Table 3. 2024 NDSU Enlist, GT27, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Authors, C. Miranda, G. Kreutz, and B. Harms (Page 1 of 4).

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

		IDC score			
Company	Variety	Erie	Arthur	Garborg	Average
AgriGold	G0431E3	1.1	1.9	2.9	2.0
AgriGold	G1055E3	1.3	3.1	3.6	2.7
AtriGold	G0894E3	1.0	1.3	3.0	1.8
BASF	XO 0094E	1.3	2.8	3.5	2.5
BASF	XO 0234E	1.0	2.1	4.0	2.4
BASF	XO 0554E	1.0	1.8	3.6	2.1
BASF	XO 0602E	1.5	2.7	3.6	2.6
BASF	XO 0731E	1.1	2.0	4.0	2.4
BASF	XO 0993E	1.0	2.3	3.8	2.4
BASF	XO 1372	1.0	1.7	4.0	2.2
Bayer	A01E34/CT0124E	1.0	1.1	4.1	2.1
Bayer	A03E34/CT0324E	1.2	1.6	4.0	2.3
Bayer	A06E33/CT0623E	1.0	2.1	4.1	2.4
Bayer	A10E35/CT1025E	1.1	2.0	4.3	2.4
Bayer	A12E33/CT1223E	1.1	2.4	3.9	2.5
Bayer	A13E35/CT1325E	1.1	1.3	4.1	2.2
Bayer	A14E35	1.1	2.0	4.1	2.4
Bayer	A15E33/CT1523E	1.2	2.7	3.9	2.6
Bayer	A15E35/CT1525E	1.0	3.1	3.6	2.5
Bayer	AG007XF5	1.0	1.6	3.8	2.2
Bayer	AG02XF5	1.2	1.5	3.3	2.0
Bayer	AG12XF5	1.1	1.8	4.2	2.4
Champion	00704EN	1.0	2.1	4.0	2.4
Champion	0143EN	1.1	1.8	4.2	2.3
Champion	0165XL	1.1	1.3	3.4	1.9
Champion	0275EN	1.0	1.6	3.7	2.1
Champion	0425XL	1.0	1.7	3.4	2.0
Champion	0485EN	1.4	2.5	3.8	2.5
Champion	0494EN	1.0	1.4	4.1	2.2
Champion	0645EN	1.3	1.3	3.6	2.0
Champion	0784EN	1.3	1.4	3.7	2.1
Champion	0995EN	1.0	1.8	3.6	2.2
Champion	1305EN	1.0	2.5	4.1	2.5
Champion	1435EN	1.1	2.1	3.9	2.3
Channel	00924RXF	1.0	2.4	3.8	2.4
Channel	0122RXF	1.0	1.7	3.7	2.1
Channel	0218R2X	1.0	1.4	2.9	1.8
Channel	0225RXF	1.0	1.6	3.9	2.2
Channel	0325RXF	1.0	1.9	3.0	2.0
Channel	0423RXF	1.0	1.3	3.5	1.9
Channel	0525RXF	1.0	1.4	3.7	2.0
Channel	0823RXF	1.1	1.3	3.4	2.0
Channel	0924RXF	1.1	1.9	3.9	2.3
Channel	1024RXF	1.0	1.9	3.6	2.2
Channel	1125RXF	1.1	1.4	3.8	2.1
Mean		1.1	1.9	3.6	2.2
CV %		22.5	39	19.1	27
LSD 0.05		0.3	1	1	0.5

Table 3. 2024 NDSU Enlist, GT27, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Authors, C. Miranda, G. Kreutz, and B. Harms (Page 2 of 4).

