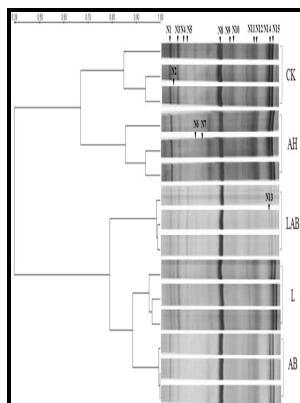


# Nematode Control - Guidelines For the Application of Soil Fumigants.

## s.n - How to Control Nematode: Chemical, Physical and Biological Control



Description: -

-Nematode Control - Guidelines For the Application of Soil Fumigants.

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Factsheet (Ontario. Ministry of Agriculture and Food) --

Nematode Control - Guidelines For the Application of Soil Fumigants.

Notes: 1

This edition was published in 1981



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ENY

Evaluation of the soil core samples from the root zone yielded no RKN juveniles, although several genera of non-plant pathogenic and non-galling nematodes were found.

VAPAM HL

Early seedling death from soil-borne fungal pathogens *Rhizoctonia*, *Pythium*, and *Fusarium* spp. The soil temperature at treatment was 60°F. More intensive research is called for to determine situations where nematicidal application is necessary and worthwhile, methods to reduce the cost of treatment and the economics of chemical control.

ENY

For most of these, either field efficacy data is lacking, or field trial data has not shown consistent benefit. The New Mexican-type green chile variety grown was 'Villa 96' Curry Chile and Seed Co. The nematode uses its stylet to puncture plant cells, injecting digestive juices and ingesting plant fluids through it.

VAPAM HL

Nematicidal action is limited to the narrow root zone.

ENY

Soil temperature—In Oregon, optimum soil temperature for nematicide application is between 70°F and 80°F. No other plant protection product in the world has the same mode of action or ability to deliver a higher level of efficacy from a single nematicide application. Blake 1961 suggested that banana sets less than 13 mm in diameter should be immersed in water at 55°C for 20 minutes in order to kill *Radopholus similis*.

## **Nematodes / Strawberry / Agriculture: Pest Management Guidelines / UC Statewide IPM Program (UC IPM)**

Root galls or knots associated with certain nematode damage to other crops are usually not evident on grasses, but may occur in some cases Figure 9.

### **Fumigant and Non**

Preharvest interval PHI is the number of days from treatment to harvest. Fumigate soil before applying manure, sawdust, or other organic materials. There is evidence from Dutch nematologists that *Tagetes* spp.

### **How to Control Nematode: Chemical, Physical and Biological Control**

For growers wishing to minimize the use of chemical nematicides, using a combination of other techniques should provide some degree of nematode control. Higher concentrations of clay in the soil can retard NIMITZ dispersion.

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