



The miracles of science™

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

DuPont™
Steward® EC
insecticide

Alfalfa — Southern and Northern Plains: Colo., Kan., Mo., Neb., N.M., N.D., S.D., Texas and Wyo.

Many alfalfa growers count on DuPont™ Steward® EC insecticide to keep key insects from taking a bite out of their profits. Steward® EC formulation mixes readily for easy handling, fast cleanup and optimal results in your alfalfa.

The benefits of using Steward® EC

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

- **Proven class of chemistry:** Indoxacarb (Oxadiazine class) 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® EC resists washoff once dried. Under most conditions, drying occurs approximately two hours after application.
- There is minimal impact to most beneficial insects* and predators when product is used in accordance with the label.
- **Short re-crop interval:** Only crops approved for applications of indoxacarb may be planted immediately following harvest. After harvest, do not plant food or feed crops that are not approved for applications with indoxacarb products for 30 days after last use.
- **Short preharvest interval:** Only seven days for alfalfa.
- **Ideal resistance management tool:** Product provides an excellent fit in Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

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:** This clear solution 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, rapidly and completely dispersing 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 no particles need resuspension.
- **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 is 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 easily re-emulsifies with agitation.
- **Faster cleanup:** Containers easily rinse with water compared to oil-based SC formulations.

* 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. This product has a low impact on honeybees after spray has dried.



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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® EC per acre per crop season. Apply no more than 11.3 fl oz (0.11 lb ai) of Steward® EC per cutting.
- It may be necessary to spray a sequential application due to multiple pests exceeding local threshold levels.
- Overhead chemigation offers better penetration and coverage of target plants. Apply Steward® EC in 0.1 to 0.2 inches of water per acre.
- To assess the optimum performance of Steward® EC, 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 or increased spray volume per acre may improve performance.
- Steward® EC can be mixed with herbicides in accordance with the most restrictive of label limitations and precautions.
- Do not apply Steward® EC if freezing temperatures are expected within 24 hours.

For more information

Contact your local DuPont retailer or representative for more information about Steward® EC insecticide from DuPont. And visit us at steward.dupont.com.