2	1.9
Channel	0325RXF	1.9	1.3	3.0	3.7	2.5
Channel	0525RXF	2.4	1.1	2.9	3.4	2.5
Channel	0823RXF	2.4	1.1	3.0	3.7	2.6
Channel	0924RXF	2.3	1.2	3.0	3.6	2.5
Channel	1024RXF	2.5	1.3	2.6	3.9	2.6
Channel	1224RXF	2.3	1.3	2.3	3.8	2.4
Channel	1326RXF	2.9	1.2	3.3	3.3	2.7
Channel	1524RXF	2.5	1.2	2.8	3.9	2.6
Dahlman Seed	7304XF	2.0	1.3	2.6	3.4	2.3
Dahlman Seed	74009XF	2.4	1.3	3.1	4.1	2.7
Dahlman Seed	7401XF	2.0	1.0	2.4	3.4	2.2
Dahlman Seed	7503XF	2.8	1.4	3.2	3.7	2.8
Dahlman Seed	7508XF	1.9	1.3	2.8	3.8	2.4
Dahlman Seed	7602XF	2.1	1.1	2.4	4.0	2.4
Dahlman Seed	7603XF	2.1	1.3	3.3	4.4	2.8
Dahlman Seed	AE00940	2.4	1.2	3.0	3.6	2.6
Dahlman Seed	AE0260	1.9	1.1	3.3	4.3	2.6
Dahlman Seed	AE0541	2.5	1.2	2.5	3.6	2.5
Dahlman Seed	AE0850	1.8	1.3	2.8	3.7	2.4
Innvictis Seed Solutions	A0414XF	1.9	1.1	2.7	3.3	2.3
Innvictis Seed Solutions	A0710XF	2.4	1.1	3.1	3.6	2.6
Innvictis Seed Solutions	B0105E	2.1	1.6	2.4	4.1	2.6

Innvictis Seed Solutions	B0335E	2.6	1.3	2.9	3.8	2.7
Innvictis Seed Solutions	B0715E	2.5	1.3	3.1	3.4	2.6
LG Seeds	LGS00905XF	2.4	1.5	3.1	3.8	2.7
LG Seeds	LGS0320E3	2.1	1.1	2.8	3.9	2.5
LG Seeds	LGS0360XF	2.6	1.4	3.4	3.9	2.8
Midwest Seed Genetics	E00932	2.6	1.2	2.7	3.8	2.6
Midwest Seed Genetics	E0131	2.3	1.3	2.9	4.2	2.7
Midwest Seed Genetics	E0234	2.6	1.3	2.6	3.9	2.6
Midwest Seed Genetics	E0532	2.4	1.1	3.4	3.5	2.6
Midwest Seed Genetics	E0732	2.4	1.2	2.6	3.8	2.5
Midwest Seed Genetics	E0877	2.2	1.4	2.5	4.2	2.6
Midwest Seed Genetics	E1131	2.6	1.3	3.3	3.9	2.8
Midwest Seed Genetics	E1232	2.4	1.3	2.8	3.4	2.5
Midwest Seed Genetics	E1432	2.6	1.4	3.0	3.6	2.7
Midwest Seed Genetics	E1532	3.4	1.3	3.5	4.1	3.1
Midwest Seed Genetics	F00951	2.0	1.1	3.0	3.8	2.5
Midwest Seed Genetics	F0152	2.0	1.1	2.3	3.6	2.2
Midwest Seed Genetics	F0451	2.3	1.1	2.8	3.8	2.5
Midwest Seed Genetics	F0463	2.5	1.5	3.2	4.3	2.9
Midwest Seed Genetics	F0679	2.6	1.4	3.1	3.3	2.6
Midwest Seed Genetics	F0751	2.7	1.1	2.9	3.9	2.6
Midwest Seed Genetics	F0851	2.4	1.2	2.6	3.6	2.4
Midwest Seed Genetics	F1051	2.3	1.2	2.4	3.8	2.4
Midwest Seed Genetics	F1151	2.8	1.4	2.9	3.6	2.7
Midwest Seed Genetics	F1451	2.5	1.3	2.8	3.7	2.6
Mustang Seeds	10E125	2.0	1.1	2.4	3.5	2.2
Mustang Seeds	06E434	2.0	1.1	2.4	3.8	2.4
Mustang Seeds	13E335	2.5	1.4	2.9	3.5	2.6
Mustang Seeds	XF02515	2.1	1.1	2.6	3.6	2.3
Mustang Seeds	XF04415	2.8	1.2	2.2	3.8	2.5
NDSU	Traill	2.3	1.3	2.7	3.5	2.4
NDSU	ND Benson	2.0	1.3	2.8	3.3	2.3
NDSU	ND Rolette	1.7	1.1	2.0	3.1	2.0
NDSU	ND Stutsman	2.0	1.2	2.9	3.1	2.3
NDSU	ND21008GT20	2.4	1.1	2.4	2.9	2.2
NDSU	ND2108GT73	3.1	1.3	2.9	3.8	2.8
NDSU	ND17009GT	3.1	1.4	3.9	3.9	3.1
P3 Genetics	2106E	2.2	1.3	2.8	3.8	2.5
P3 Genetics	2207E	2.9	1.3	3.4	3.6	2.8
P3 Genetics	2311E	2.7	1.2	2.4	3.5	2.5
P3 Genetics	2510E	2.2	1.6	3.3	3.8	2.7
P3 Genetics	2511E	1.9	1.3	2.4	3.7	2.3
P3 Genetics	2609E	2.0	1.1	2.9	3.7	2.4
P3 Genetics	X2603E	2.4	1.1	3.1	3.6	2.6
P3 Genetics	X2607E	1.8	1.1	2.3	4.2	2.3
Peterson Farms Seed	19EN04	2.1	1.4	2.8	3.9	2.6
Peterson Farms Seed	24XF01	2.0	1.1	2.8	3.6	2.4

