

Table 1. Resistance of soybean varieties to soybean cyst nematode HG type 0**Authors B. Nelson and T. Helms. Tests conducted in 2017.**

Company	Variety	Female Index (FI)	Resistance
Channel	0507R2	18	R
Channel	0709R2	7	HR
Channel	0807R2	17	R
Dahlman	56009NRR2Y	10	R
Dahlman	6703XN	12	R
Dahlman	6707XN	15	R
Dahlman	6709XN	13	R
Dyna-Gro	S06RY47	10	R
Dyna-Gro	S06XT87	9	HR
Dyna-Gro	S07RY45	31	MR
Dyna-Gro	S09RY24	21	R
Integra	20775N	31	MR
Integra	20915N	13	R
Legacy	LS-0935N	22	R
Legacy	LS-1134N	23	R
Legend	06R665N	21	R
Legend	09R606N	17	R
Legend	10R551N	26	MR
Prairie	PB-0598R2	24	R
Prairie	PB-0676R2	21	R
Prairie	PB-0987R2	23	R
Prairie	PB-X16061R2	18	R
REA	64G94	5	HR
REA	69G14	18	R
REA	R0815	17	R
Syng NK	NKS06-Q9	14	R
Syng NK	NKS08-M2	25	MR
Syng NK	NKS12-R3	32	MR
Syng NK	NKS14-A6	17	R
Thunder	3505R2XN	5	HR
Thunder	36008R2XN	44	LR
Thunder	3606R2YN	5	HR
Wensman	W1048NRX	22	R
Wensman	W1071NRX	22	R
Wensman	W3031NR2	20	R
Wensman	W3072NR2	14	R
Control	Susceptible Check #2	92	NR
Control	Barnes (susceptible check #1)	100	NR

Testing conducted under controlled conditions in greenhouse.

Varieties were part of the round up ready 2016 variety testing at NDSU.

Barnes is the standard susceptible check.

Female Index (FI) = numbers of females on the test variety
divided by the number of females on the susceptible
check times 100. Average number of females on Barnes was 121.

Illinois system for classifying resistance:

FI <10 = Highly resistant (HR)

FI 10-24 = Resistant (R)

FI 25-39 = Moderately resistant (MR)

FI 40-59 = Low resistance (LR)

FI >60 = No resistance (NR)

Table 2. Resistance of conventional soybean varieties to soybean cyst nematode HG type 0.

Authors B. Nelson and T. Helms. Tests conducted in 2017.

Company	Variety	Female Index (FI)	Resistance
Brushvale	BS1511	18	R
Brushvale	BS1512	21	R
Dyna-Gro	S06LL26	42	LR
Dyna-Gro	SX16206L	63	NR
Richland	MK808CN	63	NR
Richland	MK9404CN	5	HR
Soyko	JJ101	40	LR
Soyko	JJ103	41	LR
Thunder	5605LLN	47	LR
Control	Barnes (susceptible)	100	NR

Testing conducted under controlled conditions in greenhouse.

Varieties were part of the 2016 variety testing at NDSU.

Barnes is the standard susceptible check.

Female Index (FI) = numbers of females on the test variety divided by the number of females on the susceptible check times 100. Average number of females on Barnes was 168.

Illinois system for classifying resistance:

FI <10 = Highly resistant (HR)

FI 10-24 = Resistant (R)

FI 25-39 = Moderately resistant (MR)

FI 40-59 = Low resistance (LR)

FI >60 = No resistance (NR)