		IDC score			
Company	Variety	Erie	Arthur	Garborg	Average
Channel	1224RXF	1.0	1.1	3.8	2.0
Channel	1524RXF	1.0	1.4	2.9	1.8
Dahlman	7304XF	1.0	1.8	2.9	1.9
Dahlman	74009XF	1.0	2.4	3.8	2.4
Dahlman	7401XF	1.0	1.8	3.4	2.0
Dahlman	7504XF	1.0	2.3	3.3	2.2
Dahlman	7508XF	1.0	1.9	3.3	2.0
Dahlman	AE00940	1.0	1.9	3.4	2.1

Dahlman	AE0350	1.5	1.9	3.9	2.4
Dahlman	AE0541	1.1	1.8	3.1	2.0
Dyna-Gro	S01XF25	1.0	1.5	3.4	2.0
Dyna-Gro	S07EN45	1.2	2.9	4.3	2.8
Dyna-Gro	S09XF55	1.1	1.8	3.8	2.2
Legacy	LS012-23 E	1.0	2.1	4.0	2.4
Legacy	LS014-23 XF	1.0	1.1	3.2	1.8
Legacy	LS022-24 E	1.0	1.4	3.8	2.1
Legacy	LS024-23 XF	1.0	2.2	3.5	2.2
Legacy	LS032-23E	1.3	2.0	4.1	2.5
Legacy	LS034-24 XF	1.0	1.6	2.4	1.7
Legacy	LS044-23 XF	1.0	1.3	3.1	1.8
Legacy	LS052-23E	1.0	2.1	4.3	2.5
Legacy	LS052-24 E	1.1	2.2	3.6	2.3
Legacy	LS072-21 E	1.1	2.3	3.7	2.4
Legacy	LS074-22 XF	1.0	2.8	3.5	2.4
Legacy	LS082-24	1.0	1.4	2.5	1.7
Legacy	LS094-24 XF	1.0	1.8	3.3	2.0
Legacy	LS102-22 E	1.2	2.1	3.8	2.3
Legacy	LS104-24 XF	1.0	2.1	3.6	2.2
Legacy	LS124-23 XF	1.0	2.3	3.4	2.2
Legacy	LS132-24 E	1.1	1.5	4.2	2.3
LG Seeds	LGS00901E3	1.1	1.6	3.7	2.2
LG Seeds	LGS0105E3	1.0	2.3	3.9	2.4
LG Seeds	LGS0139XF	1.0	1.4	3.4	1.9
LG Seeds	LGS0444XF	1.1	1.3	2.3	1.6
NDSU	Traill	1.1	1.6	2.4	1.7
NDSU	ND Benson	1.0	1.6	3.1	1.9
NDSU	ND Rolette	1.0	1.6	2.4	1.7
NDSU	ND Stutsman	1.2	1.8	3.3	2.1
NDSU	ND21008GT20	1.1	1.3	3.1	1.8
NDSU	ND2108GT73	1.0	2.2	4.0	2.4
NDSU	ND17009GT	1.0	3.1	4.3	2.8
NK Seeds	NK04-A9E3	1.1	3.2	4.1	2.8
NK Seeds	NK06-A1E3	1.0	2.5	4.2	2.6
NK Seeds	NK06-C4XF	1.0	1.9	3.7	2.2
NK Seeds	NK07-G5E3	1.0	1.2	4.1	2.1
Mean		1.1	1.9	3.6	2.2
CV %		22.5	39	19.1	27
LSD 0.05		0.3	1	1	0.5

Table 3. 2024 NDSU Enlist, GT27, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Authors, C. Miranda, G. Kreutz, and B. Harms (Page 3 of 4).

		IDC score			
Company	Variety	Erie	Arthur	Garborg	Average
NK Seeds	NK08-R3XF	1.0	2.0	3.7	2.2
NK Seeds	NK08-Z4E3	1.0	1.7	3.5	2.1
P3 Genetics	2003E	1.3	2.4	3.6	2.5
P3 Genetics	2106E	1.0	1.3	4.1	2.1
P3 Genetics	2108E	1.0	1.6	3.9	2.2
P3 Genetics	2201E	1.1	2.0	4.3	2.5
P3 Genetics	2207E	1.1	1.9	4.3	2.4
P3 Genetics	2212E	1.3	2.0	3.6	2.3
P3 Genetics	2304E	1.0	1.8	3.4	2.0
P3 Genetics	2309E	1.0	2.1	4.1	2.4
P3 Genetics	2311E	1.3	1.5	4.4	2.4
P3 Genetics	24009E	1.3	1.9	3.9	2.4
P3 Genetics	2401E	1.3	2.2	4.3	2.6
P3 Genetics	2405E	1.3	2.8	3.4	2.5
P3 Genetics	2406E	1.0	2.3	3.7	2.3
P3 Genetics	2414E	1.0	2.1	3.0	2.0
P3 Genetics	2510E	1.1	2.1	4.0	2.4
P3 Genetics	2511E	1.2	2.5	3.9	2.5
Peterson	19EN04	1.0	1.8	3.9	2.2
Peterson	21XF07	1.1	1.4	3.6	2.0

