

Steward® EC Insecticide



Steward® EC insecticide label.

- Indoxacarb (active ingredient).
- Oxadiazine (chemical class).
- 1.25 lbs. ai/gal. EC (formulation).
- Caution (signal word).
- 12-hour REI.
- 7-day PHI.
- 6–11.3 fl. oz./A.

Application tips

- It may be necessary to spray a sequential application due to multiple generations exceeding local threshold levels.
- Do not apply Steward® EC insecticide if freezing temperatures are expected within 24 hours.
- Steward EC insecticide can only be tank mixed with herbicides approved for the same crops as Steward EC insecticide. Always refer to the tank-mix use directions of the product label for any additional restrictions, instructions or precautions for use. Use the most restrictive label limitations for each of the products used in the tank mix.
- Minimal impact to most beneficial insects and predators when used in accordance with the label.



QUICK FACTS:

- Ideal resistance management tool.
- Consistent broad-spectrum worm control in alfalfa and soybeans, and excellent control on beet armyworms.
- Insects feeding on treated foliage can quickly receive a lethal dose that causes irreversible feeding cessation. Even a sublethal dose will cause feeding cessation.
- Do not apply more than 11.3 fl. oz. per cutting.
- Do not apply more than 45 fl. oz. per crop season.
- Always add Steward EC insecticide to water and not to an empty tank.
- Volume by air = 3–5 gal./A
Volume by ground = 15–20 gal./A — **very important.**
- Spray coverage can be optimized by increased volume and adjuvant addition.
- Overhead sprinkler chemigation applied at 0.1–0.2 inches water per acre. **Maximum 0.2 inches water per acre.**
- Organo-silicone surfactant does not need to be added when using overhead sprinkler irrigation.

Additional facts on alfalfa weevil larvae

- The initial spray may leave a few larvae in the field, but it should not reach the threshold of respray numbers. The few worms that are left will likely not be feeding and will be thin and lethargic or starving to death.
- It may be necessary to spray more than one time due to multiple generations.

Insecticide recommendations

Early applications for alfalfa weevils, cutworms and aphids up to 4" new growth

- Mustang® Maxx insecticide 4 oz./A + 1/2–1% NIS or COC if desired.

Later applications for Egyptian alfalfa weevil larvae and alfalfa weevil larvae + aphids on 8" to 10" alfalfa

- Steward® EC insecticide 8–11.3 fl. oz./A + Dimethoate® 4E insecticide + 0.25–0.5 % v/v organo-silicone surfactant.
- Tank mix for improved control in heavy infestations and an additional mode of action for resistance management.



Left side treated with labeled rate of a standard pyrethroid insecticide
Right side treated with Steward EC insecticide 6.0 oz./A.
Applied: March 28, 2016
Photo taken: April 5, 2016
Location: Solomon, Kan.



Left side untreated.
Right side of field treated with 8 fl. oz./A Steward EC insecticide.
Applied April 1, 2013
Photo taken: April 23, 2013.
Location: Hammon, Okla.



Alfalfa weevil larvae.
Photo by: Clemson University — USDA Cooperative
Extension Slide Series; Bugwood.org

For more information, contact your local FMC retailer or representative about Steward EC insecticide from FMC and visit us at FMCcrop.com.

Mustang Maxx insecticide is a Restricted Use Pesticide. Always read and follow label directions. Some products may not be registered for sale or use in all states. As of November 1, 2017, the USEPA registration for DuPont™ Steward® EC insecticide was sold to FMC by DuPont. FMC, Dimethoate, Mustang and Steward are trademarks of FMC Corporation or an affiliate.
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