

Appendix III

NEMATODE THRESHOLD LEVELS FOR COTTON IN GEORGIA.

NEMATODE	ASSAY RESULT	RECOMMENDATION
Southern root-knot (<i>Meloidogyne incognita</i>)	1-99 100 or more	This number of nematodes may begin to cause damage. Correct any pH, fertility, or hardpan conditions. Nematicides may be beneficial. Cotton crop will be affected. Use a nematicide. Implement a crop rotation sequence with a non-host.
Columbia Lance (<i>Hoplolaimus columbus</i>)	1-79 80 or more	This number of nematodes may begin to cause damage. Correct any pH, fertility, or hardpan conditions. Nematicides may be beneficial. Cotton crop will be affected. Use a nematicide. Implement a crop rotation sequence with a non-host.
Reniform (<i>Rotylenchulus reniformis</i>)	1-249 250 or more	This number of nematodes may begin to cause damage. Correct any pH, fertility, or hardpan conditions. Nematicides may be beneficial. Cotton crop will be affected. Use a nematicide. Implement a crop rotation sequence with a non-host.
Sting (<i>Belonolaimus longicaudatus</i>)	1 or more	Cotton crop will be affected. Use a nematicide. Implement a crop rotation sequence with a non-host.