

# DuPont™ Steward® EC

insecticide

*Proven control of beet armyworm, alfalfa weevil larvae and Egyptian alfalfa weevil in an improved, easier-to-use formulation*

Many alfalfa growers count on DuPont™ Steward® insecticide to keep key insects from taking a bite out of their profits. Unfortunately, handling and mixing headaches may have left some wondering if the reliable performance is worth all the fuss. These concerns are now a thing of the past. Now you get the performance of Steward® in a new formulation that mixes readily for easier handling, faster cleanup and optimal results in your alfalfa.

## The benefits of using Steward® ...

DuPont™ Steward® EC insecticide delivers the reliable performance growers have come to expect from Steward®:

- **Newer, proven class of chemistry:** Indoxacarb (Oxadiazine class) — novel mode of action, acts by inhibiting the sodium-ion entry into nerve cells, resulting in paralysis and death. Primary exposure is through ingestion, with some contact activity for increased control levels and moderate residual activity.
- **Goes to work quickly:** Insects stop feeding within zero to four hours after ingestion, pest knockdown follows within one to two days.

- **Superior rainfastness:** Steward® will resist washoff once dried. Under most conditions, drying will occur approximately two hours after application.
- **Minimal impact to most beneficial insects\* and predators** when used in accordance with the label.
- **Short re-crop interval:** Indoxacarb labeled crops may be planted immediately following harvest. Do not plant for food or feed any other crops not registered for use with indoxacarb for 30 days after last use.
- **Short preharvest interval:** Only seven days for alfalfa.
- **Ideal resistance management tool:** Excellent fit in Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

## ... in a new, hassle-free formulation

Steward® EC has been formulated to help eliminate mixing, handling and cleanup issues:

- **Optimal Performance:** Steward® EC contains both an oil solvent and a surfactant package that provides good leaf-wetting and surfactant characteristics optimal for excellent crop protection.



- **Simply open and pour:** Offered as a clear solution that does not need to be shaken, just open the container and pour contents into the tank.
- **Add to water:** Once poured into water, the EC formulation blooms into a white cloudy emulsion and rapidly and completely disperses in the spray tank with minimal agitation in hard or soft water.
- **No product to dissolve:** The active ingredient, indoxacarb, is completely dissolved in the formulation and there are no particles to resuspend.
- **Mixes readily:** When mixed in the spray tank it forms fine droplets in soft or hard water and easily emulsifies with little agitation.
- **Easier restart after a delay:** If agitation must be stopped for more than a few hours before the spray tank is emptied, a cream layer may form on the surface. The EC formulation alone or with tank-mix partners will easily re-emulsify with agitation.
- **Faster cleanup:** Containers easily rinse with water compared to oil-based SC formulation.

\* This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Low impact on honeybees after spray has dried.

## How to get the best results

- Apply DuPont™ Steward® EC at a rate of 6.7 to 11.3 ounces per acre:
  - 6.7 to 11.3 ounces per acre:  
Alfalfa weevil larvae, alfalfa caterpillar, beet armyworm, Egyptian alfalfa weevil larvae, granulate cutworm.
  - 9.2 to 11.3 ounces per acre:  
Western yellowstriped armyworm.
- Do not apply more than 45 fluid ounces of Steward® per acre per crop season.
- Make no more than one application per cutting.
- To assess the optimum performance of Steward®, it is advisable to evaluate pest populations three or more days after treatment.
- In some situations where coverage is difficult to achieve, such as closed canopy, dense foliage or less than optimum application equipment, the addition of an adjuvant may improve performance.

## For more information

Contact your local DuPont crop protection retailer or DuPont representative for more information about new DuPont™ Steward® EC insecticide. And visit us on the Web at [steward.dupont.com](http://steward.dupont.com).

***This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label at the time of application. Always read and follow all label directions and precautions for use.***

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