

2013 NDSU Soybean Iron-deficiency Chlorosis to Yield Roundup Ready Variety Test

<u>Company</u>	<u>Variety</u>	<u>Maturity</u> date	Iron Deficiency Chlorosis				3-site
			<u>Visual</u> Rating* score	<u>Hunter</u> Yield bu/A	<u>Leonard</u> Yield bu/A	<u>Colfax</u> Yield bu/A	2013 average Yield bu/A
DynaGro	35Y01	19-Sep	1.4	39.0	28.9	52.2	40.0
Asgrow	AG 00932	20-Sep	1.6	30.2	25.4	41.6	32.4
Legend	LS06R21	21-Sep	2.0	24.5	18.0	40.1	27.5
Syngenta	NK S02-B4	21-Sep	1.7	33.3	23.7	42.8	33.3
Legend	LS02R21	21-Sep	1.6	32.9	25.3	42.9	33.7
Thunder	31009R2Y	22-Sep	2.0	33.5	22.7	39.9	32.0
Wensman	W3030R2	23-Sep	1.5	33.1	27.6	40.3	33.7
Wensman	W30099R2	23-Sep	1.8	35.6	23.7	47.0	35.4
Mycogen	5B080R2	25-Sep	1.7	34.8	26.5	39.1	33.5
Asgrow	AG 0432	27-Sep	2.1	30.4	22.4	41.9	31.6
G2	G2 7063	27-Sep	2.1	32.0	23.2	47.7	34.3
Syngenta	NK S06-H5	27-Sep	2.2	31.5	24.3	50.8	35.5
Prairie Brand	PB-0551R2	28-Sep	1.7	41.9	28.7	48.4	39.7
Thunder	3205R2Y	28-Sep	1.7	35.6	31.4	50.4	39.1
Integra	20600	28-Sep	1.8	42.9	31.6	49.0	41.2
Prairie Brand	PB-0441R2	28-Sep	1.8	43.3	26.9	54.2	41.5
Kruger	K2-0302	28-Sep	2.2	40.2	21.7	48.2	36.7
Mycogen	5B040R2	29-Sep	2.1	37.3	26.1	47.3	36.9
Northstar Genetics	NS 0537R2	30-Sep	1.9	41.8	26.0	48.2	38.6
Legend	LS06R24N	30-Sep	2.0	40.1	28.7	52.9	40.6
Wensman	W3032R2	30-Sep	2.0	37.7	23.7	54.8	38.7
Kruger	K2-0504	1-Oct	1.6	33.4	28.2	42.8	34.8
Nuseed	2071RR2YN	2-Oct	2.2	36.8	19.6	58.8	38.4
Syngenta	NK S08-G1	3-Oct	2.5	34.8	18.8	51.5	35.0
Integra	20810	3-Oct	2.1	29.8	18.5	44.3	30.9
Channel	0605R2	3-Oct	2.4	31.6	21.7	44.4	32.6
Thunder	3303R2Y	3-Oct	2.4	24.6	19.3	47.7	30.5
Dahlman	5108RR2Y	4-Oct	2.3	35.2	20.8	45.4	33.8
Nuseed	2093RR2YN	4-Oct	2.5	31.2	23.4	53.2	35.9
Asgrow	AG 0833	5-Oct	2.1	30.7	25.5	47.0	34.4
Prairie Brand	PB-0991R2	5-Oct	1.8	36.8	28.1	54.3	39.7
Northstar Genetics	NS 1079R2	5-Oct	2.3	30.7	25.5	49.6	35.3
Kruger	K2-0901	6-Oct	2.4	40.1	19.4	54.4	37.9
Mycogen	5B112R2	7-Oct	1.9	34.3	22.9	57.6	38.3
Northstar Genetics	NS 0839NR2	7-Oct	2.8	25.7	13.3	46.3	28.4
Peterson Farm Seed	PFS 14R10	7-Oct	2.8	22.0	15.8	42.7	26.8
Average		29-Sep	2.0	34.1	23.8	47.8	35.2
LSD (0.05)		2	0.3	8.0	6.8	9.7	4.8
CV		5	18.6	16.7	20.6	14.7	16.8

*Iron-deficiency chlorosis rating: 1-green, 3- yellow, 5- dead.