

Performance and characteristics of soybean varieties, southern zone; at soybean-cyst nematode-infested (Hayward, Lambertson, Madelia and Waseca) and non-infested (Jackson, Lambertson, and Waseca) sites, 2003-2005.

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				
			03-05	04-05	2005	03-05	04-05	2005						
MN1006CN	Minn. AES	9-20	85	85	83	90	88	86	96	104	1.0	Rps1	1.5	R
MN1302	Minn. AES	9-21	-	-	83	-	-	88	97	100	1.3	Rps1k	2.5	S
K-141RR/SCN	KSC/Challenger	9-22	-	100	97	-	95	93	103	99	1.4	Rps1k	2.0	R
151CNR	Anderson Seeds	9-22	-	96	93	-	91	87	104	98	1.5	Rps1k	2.0	R
X413R	NK Brand	9-22	-	-	84	-	-	86	104	99	1.3	Rps1c	2.5	R
Freeborn	Minn. AES	9-22	88	81	81	85	82	81	106	98	1.6	Rps1	2.5	R
91M91	Pioneer Brand	9-23	-	-	102	-	-	101	96	100	1.9	Rps1k	3.0	R
E1783R	Latham	9-23	-	-	100	-	-	100	99	102	1.7	Rps1c	2.0	R
SOI1867NRR	Sands of Iowa	9-23	-	-	99	-	-	95	97	100	1.8	Rps1c	2.0	R
1768CNRR	Viking	9-23	-	-	96	-	-	89	101	100	1.7	S	2.0	R
X417R	NK Brand	9-23	-	92	93	-	96	94	99	97	1.7	Rps1	2.5	R
Parker	Minn. AES	9-23	78	73	70	91	90	90	99	100	1.5	Rps1	3.0	S
S18-N5	NK Brand	9-24	-	-	108	-	-	98	101	97	1.8	S	2.5	R
PB-1585NRR	Prairie Brand	9-24	-	-	102	-	-	97	101	100	1.5	S	2.5	R
T-1727RR/SCN	Thompson Seeds	9-24	-	-	98	-	-	95	101	100	1.5	S	1.0	R
M-166NRR	Mustang	9-24	-	-	94	-	-	101	102	100	1.6	S	2.8	R
XR18N15	Garst Seed	9-25	-	-	98	-	-	101	99	101	1.8	Rps1c	2.0	R
K-166RR/SCN	Kruger	9-25	-	-	97	-	-	94	102	99	1.6	S	2.0	R
2174RR	High Cycle	9-25	-	93	89	-	102	103	100	100	1.7	Rps1c	1.5	R
MN1801	Minn. AES	9-25	-	-	83	-	-	97	101	101	1.8	Rps1c	2.5	S
Sturdy	Minn. AES	9-25	-	-	74	-	-	94	99	101	2.0	Rps1	2.3	S
X519R	NK Brand	9-26	-	-	111	-	-	103	100	98	1.9	S	2.5	R
K-188RR/SCN	Kruger	9-26	-	-	110	-	-	99	97	101	1.8	S	2.5	R
T-1819RR/SCN	Thompson Seeds	9-26	-	-	94	-	-	105	99	100	1.5	Rps1k	2.0	R
T-7193RR/SCN	Thompson Seeds	9-27	-	109	115	-	105	101	98	104	1.9	Rps1k	1.8	R
K-195+RR/SCN	Kruger	9-27	109	114	114	110	111	109	99	103	1.9	Rps1k	2.0	R
RS204NRR	Renk Seed	9-27	-	-	110	-	-	108	99	103	2.0	Rps1k	2.0	R
NT-1919RR/SCN	NuTech	9-27	-	109	109	-	104	103	98	104	1.9	Rps1k	2.0	R
NT-2122RR/SCN	NuTech	9-27	-	-	108	-	-	101	98	102	2.1	S	2.8	R
1908CNRR	Viking	9-27	103	106	106	105	104	100	100	100	1.9	Rps1k	2.0	R
191CNR	Anderson Seeds	9-27	103	106	105	103	105	103	98	103	1.9	Rps1k	3.0	R
PB-1885NRR	Prairie Brand	9-27	-	-	103	-	-	100	98	102	1.7	N	2.8	R
19G01	Galena Genetics	9-27	-	-	87	-	-	96	101	97	1.9	S	3.0	R
PB-2183NRR	Prairie Brand	9-28	110	112	117	106	108	106	99	103	2.0	Rps1k	2.0	R
M-194NRR	Mustang	9-28	115	116	116	111	112	113	96	102	1.9	Rps1k	2.0	R
92M30	Pioneer Brand	9-28	-	-	114	-	-	92	100	99	2.3	S	2.3	R
AG2107	Asgrow	9-28	112	112	106	105	106	105	100	104	2.1	Rps1k	3.0	R
SOI2151NRR	Sands of Iowa	9-28	102	103	105	106	104	102	97	103	2.1	Rps1k	2.3	R
AG2203	Asgrow	9-28	-	105	101	-	98	98	101	96	2.2	Rps1k	2.5	R
IA1008	Iowa AES	9-28	96	91	92	96	95	93	102	98	2.0	S	2.5	R
NT-2222RR/SCN	NuTech	9-29	-	-	120	-	-	107	98	102	2.2	Rps1k	2.3	R
33X19	Dyna-Gro	9-29	107	107	103	-	109	106	98	104	1.9	Rps1k	1.8	R
IA2050	Iowa AES	9-29	-	-	92	-	-	100	100	99	2.1	S	2.8	S
K-213RR/SCN	KSC/Challenger	9-30	-	-	104	-	-	107	100	99	2.2	S	2.5	S
IA2068	Iowa AES	10-1	-	106	101	-	103	101	97	101	2.2	S	2.5	R
E2183R	Latham	10-1	-	-	91	-	-	109	102	98	2.1	S	2.0	MR
Turner	S.D. AES	10-2	-	98	95	-	99	98	100	100	2.2	S	2.8	R
K-2320SCN	KSC/Challenger	10-3	-	106	108	-	111	116	99	100	2.3	S	1.5	R
K-236RR/SCN	KSC/Challenger	10-3	-	-	103	-	-	107	103	96	2.3	S	2.0	R
92B38	Pioneer	10-3	-	-	92	-	-	100	100	97	2.3	S	2.5	MR
K-235RR/SCN	Kruger	10-4	-	-	116	-	-	103	101	102	2.3	N	2.0	R
NT-2324RR/SCN	NuTech	10-4	-	-	114	-	-	107	101	98	2.3	N	2.3	R
92M40	Pioneer Brand	10-4	-	-	107	-	-	104	102	98	2.4	Rps1c	2.8	MR
PB-2385NRR	Prairie Brand	10-4	-	-	106	-	-	104	105	96	2.3	S	3.0	R
SX04324	Dyna-Gro	10-4	-	-	105	-	-	104	103	95	2.4	Rps1k	3.0	R
T-2424RR/SCN	Thompson Seeds	10-4	-	-	103	-	-	104	103	96	2.4	S	1.0	R
SOI2467NRR	Sands of Iowa	10-5	-	-	116	-	-	105	101	100	2.4	N	2.0	MR
E2422RX	Latham	10-5	-	-	103	-	-	105	103	95	2.4	S	2.8	R
Mean		9-27	42.3 bu/a	46.1 bu/a	50.6 bu/a	52.5 bu/a	58.3 bu/a	69.7 bu/a	35.5%	19.3%				
LSD 20%			6%	7%	9%	5%	6%	7%						