

Performance and characteristics of soybean varieties, southern zone; at soybean cyst nematode infested (Lamberton, Madelia and Waseca) and non-infested (Jackson, Lamberton, and Waseca) sites, 2002-2004.

Variety	Brand or Originator	Maturity date	Yield Percent of Mean						Percent of Mean		Maturity Rating	Phytophthora gene	Chlorosis score	SCN rating	SCN eggs/ 100cc soil Pi = 5,216
			infested sites			non-infested sites			Protein	Oil					
			02-04	03-04	2004	02-04	03-04	2004							
MN1006CN	Minn. AES	10-2	-	87	90	-	92	90	98	100	1.0	Rps1	3.7	R	1,975
Parker	Minn. AES	10-3	100	82	78	100	91	89	99	100	1.5	Rps1	3.8	S	14,875
NT-1616RR/SCN	Nutech	10-5	-	-	109	-	-	99	101	99	1.5	Rps1k	3.7	MR	6,125
91M90	Pioneer	10-5	-	97	102	-	95	97	99	100	1.9	Rps1k	3.5	R	3,750
GR1531	Midwest	10-5	-	-	101	-	-	99	103	98	1.5	Rps1k	4.1	MR	5,750
151CNR	Anderson Seeds	10-5	-	-	100	-	-	98	102	99	1.5	Rps1k	4.0	MS	7,550
2174RR/SCN	High Cycle	10-5	-	-	99	-	-	100	99	101	1.7	Rps1c	4.1	R	5,375
Freeborn	Minn. AES	10-5	-	92	81	-	86	83	102	99	1.6	Rps1	3.8	R	2,675
141RR/SCN	KSC/Challenger	10-6	-	-	107	-	-	100	102	97	1.5	Rps1k	4.2	MS	7,175
181RR/SCN	Kruger	10-6	-	-	99	-	-	100	105	95	1.9	Rps1	3.8	R	2,788
X418R	NK Brand	10-6	-	-	89	-	-	92	98	102	1.8	S	4.1	R	4,125
DKB20-52	DeKalb	10-7	-	93	110	-	97	105	97	104	2.0	S	3.9	R	4,875
34N19	Dyna-Gro	10-7	-	-	106	-	-	97	105	96	1.9	S	4.1	R	3,600
NT-3183CN	Nutech	10-7	-	-	100	-	-	102	104	99	-	S	3.8	R	4,800
PB-1694NRR	Prairie Brand	10-7	-	-	97	-	-	94	99	99	1.7	Rps1c	3.7	R	4,550
X417R	NK Brand	10-7	-	-	91	-	-	98	100	101	1.7	Rps1	4.0	MR	6,025
E1798R	Latham	10-7	-	-	84	-	-	91	98	99	1.7	S	4.6	R	2,950
AG2107	Asgrow	10-8	-	116	120	-	104	107	99	104	2.1	S	4.3	R	3,325
33X19	Dyna-Gro	10-8	-	110	114	-	108	115	98	103	1.9	Rps1k	4.0	R	3,725
IA2068	Iowa AES	10-8	-	-	114	-	-	105	96	99	2.1	S	4.4	R	4,125
NT-1919RR/SCN	Nutech	10-8	-	-	111	-	-	107	97	104	1.5	Rps1k	3.8	R	3,925
191CNR	Anderson Seeds	10-8	-	103	109	-	102	108	96	105	1.9	Rps1k	4.3	R	5,475
GR2031	Midwest	10-8	-	107	107	-	106	111	97	103	2.0	Rps1k	4.4	R	2,775
171RR/SCN	Kruger	10-8	-	-	103	-	-	96	100	98	1.5	S	4.0	S	19,375
SOI2151NRR	Sands	10-8	-	101	103	-	108	109	97	103	2.1	Rps1k	4.3	R	2,825
T-7193RR/SCN	Thompson Seeds	10-8	-	-	103	-	-	111	97	104	2.0	Rps1k	4.3	R	3,163
