

**2021 NDSU Enlist, GT27, Roundup Ready and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, C. Miranda (Page 1 of 3).**

Company	Variety	Trial Mean IDC <sup>1</sup>	Company	Variety	Trial Mean IDC <sup>1</sup>
Agrigold	G0801E3	2.5	Dyna-Gro	S12XF92	3.0
Agrigold	G1490XF	3.1	Dyna-Gro	SX21906XF	2.6
Asgrow	AG 0333	3.0	Dyna-Gro	SX21911XF	3.3
Asgrow	AG 0835	2.2	Golden Harvest	GH00629X	3.0
Asgrow	AG 09X9	2.8	Golden Harvest	GH00833E3	1.8
Asgrow	AG 1135	2.6	Golden Harvest	GH00982XF	3.1
Asgrow	AG0832	3.1	Golden Harvest	GH0145X	2.9
Champion	03X30N	1.8	Golden Harvest	GH0272XF	2.6
Champion	052X	2.6	Golden Harvest	GH0325E3	1.9
Champion	0631XL	2.8	Golden Harvest	GH0443X	1.5
Champion	0692XL	3.7	Golden Harvest	GH0452E3	1.6
Channel	00922R2X	3.2	Golden Harvest	GH0502XF	3.2
Channel	0122RFX	3.1	Golden Harvest	GH0543X	2.8
Channel	0320R2X	1.4	Golden Harvest	GH0593E3	2.5
Channel	0622RFX	3.2	Golden Harvest	GH0715E3	2.7
Channel	0721RFX	2.8	Golden Harvest	GH0749X	3.0
Channel	1022RFX	2.8	Golden Harvest	GH0822XF	3.3
Channel	1220RFX	2.6	Golden Harvest	GH0842E3	3.2
Channel	1421RFX	2.4	Golden Harvest	GH0936X	2.8
Channel	1422RFX	2.1	Golden Harvest	GH1012E3	2.8
Dahlman	1102E3N	3.4	Golden Harvest	GH1032XF	2.6
Dahlman	1111E3N	3.0	Golden Harvest	GH1362E3	2.9
Dahlman	1201E3N	2.7	Golden Harvest	GH1414X	2.7
Dahlman	1213E3N	3.0	Golden Harvest	GH1442XF	3.1
Dahlman	6010XN	2.8	Golden Harvest	GH1472E3	3.1
Dahlman	7203XF	2.3	Hefty	Z0601E	3.1
Dairyland	DSR-0119E	2.3	Hefty	Z0801E	3.8
Dairyland	DSR-0645E	2.2	Hefty	Z1001E	3.1
Dairyland	DSR-0660E	3.2	Hefty	Z1101E	2.6
Dairyland	DSR-0847E	3.3	IMPACT	002E265	2.2
Dairyland	DSR-0920E	2.9	IMPACT	03E000N	2.6
Dairyland	DSR-1010E	3.2	IMPACT	08E127N	3.7
Dairyland	DSR-1290E	3.1	IMPACT	08LGT065N	3.0
Dyna-Gro	S009XF52	3.0	IMPACT	12E157N	2.6
Dyna-Gro	S009XT68	2.8	IMPACT	13E245N	2.7
Dyna-Gro	S03XT29	1.2	Innvictis	A00918X	2.6
Dyna-Gro	S04XF32	2.2	Innvictis	A00979X	3.2
Dyna-Gro	S04XT91	2.6	Innvictis	A0338X	1.5
Dyna-Gro	S05EN82	2.2	Innvictis	B0330E	3.0
Dyna-Gro	S07EN61	2.6	Integra	40089N	2.0
Dyna-Gro	S09EN41	3.1	Integra	40201N	3.3
Dyna-Gro	S09XF62	3.0	Integra	40300N	2.3
Dyna-Gro	S12EN72	2.6	Integra	40602N	3.1
Trial Mean		2.6	Trial Mean		2.6
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.57	LSD 0.10		0.57
CV		19.1	CV		19.1

**2021 NDSU Enlist, GT27, Roundup Ready and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, C. Miranda (Page 2 of 3).**

