



## 2(ee) Recommendation

Use information in accordance with Section 2(ee) of FIFRA

### DUPONT™ STEWARD® EC INSECTICIDE

EPA REG. NO. 352-638

**REDUCED RATES OF DUPONT™ STEWARD® EC INSECTICIDE FOR THE CONTROL OF ALFALFA WEEVIL LARVAE (AW) AND EGYPTIAN ALFALFA WEEVIL LARVAE (EAW), AND FOR TANK-MIXTURES WITH ORGANOPHOSPHATE OR PYRETHROID INSECTICIDES WHEN WEEVIL LARVAE AND APHIDS ARE SIMULTANEOUS PESTS IN ALFALFA IN THE STATES OF ARIZONA, CALIFORNIA (IMPERIAL AND RIVERSIDE COUNTIES ONLY), COLORADO, IDAHO, KANSAS, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, OKLAHOMA, OREGON, UTAH, WASHINGTON AND WYOMING**

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA.

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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.

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

For alfalfa weevil larvae and Egyptian alfalfa weevil larvae control, apply STEWARD® EC as a broadcast treatment at the rates of 4.0 to 11.3 fluid ounces per acre in sufficient water to obtain thorough 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). In Arizona, use a minimum of 5 gallons of water per acre for aerial application. For ground application, use a minimum of 5 gallons of water per acre (gpa). Higher gallonages will provide better coverage and performance. For best results, a minimum of 5 gpa water by air and 20 gpa water by ground application equipment is recommended.

Where aphids are a significant and simultaneous pest add one of the following organophosphate or pyrethroid insecticides for aphid control. STEWARD® EC can be 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. STEWARD® EC cannot be mixed with any product containing a label prohibition against such mixing.

#### Organophosphate insecticides

dimethoate

malathion (e.g. "Fyfanon")

chlorpyrifos (e.g. "Lorsban")\*

#### Pyrethroid insecticides

permethrin (e.g. "Pounce")\*

zeta-cypermethrin (e.g. "Mustang")\*

cyfluthrin (e.g. "Baythroid")\*

lambda cyhalothrin (e.g. "Warrior")\*

\* Restricted Use Product

NOTE: Do not apply STEWARD® EC within 7 days of harvest. For alfalfa, harvest is defined as when the crop is cut.

Do not apply more than 45 fl oz STEWARD® EC (0.44 lb. a.i.) per acre per year. Apply no more than 11.3 fluid ounces (0.11 lb ai) of STEWARD® EC per cutting. When STEWARD® EC is used on alfalfa grown for seed, the seed may not be used for sprouts or livestock feed. All seed from treated crop must be tagged, "Not for Human or Animal Use" at the processing plant.

#### RESISTANCE MANAGEMENT

For resistance management, DuPont™ STEWARD® EC insecticide is a group 22 insecticide. Repeated and exclusive use of STEWARD® EC or other group 22 insecticides may lead to the buildup of resistant strains of insects in some crops. Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the recommended dosages fail to

suppress the pest population below the economic threshold. Because the development of resistance cannot be predicted, the use of this product should conform to resistant management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of mode-of-action classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local or state agricultural authorities for details. If resistance to this product develops in your area, this product or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. 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.iraconline.org>.

“Fyfanon” is a registered trademark of Helena Chemical Company.

“Lorsban” is a registered trademark of Dow AgroSciences LLC.

“Pounce” and “Mustang” are registered trademarks of FMC Corporation.

“Baythroid” is a registered trademark of Bayer CropScience.

“Warrior” is a registered trademark of Syngenta Crop Protection, Inc.

(Replaces R-1840 010814 01-20-14)

**IMPORTANT NOTICE**

**BEFORE BUYING OR USING DUPONT PRODUCT(S) COVERED BY THIS BULLETIN, READ THIS BULLETIN, AND THE LABELS FOR ALL PRODUCTS REFERENCED IN THIS BULLETIN, IN THEIR ENTIRETY. FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS.**

It is a violation of federal law to use this or any other pesticide product in a manner inconsistent with its labeling. This bulletin contains supplemental instructions for use of the referenced DuPont product. Follow these instructions carefully. This bulletin should be in the possession of the user at the time of application.

**Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically instructed by DuPont. User assumes all risks associated with such uses not specified by the label or DuPont 2(ee) instructions. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.**

Copies of DuPont product labels are available by calling 1-888-6-DUPONT  
or at <http://cropprotection.dupont.com/>

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