

2010 NDSU Iron-deficiency Chlorosis Roundup Ready Soybean Yield Trial

<u>Company</u>	<u>Entry</u>	<u>Maturity*</u> date	Iron-deficiency <u>chlorosis**</u> score	2010	2010	Average	Average
				Harwood <u>Yield</u> bu/A	Amenia <u>Yield</u> bu/A	2010 <u>Yield</u> bu/A	2009-10 <u>Yield</u> bu/A
Seeds 2000	0081RR	17-Sep	1.3	20.3	34.5	27.4	
Seeds 2000	0091RR2Y	17-Sep	1.1	21.3	38.9	30.1	
Seeds 2000	2091RR2YN	2-Oct	1.6	22.8	32.1	27.4	
Asgrow Seed	AG 00931	18-Sep	1.4	20.1	41.5	30.8	
Asgrow Seed	AG 0131	15-Sep	1.3	23.2	37.9	30.5	
Asgrow Seed	AG 0231	19-Sep	1.3	22.3	44.0	33.2	
Asgrow Seed	AG 0331	22-Sep	1.3	20.7	41.3	31.0	
Asgrow Seed	AG 0430	24-Sep	1.3	20.8	38.3	29.5	
Asgrow Seed	AG 0730	30-Sep	1.5	29.1	35.6	32.3	
Asgrow Seed	AG 0808	25-Sep	1.2	24.1	43.7	33.9	25.3
Asgrow Seed	AG 1031	28-Sep	1.1	23.2	42.7	32.9	
Mycogen Seed	5A004	17-Sep	1.4	14.7	37.6	26.2	
Mycogen Seed	5B010	26-Sep	1.8	19.7	34.1	26.9	
Mycogen Seed	5B064	30-Sep	1.5	26.3	45.1	35.7	
Mycogen Seed	5N110	1-Oct	1.2	20.5	32.1	26.3	
NK Brand	NKS01-C9	17-Sep	1.1	22.5	33.0	27.7	
NK Brand	NKS02-K3	24-Sep	1.8	24.3	24.3	24.3	16.2
NK Brand	NKS06-W2	27-Sep	1.6	21.6	33.1	27.3	19.5
NK Brand	NKS08-A2	26-Sep	1.4	23.0	36.8	29.9	21.7
NK Brand	NKS09-N6	29-Sep	1.8	22.2	21.3	21.8	
Pioneer Hi-Bred	90M60	24-Sep	1.3	26.6	40.0	33.3	24.4
Pioneer Hi-Bred	90Y30	23-Sep	1.5	19.0	37.7	28.3	
Pioneer Hi-Bred	90Y42	23-Sep	1.5	20.6	37.8	29.2	
Pioneer Hi-Bred	90Y70	27-Sep	1.3	26.9	39.8	33.3	
Pioneer Hi-Bred	91Y22	30-Sep	1.3	26.6	34.7	30.6	
Pioneer Hi-Bred	91Y40	1-Oct	1.5	28.8	40.7	34.7	
Prairie Brand Seed	PB-0356RR	22-Sep	1.1	24.7	45.1	34.9	28.0
Prairie Brand Seed	PB-0650R2	25-Sep	1.4	23.6	42.9	33.3	
Prairie Brand Seed	PB-0721R2	26-Sep	1.4	24.0	43.4	33.7	
Prairie Brand Seed	PB-0879NRR2	2-Oct	1.3	25.1	44.1	34.6	
Peterson Farm Seed	0806RR	26-Sep	1.5	18.9	36.7	27.8	
Peterson Farm Seed	1008RR	26-Sep	1.3	32.2	42.7	37.4	25.9
Peterson Farm Seed	905RR	24-Sep	1.2	29.6	41.8	35.7	26.6
Peterson Farm Seed	EX2010.03R2Y	23-Sep	1.0	29.0	46.3	37.7	
Peterson Farm Seed	EX2010.11RR2Y	4-Oct	1.6	26.8	29.9	28.4	
Wensman Seed	W20074RR	18-Sep	1.4	23.5	31.7	27.6	
Wensman Seed	W30091R2	17-Sep	1.3	22.8	35.1	29.0	
Wensman Seed	W3054R2	27-Sep	1.2	21.8	44.3	33.0	
Wensman Seed	W3131R2	3-Oct	1.2	28.5	42.0	35.2	
Mean		25-Sep	1.4	23.6	38.1	30.8	
LSD(0.05)				10.4	9.2	9.9	
CV				27.0	14.9	19.6	

*Maturity: date of 95% brown or tan pods.

**Iron-deficiency chlorosis score: 1-green, 5-dead plants.