

HORTICULTURE

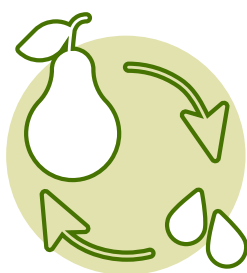
Increased Pests in Horticulture Crops

Increasing temperatures and precipitation could change the composition, prevalence, and abundance of nematode species in Nova Scotia. However, there are steps that can be taken to begin preparation for any future negative impacts.



Follow an integrated pest management approach to maintain the nematode population density below economic thresholds.

Understand the different host stages of plant parasitic nematodes.



Use crop rotation and a selection of resistant varieties.



Practice select cover cropping.



Follow effective sampling protocols.

KEY TAKEAWAYS

Each plant parasitic nematode and host crop interaction is different. It is important to know which plant parasitic nematodes are present to best implement management practices.

Chemical controls for nematodes are effective, but there are a limited amount, and their uses are restricted. Cover cropping with certain crops can be effective at maintaining plant parasitic nematode populations below damaging levels.

Soil sampling using proper protocols is essential to determine nematode presence and population densities.

Select cover crops that are non-hosts or are not susceptible to plant parasite nematodes, limiting opportunities for survival and reproduction.