

2022 NDSU Enlist, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, C. Miranda (Page 1 of 3).

Company	Variety	Trial Mean IDC ¹	Company	Variety	Trial Mean IDC ¹
AgriGold	G0303E3	3.6	Dairyland	DSR-1290E	3.9
AgriGold	G0557E3	3.2	Dak-Sota	DE5212	3.7
AgriGold	G0620XF	3.8	Dak-Sota	DE5309	3.9
AgriGold	G0801E3	3.6	Dyna-Gro	S04XT91	3.3
AgriGold	G0854XF	3.8	Dyna-Gro	S05EN82	2.8
AgriGold	G1003E3	3.6	Dyna-Gro	S05XF73	3.3
AgriGold	G1202XF	3.9	Dyna-Gro	S07XF23	3.6
AgriGold	G1209E3	3.7	Dyna-Gro	S09EN53	3.8
Bayer	AG007XF3	3.8	Dyna-Gro	S09XF62	3.5
Bayer	AG009XF3	3.0	Dyna-Gro	S12EN72	3.6
Bayer	AG01XF3	3.8	Dyna-Gro	S12XF92	3.8
Bayer	AG06XF3	3.7	Golden H.	GH00973E3	3.7
Bayer	AG09XF3	3.5	Golden H.	GH0213E3	3.9
Bayer	AG13XF3	3.4	Golden H.	GH0363E3	3.6
Champion	0563XL	3.7	Golden H.	GH0443X	2.9
Champion	0692XL	4.3	Golden H.	GH0653XF	3.0
Champion	0743XL	3.8	Golden H.	GH0693E3	3.3
Channel	00922R2X	3.9	Golden H.	GH0803XF	3.5
Channel	0122RFX	3.5	Golden H.	GH0933E3	3.6
Channel	0218R2X	2.2	Golden H.	GH0936X	3.9
Channel	0320R2X	2.9	Golden H.	GH1323XF	3.7
Channel	0423RFX	2.8	Golden H.	GH1442XF	3.6
Channel	0622RFX	3.3	Golden H.	GH1472E3	3.7
Channel	0721RFX	3.0	Hefty	Z0610E	3.7
Channel	0823RFX	3.4	Hefty	Z0801E	4.1
Channel	1022RFX	3.4	Hefty	Z1001E	3.7
Channel	1123RFX	3.4	Hefty	Z1101E	3.5
Channel	1220RFX	3.6	Integra	70212	3.6
Channel	1422RFX	2.9	IMPACT	03E000N	3.6
Channel	1623RFX	3.7	IMPACT	05E256N	3.4
Dahlman	1102E3N	3.9	IMPACT	07E165N	4.0
Dahlman	AE0300	3.7	IMPACT	09E345N	3.6
Dahlman	AE1220	3.0	IMPACT	10E125N	4.0
Dahlman	7203XF	3.6	IMPACT	12E157N	3.3
Dahlman	7301XF	3.8	Integra	40300N	2.9
Dahlman	7304XF	3.1	Integra	70622N	3.4
Dahlman	7309XF	3.9	Legacy	L1050E	3.8
Dairyland	DSR-0220E	3.6	Legacy	LS-012-21 E	3.4
Dairyland	DSR-0645E	3.3	Legacy	LS-014-22 XF	3.5
Dairyland	DSR-0660E	3.7	Legacy	LS-0239N RR2X	2.6
Dairyland	DSR-0757E	3.9	Legacy	LS-0320 E3	3.9
Dairyland	DSR-0920E	3.4	Legacy	LS-032-22 E	3.9
Dairyland	DSR-1121E	2.4	Legacy	LS-044-21 XF	4.1
Mean		3.5	Mean		3.5
CV %		12.2	CV %		12.2
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.6	LSD 0.10		0.6