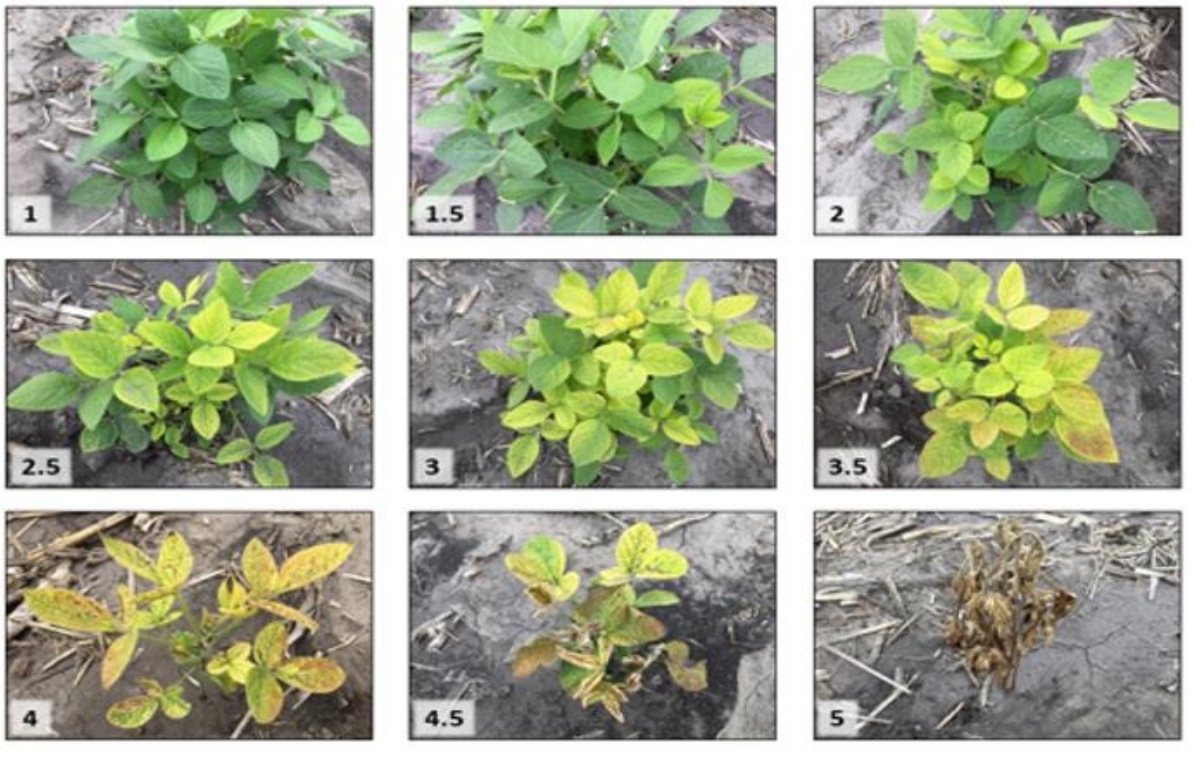
Peterson	22XF03	1.0	2.2	3.1	2.1
Peterson	22XF06	1.3	1.9	3.7	2.3
Peterson	22XF14	1.3	1.9	4.0	2.4
Peterson	23XF01	1.1	1.3	2.6	1.7
Peterson	23XF09	1.0	2.0	3.9	2.3
Peterson	24XF01	1.0	1.8	3.6	2.2
Peterson	24XF04	1.2	1.6	2.6	1.8
Peterson	24XF07	1.3	2.1	3.7	2.4
Peterson	25EN13	1.4	2.2	4.2	2.6
Peterson	25XF007	1.0	1.9	3.1	2.0
Peterson	25XF05	1.0	1.9	3.8	2.2
Peterson	25XF10	1.0	2.6	3.8	2.5
Peterson	25XF13	1.0	1.7	3.9	2.2
Peterson	X25EN05	1.1	1.1	3.1	1.8
Peterson	X25EN07	1.3	1.6	3.8	2.2
Peterson	X25EN09	1.1	1.7	3.5	2.1
Pioneer	P007Z45E	1.0	1.3	2.5	1.6
Pioneer	P009Z94E	1.2	2.7	3.6	2.5
Pioneer	P02Z34E	1.0	1.9	3.9	2.3
Pioneer	P04A98E	1.3	1.5	3.7	2.2
Pioneer	P04Z49E	1.4	2.3	4.0	2.6
Pioneer	P06Z90E	1.1	2.4	2.9	2.1
Pioneer	P08A44E	1.0	1.7	4.0	2.2
Pioneer	P09Z79E	1.0	1.4	4.3	2.2
Pioneer	P11Z72E	1.1	1.6	3.4	2.0
Mean		1.1	1.9	3.6	2.2
CV %		22.5	39	19.1	27
LSD 0.05		0.3	1	1	0.5

