

Project #8866

Leek Moth

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Institution: Ontario Ministry of Agriculture, Food and Rural Affairs

Duration of Project: May 1, 2005 – December 1, 2007



I. Brief Project Description

The Leek moth, *Acrolepiopsis assectella*, is an invasive alien species of European origin which damages *Alliums* sp. including both vegetable crops (dry bulb onions, green onions, garlic, leeks etc.) and native plants (wild garlic, ramp etc). It was first identified in the Ottawa area in 1993 and recognized as a new introduction by the scientific community in 1997. Since its detection, leek moth has resulted in significant damage to both commercial allium growers and organic market garden producers in eastern Ontario and southwestern Quebec.

II. Project Objectives

1. To evaluate the efficacy and use patterns of insecticides, including registered and experimental products against the leek moth.
2. Support the minor use registration of effective products
3. Create an awareness amongst growers/consultants about this pest
4. Develop an integrated control strategy to minimize the threat of this pest to Ontario's agricultural industry.