2022 NDSU Enlist, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, C. Miranda (Page 2 of 3).

Company	Variety	Trial Mean IDC ¹	Company	Variety	Trial Mean IDC ¹
Legacy	LS-062-21 E	3.3	Peterson	19EN008	3.1
Legacy	LS-064-22 XF	3.4	Peterson	19EN04	3.2
Legacy	LS-072-21 E	3.7	Peterson	19X03N	2.5
Legacy	LS-074-22 XF	3.7	Peterson	2003E	3.3
Legacy	LS-082-22E	3.4	Peterson	2013E	3.2
Legacy	LS-084-22XF	3.1	Peterson	2015E	4.1
Legacy	LS-092-22E	3.6	Peterson	20X05	3.4
Legacy	LS-094-20 XF	2.8	Peterson	20X09N	3.8
Legacy	LS-102-22 E	3.8	Peterson	2106E	3.1
Legacy	LS-105-22E	3.9	Peterson	2108E	3.6
Legacy	LS-122-21 E	3.5	Peterson	2109E	4.1
LG Seeds	LGS00663RX	3.2	Peterson	21XF07	3.4
LG Seeds	LGS00838XF	3.9	Peterson	2201E	3.6
LG Seeds	LGS0111RX	3.8	Peterson	2207E	3.8
LG Seeds	LGS0338E3	3.5	Peterson	2212E	3.3
LG Seeds	LGS0355RX	3.2	Peterson	2214E	3.7
LG Seeds	LGS0400RX	3.1	Peterson	2216E	4.0
LG Seeds	LGS0550E3	3.3	Peterson	2218E	4.4
LG Seeds	LGS0595RX	3.1	Peterson	2220E	4.1
LG Seeds	LGS0660XF	3.8	Peterson	2222E	3.9
LG Seeds	LGS0701XF	4.1	Peterson	22XF009	3.8
LG Seeds	LGS0822E3	3.3	Peterson	22XF03	3.8
LG Seeds	LGS0988XF	3.8	Peterson	22XF06	3.9
LG Seeds	LGS1203E3	3.7	Peterson	22XF10	3.6
LG Seeds	LGS1232XF	3.8	Peterson	22XF12	3.6
LG Seeds	LGS1385XF	3.2	Peterson	22XF14	2.9
Mustang	008X828	3.4	Peterson	22XF18	4.1
Mustang	03X329EX	2.9	Peterson	22XF21	3.8
Mustang	XF01433	3.9	Peterson	23009E	4.2
Mustang	XF03312	3.9	Peterson	2302E	3.6
Mustang	XF05533	3.4	Peterson	2304E	3.1
Mustang	XF07722	3.4	Peterson	2309E	3.8
Mustang	XF09523	3.2	Peterson	2310E	3.8
Mustang	XF10522	3.6	Peterson	2311E	3.7
NDSU	ND21008GT20	3.3	Peterson	2318E	4.1
NDSU	ND2108GT73	3.6	Peterson	2321E	3.9
NDSU	ND17009GT	4.2	Peterson	23XF009	3.2
Paloma / Farmer's BN	PL2E061	2.9	Peterson	23XF01	3.8
Paloma / Farmer's BN	PL2E101	2.9	Peterson	23XF09	3.9
Paloma / Farmer's BN	PL2E141	4.1	Peterson	23XF10	3.1
Peterson	17X04N	3.0	Peterson	23XF13	3.6
Peterson	18X07N	3.3	Pioneer	P005A59E	3.1
Peterson	1911E	3.9	Pioneer	P04A98E	3.3
Mean		3.5	Mean		3.5
CV %		12.2	CV %		12.2
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.6	LSD 0.10		0.6

2022 NDSU Enlist, RR and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, C. Miranda (Page 3 of 3).

Company	Variety	Trial Mean IDC ¹	Company	Variety	Trial Mean IDC ¹
Pioneer	P06A38E	2.8	Stine	16EC32	3.4
Pioneer	P06A85E	2.6	Sunrise	SR 00630XF	3.3
Proseed	EL30-33	3.1	Syng NK	NK02-T4E3	3.1
Proseed	EL30-53	3.4	Syng NK	NK03-V5E3	3.4
Proseed	EL30-93N	3.9	Syng NK	NK05-W3XF	3.4
Proseed	EL31-13N	3.6	Syng NK	NK06-D9E3	3.2
Proseed	EL31-43N	3.5	Syng NK	NK06-P2XF	3.1
Proseed	EL80-33	3.6	Syng NK	NK08-M1XF	3.5
Proseed	EL90-93N	3.6	Syng NK	NK09-B5XF	3.6
Proseed	XF30-42N	3.1	Syng NK	NK09-H7E3	3.8
Proseed	XF30-52N	3.0	Syng NK	NK10-W8XF	3.7
Proseed	XF30-62N	3.8	Syng NK	NK13-Y4XF	3.1
Proseed	XF30-72N	3.4	Syng NK	SO4-Q7X	3.4
Proseed	XF30-82N	3.4	Thunder	SB8104N	3.2
Proseed	XF30-92N	3.8	Thunder	SB8903N	2.9
Proseed	XF31-12	3.3	Thunder	TE7207	3.0
Proseed	XF31-32N	3.1	Thunder	TE7304N	3.6
Proseed	XT90-50	3.3	Thunder	TE7309N	3.4
REA	R0112XF	3.6	Thunder	TX8211N	3.1
REA	R0442XF	3.1	Thunder	TX8304N	2.7
REA	R0632XF	3.4	Thunder	TX8305N	3.1
REA	R0843XF	3.2	Thunder	TX8307N	3.8
REA	R1042XF	3.6	Thunder	TX8309N	3.5
REA	R1133XF	3.3	Thunder	TX8312N	3.2
REA	RX0721	3.0	Xitavo	XO 0101E	2.9
Stine	01EA63	3.6	Xitavo	XO 0213E	3.1
Stine	03EB02	3.4	Xitavo	XO 0311E	3.1
Stine	04EE06	3.2	Xitavo	XO 0573E	2.9
Stine	05EA23	3.6	Xitavo	XO 0602E	3.9
Stine	05EB23	3.4	Xitavo	XO 0731E	3.7
Stine	06EC23	3.4	Xitavo	XO 0993E	3.9
Stine	07EA36	3.8	Xitavo	XO 1133E	3.9
Stine	08EC32	3.0	Xitavo	XO 1212E	3.4
Stine	11EC02	3.3	Xitavo	XO 1372E	3.6
Mean		3.5	Mean		3.5
CV %		12.2	CV %		12.2
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.6	LSD 0.10		0.6

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

See diagram of IDC scores on page 4.

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