PB-1994NRR	Prairie Brand	10-8	-	-	102	-	-	95	104	96	1.9	Rps1	4.4	R	2,650
IA1008	Iowa AES	10-8	-	98	91	-	97	98	102	95	2.0	S	3.9	R	5,075
T-1818RR/SCN	Thompson Seeds	10-8	-	-	90	-	-	92	103	96	1.8	Rps1	3.8	R	2,548
T-1717RR/SCN	Thompson Seeds	10-8	-	-	87	-	-	82	99	97	1.5	S	4.3	S	10,175
M-194NRR	Mustang	10-9	-	115	117	-	109	111	97	103	1.9	Rps1k	3.9	R	4,350
195RR/SCN	Kruger	10-9	-	-	115	-	-	115	97	103	1.8	Rps1k	4.3	R	3,625
PB-1984NRR	Prairie Brand	10-9	-	-	110	-	-	107	98	103	1.9	S	4.1	R	3,425
1908CNRR	Viking	10-9	-	101	107	-	107	110	96	104	1.9	Rps1k	4.1	R	3,900
2420NRR	Gold Country	10-9	-	-	107	-	-	110	96	104	2.0	Rps1k	4.0	R	3,850
PB-2183NRR	Prairie Brand	10-9	-	106	107	-	105	111	97	104	2.1	Rps1k	4.5	R	3,575
Turner	S.D. AES	10-9	-	-	103	-	-	102	99	99	2.3	S	4.0	R	4,925
W2195NRR	Wensman	10-9	-	-	95	-	-	106	97	104	1.9	Rps1k	4.2	R	4,475
169RR/SCN	KSC/Challenger	10-9	-	-	72	-	-	94	98	100	1.5	S	4.3	MS	7,250
92B12	Pioneer	10-10	-	-	120	-	-	106	99	102	2.1	Rps1k	4.2	R	4,350
AG2203	Asgrow	10-10	-	-	111	-	-	98	101	97	2.2	S	4.3	R	1,523
NT-3223CN	Nutech	10-10	-	-	109	-	-	107	98	100	-	S	4.3	R	3,825
E2380	Latham	10-11	-	-	109	-	-	102	99	98	2.3	S	3.9	R	4,125
SOI2341NRR	Sands	10-11	-	-	106	-	-	106	99	99	2.3	Rps1k	4.4	MS	13,300
92M30	Pioneer	10-11	-	104	105	-	101	97	100	99	2.3	S	4.4	R	3,513
T-2100RR/SCN	Thompson Seeds	10-11	-	-	100	-	-	102	101	99	2.1	S	4.5	R	2,450
33J24	Dyna-Gro	10-11	-	-	99	-	-	91	101	96	2.4	S	4.2	R	3,375
SOI2461NRR	Sands	10-11	-	-	92	-	-	95	99	97	2.4	Rps1k	4.5	R	3,200
T-2512RR/SCN	Tech Brand	10-11	-	-	90	-	-	95	100	98	2.1	S	4.1	R	8,300
2320SCN	KSC/Challenger	10-12	-	-	106	-	-	105	99	99	2.3	S	4.3	R	4,550
241RR/SCN	Kruger	10-12	-	-	100	-	-	99	100	97	2.4	Rps1k	3.8	R	4,100
XR23N51	Garst/Agripro	10-13	-	-	112	-	-	102	101	101	2.2	S	3.9	R	4,325
T-2323RR/SCN	Tech Brand	10-13	-	-	97	-	-	96	100	97	2.3	Rps1k	4.5	R	11,175
225RR/SCN	KSC/Challenger	10-13	-	-	87	-	-	99	101	99	2.3	Rps1c	4.5	R	5,250
T-2112RR/SCN	Tech Brand	10-13	-	-	77	-	-	95	100	98	2.1	S	4.7	MS	4,450
T-2402	Tech Brand	10-14	-	-	87	-	-	103	101	97	2.4	S	4.4	MS	3,425
T-2121RR/SCN	Tech Brand	10-14	-	-	80	-	-	91	100	97	2.1	Rps1c	4.7	MS	8,900
Mean		10-9	30.1 bu/a	38.6 bu/a	41.0 bu/a	44.7 bu/a	44.5 bu/a	46.7 bu/a	35.7%	18.6%					
LSD 20%				7%	14%		5%	7%							