

Performance and characteristics of soybean varieties, central zone; at soybean-cyst-nematode infested (Hector, Lester Prairie and Rosemount) and non-infested (Becker, Morris and Rosemount) sites, 2005-2007

Variety or Brand	Originator	Maturity Date	Yield, Percent of Mean						Percent of Mean			Maturity Gene	Phytophthora Score	Chlorosis Rating	SCN Rating
			Infested sites			Non-infested sites			Protein	Oil	Rating				
			05-07	06-07	2007	05-07	06-07	2007							
MN0308CN	Minnesota AES	9-10	-	81	77	-	76	72	105	100	0.3	Rps1k	2.8	R	
Lambert	Minnesota AES	9-12	81	88	80	101	103	98	105	99	0.7	Rps1	3.3	S	
MN0602CN	Minnesota AES	9-12	80	78	64	90	90	85	103	98	0.6	-	2.5	R	
MN0902CN	Minnesota AES	9-13	83	93	93	92	90	83	104	94	0.9	S	2.8	R	
Sheyenne	No. Dakota AES	9-13	-	-	87	-	-	106	100	101	0.7	Rps1c	2.9	S	
MN1011CN	Minnesota AES	9-14	-	98	101	-	95	93	103	94	1.0	Rps1	2.9	R	
S08-M8	NK Brand	9-14	-	114	101	-	97	95	98	96	0.8	S	3.5	R	
MN1005	Minnesota AES	9-14	-	-	88	-	-	99	100	100	1.0	Rps1k	3.2	S	
MN0606CN	Minnesota AES	9-14	-	89	86	-	91	89	103	98	0.6	-	3.5	R	
AG0803	Asgrow	9-15	116	114	106	99	102	97	102	99	0.8	Rps1k	2.9	R	
90M80	Pioneer Brand	9-15	-	-	98	-	-	94	94	103	0.8	Rps1c	3.0	R	
MN0806CN	Minnesota AES	9-15	-	-	94	-	-	91	101	101	0.8	S	2.9	R	
S13-K2	NK Brand	9-19	-	-	119	-	-	107	95	103	1.3	Rps1k	3.3	R	
AG1402	Asgrow	9-19	-	-	101	-	-	93	103	95	1.4	Rps1k	3.5	R	
K-147RR/SCN	Kruger	9-20	-	-	101	-	-	101	102	100	-	Rps1k	3.0	R	
91M61	Pioneer Brand	9-20	-	102	96	-	102	98	101	102	1.6	Rps1c	3.2	R	
MN1410	Minnesota AES	9-20	-	96	78	-	105	107	103	101	1.4	-	3.5	S	
NT-7155	Nutech	9-21	-	-	120	-	-	108	93	105	1.5	Rps1c	3.3	R	
39D11	Dyna-Gro Seeds	9-21	-	-	85	-	-	104	95	101	1.1	S	2.9	S	
PB-1885NRR	Prairie Brand	9-22	128	117	116	114	115	108	97	101	1.8	Rps1k	3.3	R	
NT-7167	Nutech	9-22	-	-	98	-	-	100	100	98	1.5	S	3.9	R	
PB-1585NRR	Prairie Brand	9-22	113	102	94	105	105	103	106	95	1.5	S	2.8	R	
KY1507RN	Kruger	9-23	-	-	123	-	-	107	98	103	1.5	S	3.4	R	
1432-4	Stine	9-23	-	-	117	-	-	109	99	101	1.4	Rps1k#	3.5	R	
M-177NRR	Mustang Seeds	9-23	-	117	116	-	118	111	96	104	1.7	Rps1k	3.0	R	
PB-1557NRR	Prairie Brand	9-23	-	-	113	-	-	111	98	103	1.5	Rps1k	3.5	R	
NT-7193RR/SCN	Nutech	9-23	-	-	112	-	-	106	95	105	1.5	Rps1k#	3.3	R	
K-167RR/SCN	Kruger	9-23	-	-	109	-	-	110	99	101	-	Rps1k	3.3	R	
PB-1737NRR	Prairie Brand	9-23	-	-	103	-	-	105	105	93	1.7	S	3.8	R	
S19-L7	NK Brand	9-23	-	-	100	-	-	96	97	101	1.9	S	3.2	R	
NT-1808RR/SCN	Nutech	9-23	-	109	100	-	111	98	99	103	1.5	Rps1c	3.4	R	
36B14	Dyna-Gro Seeds	9-24	-	-	122	-	-	107	98	102	1.4	Rps1k	3.2	R	
K-170RR/SCN	Kruger	9-25	-	-	100	-	-	104	106	93	-	S	3.9	R	
Mean		9-19	39.4 bu/a	35.6 bu/a	37.3 bu/a	53.8 bu/a	49.4 bu/a	51.3 bu/a	35.5%	17.5%					
LSD 20%			5%	6%	9%	4%	6%	8%							

# Greenhouse test results do not agree with originator's designation.