



Cranberry Station Newsletter

May 12, 2003

UMASS CRANBERRY STATION

1 STATE BOG ROAD

P.O. Box 569

EAST WAREHAM, MA 02538

<http://www.umass.edu/cranberry>

AVAUNT® APPROVED FOR CONTROL OF RESISTANT CRANBERRY WEEVIL

Under a Section 18 Permit for Massachusetts, Avaunt insecticide (ai. Indoxacarb) is available for use on acreage where growers are experiencing Lorsban resistant cranberry weevil. Weevil will be starting to move from blueberry to cranberry in the next two weeks. Keep in mind that you want to spray before adults have a chance to lay eggs in the developing flower buds. To apply, you must have a copy of the label, supplemental label and the MA-DFA pesticide applicator form. All are available at your local ag dealers.

Use pattern: 6 ounces/A/application. Four applications are permitted for the season. Do not exceed 24 ounces/season. Allow a minimum of 7 days between applications. PHI = 30 days. REI = 12 hours.

Application: Aerial, ground, or chemigation applications are permitted. *Always start with water—add Avaunt to water.* This is a water-dispersible granule that goes into suspension, so agitation is critical. Note there is a clear tank mixing sequence to follow. *Wait two days* before scouting to check for efficacy. PPE required is long sleeves, long pants, and chemical resistant gloves.

Rules: Do not apply to flow-through bogs. Hold water for at least 1 day following application. Drop ditch water prior to application. Do not apply near water supply. Half-heads must be in place.

Mode of action: Ingestion (primary) and contact — so coverage is key. The active ingredient is indoxacarb, which inhibits proper functioning of nerves, resulting in paralysis and death. This is a novel mode of action making this a great alternative for Lorsban-resistant weevil. In addition, the active ingredient is designated as a reduced-risk compound by US-EPA. It has a favorable environmental profile and conserves beneficial insects. Although it is toxic to pollinators, it has a low impact on honeybees after the spray has dried.

Thanks go out to Steve Antunes-Kenyon (MA-DFA), Brad Mitchell (MA-DFA), Jeff LaFleur (CCCGA), Jere Downing (CI) and Dupont for making this possible.

**ANNE AVERILL AND MARTHA SYLVIA,
CRANBERRY ENTOMOLOGISTS**

UMass Extension Mailing Signoff

Carolyn DeMoranville, Director

IPM PHONE MESSAGE

The IPM Phone Message (ext. 60) has begun posting information. The Phone Message is available 24 hours a day, 7 days a week. The message will also be posted on the Web page. The content will focus solely on which pests are out and any specific problems. Additional IPM information (such as management and treatment options, pest life cycles, ect.) will be published in future issues of the Cranberry Station Newsletters.

AVAUNT® APPROVED FOR CONTROL OF RESISTANT CRANBERRY WEEVIL (see details inside)

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