

Performance and characteristics of soybean varieties, southern zone; at soybean-cyst nematode-infested (Hayward, Lamberton, Madelia, Otisco and Waseca) and non-infested (Jackson, Lamberton, and Waseca) sites, 2004-2006.

Variety or Brand	Originator	Maturity Date	Yield, Percent of Mean						Maturity Rating	Phytophthora Gene	Chlorosis Score	SCN Rating		
			Infested sites			Non-infested sites							Percent of Mean	
			04-06	05-06	2006	04-06	05-06	2006	Protein	Oil				
MN1011CN	Minn. AES	9-16	-	-	92	-	-	81	101	99	1.0	Rps1	2.8	R
AG1402	Asgrow	9-22	-	-	96	-	-	91	102	101	1.4	Rps1k	2.8	R
MN1302	Minn. AES	9-22	-	85	91	-	90	94	99	101	1.3	Rps1k	4.1	S
K-166RR/SCN	Kruger	9-25	-	96	99	-	93	93	104	100	1.6	S	3.8	R
Freeborn	Minn. AES	9-25	82	83	90	81	82	84	106	97	1.6	Rps1	3.8	R
Parker	Minn. AES	9-25	75	74	83	90	92	96	105	100	1.5	Rps1	3.8	R
2156	Trelay	9-26	-	-	104	-	-	104	102	99	1.5	S	3.6	R
152CNR	Anderson Seeds	9-26	-	-	102	-	-	99	102	101	1.5	N	3.4	R
S15-E3	NK Brand	9-26	-	-	100	-	-	101	101	95	1.6	S	4.3	R
SOI1771NRR	Sands of Iowa	9-26	-	-	95	-	-	98	107	97	1.7	N	3.7	R
MN1410	Minn. AES	9-26	-	-	89	-	-	101	109	97	1.4	Rps1k	3.4	S
W2168NRR	Wensman	9-26	-	-	88	-	-	89	104	98	1.6	S	3.6	R
1974N	Garst Seed	9-27	-	-	107	-	-	101	101	97	1.9	S	3.0	R
IA1008	Iowa AES	9-27	90	91	94	94	94	96	102	96	2.0	S	4.2	R
K-188RR/SCN	Kruger	9-28	-	110	115	-	103	109	96	103	1.7	Rps1k	3.3	R
181CNR	Anderson Seeds	9-28	-	-	112	-	-	105	95	106	1.7	Rps1k	3.5	R
PB-1885NRR	Prairie Brand	9-28	-	104	110	-	102	106	95	106	1.8	Rps1k	3.3	R
S19-L7	NK Brand	9-28	-	-	110	-	-	100	100	97	1.9	S	3.4	R
E2085R	Latham	9-28	-	-	109	-	-	110	97	102	-	Rps1c	4.0	R
K-195+RR/SCN	Kruger	9-28	109	109	108	110	111	114	98	105	2.0	Rps1k	3.3	R
SOI1874NRR	Sands of Iowa	9-28	-	-	108	-	-	106	95	106	1.8	Rps1k	3.8	R
W2172NRR	Wensman	9-28	-	-	107	-	-	116	96	105	1.7	Rps1k	3.3	R
1908CNR	Viking	9-28	102	102	103	103	103	108	96	105	1.9	S	3.3	R
92M01	Pioneer Brand	9-28	-	-	100	-	-	104	101	100	2.0	S	4.6	R
2717NRR	Gold Country	9-28	-	-	98	-	-	104	98	105	1.7	Rps1k	3.4	R
PB-1936NRR	Prairie Brand	9-28	-	-	95	-	-	93	99	101	1.9	Rps1c	3.4	R
191CNR	Anderson Seeds	9-29	107	108	117	104	104	107	97	104	1.9	Rps1k	3.4	R
33X19	Dyna-Gro	9-29	108	107	117	103	101	97	96	105	1.9	Rps1k	3.3	R
SOI2151NRR	Sands of Iowa	9-29	104	106	112	103	104	108	98	104	2.1	Rps1k	3.5	R
W2195NRR	Wensman	9-29	-	-	111	-	-	107	97	105	1.9	Rps1k	2.9	R
NT-2222RR/SCN	NuTech	9-29	-	112	108	-	107	109	97	106	2.0	Rps1k	3.2	R
PB-2183NRR	Prairie Brand	9-29	108	111	108	103	103	100	96	106	2.0	Rps1k	3.3	R
