

PRODUCT BULLETIN

2(ee) Recommendation



**THIS PRODUCT BULLETIN
CONTAINS NEW OR ADDITIONAL
DIRECTIONS FOR USE WHICH
ARE RECOMMENDED BY
INNVOXIA CROP CARE, LLC
UNDER FIFRA SECTION 2(ee)**

EPA Reg. No. 89168-163-89391

This label for INNOVOXIA EC is valid until December 31, 2025, or until withdrawn, canceled or suspended.

FIFRA Section 2(ee) Recommendation: This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or accepted by the U.S Environmental Protection Agency. It is a violation of federal law to use this product in a manner inconsistent with its label. This product bulletin must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

FOR DISTRIBUTION AND USE IN ALL REGISTERED STATES EXCEPT TEXAS AND NEW YORK

REDUCED RATES OF INNOVOXIA EC FOR THE CONTROL OF ALFALFA WEEVIL LARVAE (AW) AND EGYPTIAN ALFALFA WEEVIL (EAW) AND FOR TANK-MIXTURES WITH ORGANOPHOSPHATE OR PYRETHROID INSECTICIDES WHEN WEEVIL LARVAE AND APHIDS ARE SIMULTANEOUS PESTS IN ALFALFA

Directions For Use

DO NOT apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations. Always read this FIFRA 2(ee) bulletin and the entire label on the product container before using this product.

INNOVOXIA EC insecticide is recommended for use in alfalfa for control of alfalfa weevil larvae (*Hypera postica*) and Egyptian alfalfa weevil larvae (*Hypera brunneipennis*).

For control of alfalfa weevil larvae and Egyptian alfalfa weevil larvae, apply **INNOVOXIA EC** insecticide as a broadcast treatment at the rates of 4.0 to 11.3 fl oz/A with optimal carrier volume of water to maximize coverage. Use the lower range of rates 4.0 to 6.6 fl oz/A when 10 to 14 days of residual control are needed. Use the higher range of rates 6.7 to 11.3 fl oz/A when weevil larval pressure is moderate to severe or when longer residual control is desired (14 to 21 days).

For aerial application, use a minimum of 3 gallons of water per acre (GPA). For ground application, use a minimum of 5 GPA. Higher application volume (GPA) will provide better coverage and performance. For best results, a minimum of 5 GPA by air and 20 GPA by ground application equipment is recommended.

Where aphids are a significant and simultaneous pest add one of the following organophosphates or pyrethroid insecticides for aphid control. **INNOVOXIA EC** insecticide can be tank mixed with these pesticide products labeled for use on alfalfa in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. **INNOVOXIA EC** insecticide cannot be mixed with any product containing a label prohibition against such mixing.

Organophosphate Insecticides

Dimethoate

Malathion (e.g. "Fyfanon")

Pyrethroid Insecticides

Permethrin (e.g. "Pounce")*

Zeta-cypermethrin (e.g. "Mustang Maxx")*

Cyfluthrin (e.g. "Baythroid")*

Lambda cyhalothrin (e.g. "Ravage")*

* Restricted Use Pesticide

NOTE: DO NOT apply **INNOVIA EC** insecticide within 7 days of harvest. For alfalfa, harvest is defined as when the crop is cut. **DO NOT** apply more than 45 fl oz **INNOVIA EC** insecticide (0.44 lb ai) per acre per year. Apply no more than 11.3 fl oz (0.11 lb ai) of **INNOVIA EC** insecticide per cutting. When **INNOVIA EC** insecticide is used on alfalfa grown for seed, the seed may not be used for sprouts or livestock feed. All seed from **INNOVIA EC** insecticide treated crop must be tagged, "Not for Human or Animal Use" at the processing plant.

INSECT RESISTANCE MANAGEMENT

INNOVIA EC insecticide contains the active ingredient indoxacarb and is a Group 22 insecticide based on the mode of action classification system of the International Insecticide Resistance Action Committee (IRAC). Insecticides with the same Group Number affect the same biological site of action on the target pest and when used repeatedly in the same treatment area, naturally-occurring resistant individuals may survive correctly applied insecticide treatments, reproduce, and become dominant.

To avoid or delay the development of insecticide resistance, a resistance management strategy should be established for the use area. This strategy may include incorporation of cultural and biological control practices, alternation to different mode of action insecticides on succeeding generations, and targeting the most susceptible life stage. Consult your local or state agricultural authorities and product manufacturer for more information about developing a resistance management strategy.

Unless directed otherwise in the specific crop/pest sections of this label, the best practices are to follow these guidelines to delay the development of insecticide resistance:

- Apply **INNOVIA EC** insecticide and other Group 22 insecticides within a single "treatment window" to minimize exposing multiple successive generations of a pest species to the same mode of action insecticides.
- A "treatment window" is defined as the period of insecticidal activity provided by one or more applications of products with the same mode of action.
- A "treatment window", including residual control, should not exceed 30 days (the length of a typical pest generation).
- Within the Group 22 "treatment window", make no more than 3 applications of **INNOVIA EC** insecticide or other Group 22 insecticides.
- Following a Group 22 "treatment window", rotate to a "treatment window" of effective insecticides with a different mode of action (Group Number).
- The period between Group 22 "treatment windows" should be at least 30 days.
- The total exposure of all Group 22 products applied throughout the crop cycle (from seedling to harvest) should not exceed approximately 50% of the crop cycle or 50% of the total number of insecticide applications targeted at the same pest species.
- Avoid using less than labeled rates of **INNOVIA EC** insecticide when applied alone or in tank mixtures.
- Target the most susceptible insect life stages whenever possible.
- Monitor insect populations for product effectiveness. If poor performance occurs and it cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present.

If resistance to **INNVOXIA EC** insecticide develops in your area, **INNVOXIA EC** insecticide or other products with a similar mode of action (Group 22) may not provide adequate control. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternate method of control for your area. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org>.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of INNVICTIS CROP CARE, LLC or Seller. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW all such risks shall be assumed by Buyer and User and Buyer and User agree to hold INNVICTIS CROP CARE, LLC and Seller harmless for any claims relating to such factors.

INNVICTIS CROP CARE, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or INNVICTIS CROP CARE, LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. To the extent consistent with applicable law INNVICTIS CROP CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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