

**2020 NDSU Enlist, LLGT27, Roundup Ready and Xtend Soybean Iron-deficiency Chlorosis Trial - Author, T. Helms (Page 1 of 3).**

Company	Variety	2-site		Company	Variety	2-site	
		Mean	IDC <sup>1</sup>			Mean	IDC <sup>1</sup>
BASF	CZ0419	2.6		Dyna-Gro	SX203007X	2.7	
BASF	CZ0590	2.5		Golden Harvest	GH00629X	2.2	
BASF	CZ0729	2.4		Golden Harvest	GH00833E3	2.2	
BASF	CZ1139	2.3		Golden Harvest	GH0145X	2.3	
BASF	CZ1280	3.1		Golden Harvest	GH0294E3	2.5	
BASF	CZ1331	2.2		Golden Harvest	GH0325E3	2.3	
Biogene	BG8000	2.5		Golden Harvest	GH0443X	1.9	
Biogene	BG8007	2.1		Golden Harvest	GH0543X	2.7	
Biogene	BG8008	2.4		Golden Harvest	GH0715E3	2.4	
Dahlman	1004E3N	2.2		Golden Harvest	GH0749X	2.6	
Dahlman	1102E3N	2.9		Golden Harvest	GH0936X	2.6	
Dahlman	1108E3N	2.6		Golden Harvest	GH1184E3	2.4	
Dahlman	1111E3N	2.4		Golden Harvest	GH1225X	2.5	
Dahlman	6004XN	2.2		Golden Harvest	GH1362E3	2.4	
Dahlman	6010XN	2.4		Hefty	H006X0	2.2	
Dahlman	68008XN	2.2		Hefty	H01X0	2.7	
Dahlman	6903XN	1.9		Hefty	H02X9	2.2	
Dairyland	DSR-0119E	2.6		Hefty	H04X8	2.9	
Dairyland	DSR-0577E	2.1		Integra	20097	2.8	
Dairyland	DSR-0645E	2.3		Integra	20215	2.5	
Dairyland	DSR-07147E	2.1		Integra	40089N	2.1	
Dairyland	DSR-0717E	2.7		Integra	40129N	2.1	
Dairyland	DSR-0847E	2.5		Integra	40201N	2.9	
Dairyland	DSR-0920E	2.1		Integra	40300N	2.3	
Dairyland	DSR-1032E	2.4		Integra	40511	2.0	
Dairyland	E8-210E	2.2		Integra	40831N	2.4	
Dairyland	E9-201E	1.6		Integra	40999N	2.2	
Dyna-Gro	S005XT38	2.3		Integra	41041N	2.7	
Dyna-Gro	S007XT27	2.4		Integra	50060N	2.1	
Dyna-Gro	S009XT49	2.7		Integra	50081N	2.6	
Dyna-Gro	S009XT68	2.2		Integra	500871N	2.5	
Dyna-Gro	S02EN71	3.0		Integra	50309N	1.8	
Dyna-Gro	S03XT29	1.9		Integra	50510	2.4	
Dyna-Gro	S04EN21	2.3		Integra	50990N	2.2	
Dyna-Gro	S04XT77	2.3		Integra	51229N	2.1	
Dyna-Gro	S04XT91	2.4		Integra	40999N	1.9	
Dyna-Gro	S07EN61	2.4		Legacy	LS-0638N	2.9	
Dyna-Gro	S07XT28	2.5		Legacy	LS-0738N	2.5	
Dyna-Gro	S09EN41	2.5		Legacy	LS00639N RR2X	2.4	
Dyna-Gro	S09XT50	2.1		Legacy	LS00930 RR2X	2.5	
Dyna-Gro	S10XT71	2.6		Legacy	LS012-20	2.6	
Dyna-Gro	S11EN40	2.6		Legacy	LS0239N RR2X	2.0	
Dyna-Gro	S13XT89	2.3		Legacy	LS0319 LLGT27	2.5	
Trial Mean		2.4		Trial Mean		2.4	
LSD 0.05		0.2		LSD 0.05		0.2	
LSD 0.10		0.2		LSD 0.10		0.2	
CV		14.7		CV		14.7	