Peterson Farms Seed	25EN05	2.1	1.3	2.8	3.9	2.5
Peterson Farms Seed	25EN07	2.1	1.1	2.8	3.4	2.3
Peterson Farms Seed	25EN09	2.5	1.3	2.1	3.7	2.4
Peterson Farms Seed	25EN13	2.6	1.2	2.8	3.7	2.6
Peterson Farms Seed	25XF007	2.3	1.3	2.7	3.4	2.4
Peterson Farms Seed	25XF05	2.4	1.5	2.8	4.1	2.7
Peterson Farms Seed	25XF10	2.7	1.1	3.2	3.5	2.6
Peterson Farms Seed	26XF008	2.8	1.4	3.2	3.6	2.8
Peterson Farms Seed	26XF03	2.1	1.1	2.6	3.6	2.4
Peterson Farms Seed	26XF08	2.6	1.1	1.9	3.8	2.3
Peterson Farms Seed	26XF11	2.5	1.1	3.2	3.8	2.6
Peterson Farms Seed	X26EN10	2.1	1.1	2.7	3.7	2.4
Peterson Farms Seed	X26EN14	2.9	1.6	2.8	3.6	2.7
Peterson Farms Seed	X26XF06	2.0	1.4	2.9	3.8	2.5
Proseed	EL60-083	3.1	1.0	3.4	3.6	2.8
Proseed	EL60-23N	2.1	1.1	3.1	3.7	2.5
Proseed	EL60-33N	1.9	1.1	2.9	3.5	2.3
Proseed	EL60-53N	1.7	1.0	2.5	3.6	2.2
Proseed	EL60-73N	1.9	1.3	2.8	4.1	2.5
Proseed	EL60-93N	2.1	1.2	2.9	3.8	2.5
Proseed	EL61-53N	2.4	1.3	3.1	3.0	2.4
Proseed	XF60-082	1.9	1.1	2.6	3.4	2.3
Proseed	XF60-092	3.0	1.1	2.8	3.8	2.7
Proseed	XF60-22N	1.3	1.1	2.1	3.7	2.1
Proseed	XF60-32N	2.4	1.4	3.3	3.9	2.8
Proseed	XF60-42N	2.1	1.2	2.4	3.8	2.4
Mean		2.3	1.2	2.8	3.7	2.5
CV %		20.4	21.1	21.5	10.8	17.9
LSD 0.05		0.7	0.4	0.8	0.6	0.1

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



Soybean plants with IDC scores; 1 is green and 5 is dead tissue.