

**Nematode pest of crops : cereals : Rice****A. Rice root-knot nematode, *Meloidogyne graminicola*****Symptoms****Infected Nursery****Tip Galls****Aboveground symptom**

- Stunted growth of seedlings in nursery and main field.
- Yellowing of foliage, chlorosis and patchiness are common symptoms..
- Heavily infested plants flower and mature early.
- Reduction in number of tillers.
- Size of earhead and number of grains are reduced .

Belowground symptom

- Characteristic tip galling or terminal galls on root.
- Adult females and egg masses are developed inside the root.

Note: Nursery seedlings are highly infested. Commonly found in Aerobic and direct seeded rice.

Management**Treated and Untreated****Soil Solarization**

- Flooding of field and keeping the crop always in submerged conditions
 - Raising the rice seedlings in flooded soils.
 - Crop rotation with non-host crops such as daincha.
 - Soil solarization with 25 μ LLDPE (Low Light Density Polythene) sheets for 3 weeks before preparation of fields.
- Soaking rice seedling in carbosulfan 0.1% reduces nematode reproduction.