

Performance and characteristics of soybean cyst nematode infested (Lamberton, Madelia and Waseca) and non-infested (Jackson, Lamberton, and Waseca) sites, 2001-2003

Variety	Brand or Originator	Maturity date	Yield Percent of Mean						Percent of Mean		Maturity Rating	Phytophthora gene	Chlorosis score	SCN rating
			infested sites			non-infested sites			Protein	Oil				
			01-03	02-03	2003	01-03	02-03	2003						
MN1006CN	Minn. AES	9-19	-	-	87	-	-	98	100	98	1.0	Rps1	2.2	R
PB-1392NRR	PBR	9-20	-	-	97	-	-	94	101	101	1.3	S	2.0	MS
1490N	Garst/AgriPro	9-21	-	-	102	-	-	104	99	98	1.4	S	1.8	MR
Parker	Minn. AES	9-23	90	84	90	96	100	96	99	101	1.5	Rps1	2.0	S
Freeborn	Minn. AES	9-24	-	-	107	-	-	93	109	95	1.6	Rps1	2.3	R
161RR/SCN	KSC/Challenger	9-24	-	-	98	-	-	106	102	92	1.6	S	2.3	S
91M90	Pioneer	9-24	-	-	96	-	-	95	101	103	1.9	Rps1k	2.3	R
131CNR	Anderson	9-24	-	-	83	-	-	96	93	102	1.3	Rps1k	1.7	S
IA1008	Iowa AES	9-25	-	-	110	-	-	100	103	91	2.0	S	2.3	MR
2220+SCN	Kruger	9-25	-	-	107	-	-	101	101	100	2.0	Rps1	2.5	MR
2181CN	Viking	9-25	-	105	106	-	100	97	101	95	2.1	Rps1	2.7	MR
S1562-4	Stine	9-25	-	-	98	-	-	95	95	105	1.5	S	2.7	MR
T-7211CR	Thompson	9-25	-	104	96	-	89	88	100	100	2.1	S	2.5	MR
221RR/SCN	Kruger	9-25	-	-	95	-	-	100	100	95	2.0	S	2.3	MR
T-3183CN	Thompson	9-26	-	113	111	-	100	107	102	100	1.8	S	2.5	MR
195+RR/SCN	Kruger	9-26	-	-	105	-	-	107	99	103	1.8	Rps1k	2.0	MR
PB-232N	PBR	9-26	-	-	104	-	-	99	101	100	1.9	Rps1k	2.5	MR
PB-210N	Prairie Brand	9-26	116	111	104	98	97	99	99	97	2.1	Rps1	2.3	MS
PB-2092NRR	Prairie Brand	9-26	-	106	99	-	100	101	104	96	2.0	S	2.8	R
PB-1483NRR	PBR	9-26	-	-	97	-	-	105	97	100	1.4	S	1.8	R
4421NRR	Gold Country	9-26	-	-	94	-	-	93	101	101	2.0	S	2.3	MR
DG35N16	Dyna-Gro	9-26	-	-	89	-	-	90	93	104	1.6	S	2.2	MS
AG2107	Asgrow	9-27	-	-	118	-	-	104	99	105	2.1	Rps1k	3.0	R
GR2031	Midwest	9-27	-	-	113	-	-	103	98	101	2.0	Rps1k	2.0	MS
DG33X19	Dyna-Gro	9-27	-	-	111	-	-	96	98	104	1.9	Rps1k	1.8	MR
PB-2183NRR	Prairie Brand	9-27	-	-	111	-	-	103	96	103	2.1	Rps1k	1.8	R
202RR/SCN	KSC/Challenger	9-27	-	-	110	-	-	111	106	99	2.0	Rps1c	3.2	MR
92M30	Pioneer	9-27	-	-	107	-	-	109	102	99	2.3	S	2.0	R
SOI2151NRR	Sands	9-27	-	-	105	-	-	110	96	102	2.1	Rps1k	1.8	MR
SOI2221NRR	Sands	9-27	-	-	105	-	-	99	102	100	2.2	Rps1c	2.8	MR
191CNR	Anderson	9-27	-	-	102	-	-	99	94	106	1.9	Rps1k	2.0	MS
1908CNRR	Viking	9-27	-	-	101	-	-	108	97	105	1.9	Rps1k	2.7	MR
7204N	Farm Advantage	9-27	-	-	100	-	-	101	95	106	2.0	Rps1k	2.0	MR
2202RR/SCN	High Cycle	9-27	-	-	99	-	-	106	97	101	2.0	Rps1k	2.7	MR
DKB20-52	Dekalb	9-27	-	-	93	-	-	103	95	104	2.0	Rps1k	2.8	MR
S1962-4	Stine	9-27	-	98	91	-	95	96	103	98	1.8	Rps1c	3.2	MR
M-194NRR	Mustang	9-28	-	-	119	-	-	110	99	105	1.9	Rps1k	2.2	MR
SOI2042NRR	Sands	9-28	-	-	100	-	-	102	104	98	2.0	Rps1c	2.5	MS
388RRN	Latham	9-28	-	-	98	-	-	95	104	98	1.9	Rps1c	2.5	MR
L2038R Brand	Latham	9-28	-	-	95	-	-	95	100	99	2.0	Rps1k	1.8	MS
PB-1992NRR	Prairie Brand	9-28	-	98	92	-	102	108	101	101	1.9	Rps1c	2.5	MR
SOI1871NRR	Sands	9-28	-	-	90	-	-	99	100	100	1.8	S	2.3	MS
IA2021	Iowa AES	9-28	81	75	81	98	102	95	95	103	2.1	Rps1k	2.8	S
2341NRR	Sands	9-29	-	-	119	-	-	102	101	98	2.3	S	3.0	MS
2323SCN	KSC/Challenger	9-29	-	-	109	-	-	106	99	97	2.3	S	2.3	MS
C2317R	Crows	9-29	-	-	104	-	-	105	100	99	2.3	S	3.0	S
DKB24-51	Dekalb	9-29	-	-	97	-	-	94	103	100	2.4	Rps1c	3.7	MR
DG3221NRR	Dyna-Gro	9-29	-	-	97	-	-	93	97	102	2.2	Rps1c	3.0	MR
Loda	Illinois AES	9-29	-	-	94	-	-	98	103	95	2.4	Rps1	2.3	MR
DG3216NRR	Dyna-Gro	9-29	-	-	89	-	-	91	99	101	2.1	Rps1c	3.0	MR
AG2405	Asgrow	9-30	-	-	101	-	-	96	101	100	2.4	S	3.5	R
92M50	Pioneer	9-31	-	-	86	-	-	91	93	105	2.5	Rps1k	2.2	MR
Mean		9-26	33.4 bu/a	35.1 bu/a	35.1 bu/a	50.9 bu/a	46.6 bu/a	40.9 bu/a	34.3%	20.2%				
LSD 20%			5%	7%	16%	3%	4%	8%						