

### Appendix III

### NEMATODE THRESHOLD LEVELS FOR COTTON IN GEORGIA

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