

**Project #9023 Control Plant Parasitic Nematodes
Vegetables & Herb Production**

BRIEF

DESCRIPTION

This project focuses on the evaluation of alternatives to chemical fumigants for control of plant parasitic nematodes. Field trials will be established to evaluate the efficacy of cover crops and organic nematicides in suppression of plant parasitic nematodes for fresh market tomatoes and organic herb production. In addition, a survey of field soil from various grower sites will be conducted to determine the extent and severity of nematode infestation in Ontario low acreage crops. Research will be conducted in collaboration with growers and OMAFRA extension personnel

PROJECT

OBJECTIVE

Determine the efficacy of cover crops in suppressing nematodes

Determine the efficacy of organic nematicides for nematode control

Conduct a survey of sweet potato and herb fields to determine the severity of plant parasitic nematode infestation.