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**Project #**

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**BRIEF**

**DESCRIPTION**

The goal of this project is the development of a comprehensive IPM program for cruciferous vegetable crops for management of the swede midge and leaf-feeding caterpillar (lepidopterous) pests, from greenhouse to harvest. A variety of approaches will be utilized in the development of pest management practices for the main pests of cruciferous vegetables in Ontario, in order to achieve new product registrations, to mitigate the development of insecticide resistance within target pest populations, and to help ensure sustainable returns for cruciferous vegetable producers in Ontario.

**PROJECT**

**OBJECTIVE**

The goals of this project will be achieved through the following specific objectives:

- To investigate appropriate use patterns of insecticides for swede midge control in the greenhouse and field;
- To evaluate efficacy of new products for control of swede midge and/or leaf-feeding caterpillar pests;
- To develop threshold-based insecticide timing programs for the swede midge; and,
- To assist growers in attaining effective control of swede midge by providing timely updates on the population trends of swede midge adults throughout the season.