M-194NRR	Mustang	9-29	110	110	107	108	109	105	97	106	1.9	Rps1k	3.4	R
AG2107	Asgrow	9-29	108	104	107	104	104	106	99	105	2.1	N	3.3	R
NT-1808RR/SCN	NuTech	9-29	-	-	105	-	-	104	97	102	1.6	Rps1c	4.0	R
T-7193RR/SCN	Thompson Seeds	9-29	105	108	105	103	103	106	98	104	1.6	Rps1k	3.3	R
2202	Trelay	9-29	-	-	104	-	-	102	97	106	2.0	Rps1k	3.0	R
W2200NRR	Wensman	9-29	-	-	103	-	-	102	97	103	2.0	Rps1c	4.3	R
M-217NRR	Mustang	9-29	-	-	102	-	-	98	99	102	2.1	Rps1c	3.3	R
92M33	Pioneer Brand	9-29	-	-	100	-	-	99	105	94	2.3	S	3.4	R
PB-2056NRR	PBR	9-29	-	-	100	-	-	102	97	102	2.0	Rps1c	4.1	R
1938CBR	Viking	9-29	-	-	98	-	-	103	103	95	1.9	Rps1k	3.8	R
1978CBR	Viking	9-29	-	-	97	-	-	104	99	101	1.9	Rps1c	4.0	R
IA2050	Iowa AES	9-29	-	86	84	-	100	101	100	99	2.1	S	3.4	S
E2158R	Latham	9-30	-	-	113	-	-	110	99	101	2.1	Rps1k	3.1	R
K-210RR/SCN	KSC/Challenger	9-30	-	-	105	-	-	101	99	99	2.1	Rps1k	3.9	R
NT-2121RR/SCN	NuTech	9-30	-	-	102	-	-	99	103	95	2.0	Rps1k	3.8	R
IA2068	Iowa AES	9-30	102	99	101	100	100	101	96	98	2.1	S	3.2	R
S22-F5	NK Brand	9-30	-	-	99	-	-	100	100	99	2.2	Rps1	3.3	R
K-227RR/SCN	KSC/Challenger	9-30	-	-	98	-	-	99	102	101	2.2	Rps1c	4.2	R
34K22	Dyna-Gro	9-30	-	-	97	-	-	95	105	95	2.2	Rps1k	3.3	R
K-222RR/SCN	KSC/Challenger	9-30	-	-	97	-	-	103	105	92	2.2	Rps1k	3.8	R
PB-2316NRR	PBR	9-30	-	-	95	-	-	106	102	100	2.3	Rps1k	3.7	R
IA2068 (SCN)	Iowa AES	9-30	-	-	91	-	-	92	94	99	2.4	S	3.4	R
92M40	Pioneer Brand	10-1	-	103	103	-	104	105	102	97	2.4	Rps1c	4.3	R
E2283R	Latham	10-1	-	-	101	-	-	95	102	95	2.2	Rps1k	3.1	R
M-246NRR	Mustang	10-1	-	-	101	-	-	98	99	97	2.4	Rps6	4.2	R
PB-2236NRR	PBR	10-1	-	-	96	-	-	99	104	96	2.2	Rps1k	4.2	R
2251RR/N	Garst Seed	10-1	-	-	93	-	-	89	101	98	2.2	S	3.0	R
Turner	S.D. AES	10-1	92	89	86	94	93	88	100	98	2.3	S	4.0	R
31D20	Dyna-Gro	10-2	-	-	105	-	-	100	97	103	2.0	Rps1c	2.9	R
SOI2467NRR	Sands of Iowa	10-2	-	104	94	-	97	88	97	100	2.4	Rps1c	3.8	R
NT-2324RR/SCN	NuTech	10-2	-	102	93	-	104	103	96	102	2.2	Rps1c	3.3	R
T-2444RR/SCN	Thompson Seeds	10-2	-	-	93	-	-	95	103	92	2.4	S	3.0	R
M-247NRR	Mustang	10-2	-	-	89	-	-	84	101	93	2.4	Rps6	3.5	R
T-2444aRR/SCN	Thompson Seeds	10-2	-	-	89	-	-	93	101	91	2.4	S	3.8	R
K-235RR/SCN	Kruger	10-2	-	100	86	-	101	99	101	97	2.3	Rps1c	3.4	R
K-237RR/SCN	KSC/Challenger	10-3	-	-	85	-	-	103	107	91	2.0	Rps1c	4.3	S
T-2424RR/SCN	Thompson Seeds	10-5	-	96	92	-	100	98	101	97	2.4	S	3.0	R
Mean		9-29	45.6 bu/a	47.0 bu/a	41.4 bu/a	58.8 bu/a	63.5 bu/a	56.4 bu/a	35.0%	17.3%				
LSD 20%			6%	7%	9%	5%	6%	8%						