

## **Control of Gypsy moth on Sea Buckthorn added to the Bioprotec CAF biological insecticide label via Minor Use Program**

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The Pest Management Regulatory Agency (PMRA) recently announced the approval of an URMULE registration for BIOPROTEC CAF Biological Insecticide for control of Gypsy moth on sea buckthorn in Canada. The active ingredient *Bacillus thuringiensis* was already labeled on a wide range of crops for a number of important insect pests. Sea buckthorn is a very new crop to Canada and is produced on about 266 ha across the country. Sea buckthorn is an unusual specialty crop belonging to the berry subgroup 13-07B, bushberries. For more interesting information about this new crop to Canada visit [www.icrts.org](http://www.icrts.org).

This is the 2<sup>nd</sup> Canadian registration for this crop and the minor use submission was sponsored by the minor use office of the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) in response to minor use priorities established by growers and extension personnel. Gypsy moth has become a more common problem for sea buckthorn producers in Ontario and the registration of Bioprotec CAF is a welcomed solution to this pest problem.

The following is provided as a general outline only. Users should consult the complete label before using the Bioprotec CAF label.

**Bioprotec CAF can be used for control of gypsy moth on sea buckthorn at a rate of 2.4 – 4.0 L of product per hectare in minimum of 300 L water per hectare depending upon the crop. If egg hatch is extended or reinfestation occurs, 2 or more applications, 7 - 10 days apart, may be required. Use higher rates for heavy infestations. The pre-harvest interval is 0 days.**

**Follow all other directions for use on the Bioprotec CAF label carefully.**

**Bioprotec CAF should be used in an integrated pest management program and in rotation with other management strategies to adequately manage resistance.**

We wish to thank the personnel of **AEF Global Inc.** for their support of this registration and the personnel of the **Pest Management Regulatory Agency** for evaluating and approving this important pest management tool.

For copies of the new minor use label contact Jim Chaput, OMAFRA, Guelph (519) 826-3539, Pam Fisher, OMAFRA berry crops specialist at Simcoe (519) 426-2238, visit the UAP Canada website at [www.uap.ca](http://www.uap.ca) or the N. M. Bartlett's website at [www.bartlett.ca/bartlett/default.htm](http://www.bartlett.ca/bartlett/default.htm)