Company	Variety	Trial Mean IDC <sup>1</sup>	Company	Variety	Trial Mean IDC <sup>1</sup>
Integra	40831N	2.6	NDSU	21ND08GT73	2.8
Integra	50081N	2.6	NDSU	Rolette	1.4
Integra	50309N	1.4	P3 Genetics	1911E	3.0
Integra	70082N XF	3.5	P3 Genetics	2002E	2.5
Integra	70212XF	2.5	P3 Genetics	2013E	2.5
Integra	70622N	2.4	P3 Genetics	2015E	2.8
Integra	70832N	2.9	P3 Genetics	2106E	2.5
Legacy	LS-00639 R2X	2.2	P3 Genetics	2108E	2.6
Legacy	LS-00930 R2X	2.6	P3 Genetics	2109E	3.5
Legacy	LS-012-20E	2.5	P3 Genetics	2110E	3.3
Legacy	LS-012-21E	2.3	P3 Genetics	2201E	2.5
Legacy	LS-0239 RR2X	1.1	P3 Genetics	2207E	3.3
Legacy	LS-0320N E	2.7	P3 Genetics	2212E	3.0
Legacy	LS-042-21E	2.1	P3 Genetics	2214E	2.9
Legacy	LS-0429E	1.8	Peterson	19EN008	2.5
Legacy	LS-044-21XF	1.6	Peterson	20X05	2.6
Legacy	LS-062-21E	2.4	Peterson	21XF07	2.7
Legacy	LS-072-21E	3.4	Peterson	22XF009	2.8
Legacy	LS-082-20E	3.7	Peterson	22XF03	3.0
Legacy	LS-0829E	3.6	Peterson	22XF06	2.7
Legacy	LS-094-20XF	2.4	Peterson	22XF10	2.6
Legacy	LS-102-20E	3.2	Peterson	22XF12	2.8
Legacy	LS-122-21E	2.7	Peterson	22XF14	2.8
Legacy	LS-1320NE	2.6	Proseed	EL20-73N	2.6
Legend	009E955N	1.4	Proseed	EL21-03N	2.8
Legend Mustang	00X828	1.9	Proseed	EL21-23N	2.9
Legend Mustang	04X427	2.1	Proseed	EL80-093N	2.5
Legend Mustang	08X028	2.8	Proseed	EL80-23	2.0
Legend Mustang	XF07722	3.0	Proseed	EL90-33N	2.8
Legend Mustang	XF10522	3.1	Proseed	XF10-32	2.9
LG Seeds	LGS00838XF	3.2	Proseed	XF10-72	2.6
LG Seeds	LGS0111RX	2.7	Proseed	XT20-07	3.1
LG Seeds	LGS0595RX	2.5	Proseed	XT20-40	2.3
LG Seeds	LGS0701XF	2.8	Proseed	XT60-40N	3.0
LG Seeds	LGS0822E3	2.4	Proseed	XT70-09N	2.5
LG Seeds	LGS1203E3	2.8	Proseed	XT80-20N	1.1
LG Seeds	LGS400RX	2.3	Proseed	XT90-50	2.7
NDSU	ND16-7108	2.7	REA	R0112XF	2.4
NDSU	ND17-19726	1.9	REA	R0632XF	2.5
NDSU	ND17-26003	3.0	REA	R1042XF	2.7
NDSU	ND17009GT	3.8	REA	R1350XF	2.6
NDSU	ND18008GT	2.7	REA	RX00912	3.1
NDSU	21ND008GT20	1.2	REA	RX0411	2.6
Trial Mean		2.6	Trial Mean		2.6
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.57	LSD 0.10		0.57
CV		19.1	CV		19.1

Company	Variety	Trial Mean IDC <sup>1</sup>	Company	Variety	Trial Mean IDC <sup>1</sup>
Stine	06EC23	2.0	Syng NK	S05-N5X	2.8
Stine	07EA36	3.2	Thunder	SB8001	2.7
Syng NK	NK009-T1XF	2.8	Thunder	SB81006	2.7
Syng NK	NK02-M4XF	3.1	Thunder	SB8104N	2.2
Syng NK	NK04-G8E3	1.3	Thunder	SB88007N	2.2
Syng NK	NK05-W3XF	2.7	Thunder	SB8903N	1.1
Syng NK	NK08-B7XF	3.0	Thunder	TE7011N	2.9
Syng NK	NK10-W8XF	2.7	Thunder	TE71008N	1.9
Syng NK	NK14-C7XF	2.9	Thunder	TE7207	2.1
Syng NK	S006-R7X	3.0	Thunder	TX8109N	2.6
Syng NK	S008-E3	1.5	Thunder	TX82008N	3.7
Syng NK	S02-E3	2.6	Thunder	TX8206N	3.2
Syng NK	S02-F9X	3.2	Thunder	TX8207N	2.7
Syng NK	S04-Q7X	1.3	Thunder	TX8211N	3.2
Trial Mean		2.6	Trial Mean		2.6
LSD 0.05		0.7	LSD 0.05		0.7
LSD 0.10		0.57	LSD 0.10		0.57
CV		19.1	CV		19.1

<sup>1</sup>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.