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Company	Variety	2-site Mean IDC <sup>1</sup>	Company	Variety	2-site Mean IDC <sup>1</sup>
Legacy	LS0320N E3	2.4	NK Seed	S09-D4X	2.4
Legacy	LS0429 E3	1.9	NK Seed	S12-T2X	2.7
Legacy	LS0438	2.7	NK Seed	S12-U9X	2.6
Legacy	LS061-20	2.3	P3 Genetics	P3 1911E	2.5
Legacy	LS082-20	3.0	P3 Genetics	P3 2002E	2.5
Legacy	LS0830N	2.3	P3 Genetics	P3 2003E	2.6
Legacy	LS0930N	2.4	P3 Genetics	P3 2005E	2.5
Legacy	LS102-20	2.6	P3 Genetics	P3 2013E	2.3
Legacy	LS111-20	2.6	P3 Genetics	P3 2106B	2.5
Legend	005E953N	2.3	P3 Genetics	P3 2106E	2.1
Legend	009E955N	1.8	P3 Genetics	P3 2107B	2.1
Legend	009X852N	2.6	P3 Genetics	P3 2108E	2.6
Legend	03X852N	1.8	P3 Genetics	P3 2109E	3.0
Legend	05E065N	2.3	P3 Genetics	P3 2110E	2.8
Legend	0638N RR2X	2.3	Peterson Farms Seed	18X008N	2.7
Legend	08E127N	2.8	Peterson Farms Seed	19EN008	2.1
Legend	09X960N	2.5	Peterson Farms Seed	19EN04	2.0
Legend	10E125N	2.7	Peterson Farms Seed	19X03N	2.1
Legend	12E053N	2.3	Peterson Farms Seed	20X05	2.2
Legend	131GT132N	2.2	Peterson Farms Seed	20X09	2.3
LG Seed	LGS00663RX	2.3	Peterson Farms Seed	2110E	2.6
LG Seed	LGS00899RX	2.7	Peterson Farms Seed	21X007	3.0
LG Seed	LGS0111RX	2.3	Peterson Farms Seed	21X04	2.3
LG Seed	LGS0333E3	2.2	Pioneer	P00A49X	2.2
LG Seed	LGS0355RX	2.1	Pioneer	P00A75X	2.4
LG Seed	LGS0400RX	2.5	Pioneer	P03A17X	1.9
LG Seed	LGS0595RX	2.1	Pioneer	P03A26X	2.0
LG Seed	LGS0735RX	2.8	Pioneer	P10A84X	1.7
LG Seed	LGS1221RX	2.5	Proseed	50-10RR2Y	2.7
LG Seed	LGS1337RX	2.7	Proseed	EL21-03	2.5
Mission	00979X	2.6	Proseed	EL21-23	2.6
Mission	A00918X	2.3	Proseed	EL80-093	2.1
NDSU	ND17009GT	3.1	Proseed	EL90-53	2.5
NDSU	ND18008GT	2.8	Proseed	EL91-33	2.3
NK Seed	S006-R7X	2.8	Proseed	XT20-07	2.4
NK Seed	S008-E3	2.0	Proseed	XT20-40	2.3
NK Seed	S01-C4X	2.3	Proseed	XT20-70	2.9
NK Seed	S02-F9X	3.1	Proseed	XT60-09	2.0
NK Seed	S03-E3	2.3	Proseed	XT60-40	2.2
NK Seed	S03-S6X	2.6	Proseed	XT70-09	2.6
NK Seed	S04-Q7X	2.0	Proseed	XT70-60	2.2
NK Seed	S05-N5X	2.8	Proseed	XT79-09N	3.0
NK Seed	S07-Q4X	2.8	Proseed	XT80-20	2.0
Trial Mean		2.4	Trial Mean		2.4
LSD 0.05		0.2	LSD 0.05		0.2
LSD 0.10		0.2	LSD 0.10		0.2
CV		14.7	CV		14.7

Company	Variety	2-site			
		Mean IDC <sup>1</sup>	Mean IDC <sup>1</sup>		
Proseed	XT80-60N	2.5	Thunder	39005R2Y	2.0
Proseed	XT90-50	2.2	Thunder	SB8001	2.5
REA Hybrids	RX00749	2.4	Thunder	SB8009N	2.2
REA Hybrids	RX00810	2.3	Thunder	SB8010N	2.6
REA Hybrids	RX0411	2.3	Thunder	SB81006	2.7
REA Hybrids	RX0520	2.3	Thunder	SB8104N	2.4
REA Hybrids	RX0721	1.9	Thunder	SB87009	2.2
REA Hybrids	RX0929	2.4	Thunder	SB88007N	2.8
REA Hybrids	RX1030	2.6	Thunder	SB8805N	2.7
REA Hybrids	RX1529	2.5	Thunder	SB8807N	2.6
Stine	003EB62	2.3	Thunder	SB8903N	2.0
Stine	01EA63	2.6	Thunder	SN8906N	2.4
Stine	05EA23	2.5	Thunder	TE7003N	2.3
Stine	06EC20	2.5	Thunder	TE71008N	2.1
Stine	07EA36	2.9	Thunder	TE7101N	3.1
Stine	08EC22	3.1	Thunder	TE7107N	2.4
Stine	09EA02	2.1	Thunder	TE7110N	2.7
Trial Mean		2.4	Trial Mean		2.4
LSD 0.05		0.2	LSD 0.05		0.2
LSD 0.10		0.2	LSD 0.10		0.2
CV		14.7	CV		14.7

<sup>1</sup>IDC score was 1-5, with 1-green, 3-yellow, 5-dead tissue.