Table 3. 2024 NDSU Enlist, GT27, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Authors, C. Miranda, G. Kreutz, and B. Harms (Page 4 of 4).

		IDC score			
Company	Variety	Erie	Arthur	Garborg	Average
Pioneer	P13Z28E	1.0	1.7	4.2	2.3
Pioneer	P14Z67E	1.1	2.3	4.3	2.5
Proseed	EL50-063N	1.3	2.7	3.8	2.6
Proseed	EL50-13N	1.0	1.6	3.9	2.2
Proseed	EL50-33N	1.2	1.9	3.3	2.2
Proseed	EL50-73N	1.4	2.7	3.9	2.7
Proseed	EL51-03N	1.0	1.9	3.3	2.1
Proseed	EL51-33N	1.2	1.5	4.3	2.3
Proseed	XF50-52N	1.2	2.4	4.0	2.5
Proseed	XF50-62N	1.0	2.1	3.1	2.1
Proseed	XF50-82N	1.0	1.9	2.4	1.8
Proseed	XF51-02N	1.0	1.3	4.1	2.1
Proseed	XT80-20N	1.0	1.1	2.6	1.6
Stine	008EH23	1.2	2.5	3.2	2.3
Stine	009EG32	1.2	1.3	3.3	1.9
Stine	01EG23	1.1	1.4	3.8	2.1
Stine	01EH32	1.0	1.6	3.9	2.2
Stine	02EH62	1.3	1.3	3.9	2.2
Stine	03EB02	1.2	1.3	3.8	2.1
Stine	03EH02	1.0	1.7	4.3	2.3
Stine	05EG26	1.0	2.1	3.8	2.3
Stine	08EC32	1.3	1.9	4.1	2.4
Stine	08EG62	1.1	1.6	3.4	2.0
Stine	08EH62	1.1	2.5	4.3	2.6
Stine	09EH20	1.0	1.2	3.9	2.0
Stine	10EF23	1.3	2.8	4.0	2.7
Stine	10EG20	1.3	1.6	4.4	2.4
Stine	10EH02	1.0	2.0	4.0	2.3
Stine	10FF62	1.0	2.6	4.0	2.5
Stine	11EH06	1.3	2.2	4.1	2.5
Stine	12EE63	1.0	2.7	3.9	2.5
Stine	12EG32	1.0	2.9	3.4	2.4

Stine	12EH02	1.4	2.9	4.4	2.9
Stine	13EG23	1.1	3.1	3.3	2.5
Stine	13EH62	1.1	1.2	3.6	2.0
Mean		1.1	1.9	3.6	2.2
CV %		22.5	39	19.1	27
LSD 0.05		0.3	1	1	0.5

[1]IDC 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.