

## **Project #9014 – Belgian Endive in Ontario Maintaining & Improving Quality**

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### **BRIEF**

#### **DESCRIPTION**

Recently, problems have been developing in Belgian endive grown in Ontario.

After forcing, red sunken lesions (pits) develop on the leaves. Other rots can also be a problem, including root rots, brown rot on the leaves and Sclerotinia.

This project intends to determine the cause of the sunken lesions and to identify the causes of the other rots.

The next step will be to conduct variety trials to determine which varieties are less susceptible to these problems and trials at different storage temperatures to determine what conditions lead to the development of the lesions. The second goal of the project is to conduct field trials to determine products that will control or reduce diseases in the field and pitting and rots in storage.

### **PROJECT**

#### **OBJECTIVE**

- To determine the cause of the red sunken lesions that develop on Belgian endive during the forcing process
- To identify other rot pathogens that occur on the crop in the field, storage and after forcing
- Evaluate fungicides, biocontrols and calcium solutions for control of Sclerotinia and other pathogens in the field to improve quality in storage and after forcing.