



The miracles of science™

Count on DuPont to help optimize alfalfa yield through proven and consistent insect control

DuPont™
Steward® EC
Prevathon®
Lannate® LV
Lannate® SP
insecticides

Alfalfa

Many alfalfa growers count on DuPont™ Steward® EC insecticide for managing early-season insects that can take a bite out of their profits. These growers know it takes vigilance across the season for full protection. DuPont™ Prevathon® insect control offers reliable, consistent and long-lasting control of worm pests, which helps protect the yield and quality of animal feed. DuPont™ Lannate® insecticides release the value and benefits of optimum application timing and sequence of specific insect-control applications. Count on DuPont for specific recommendations of these products.

The benefits of using Steward® EC

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

- Protection from crop damage caused by key insects such as weevils and beet armyworms.
- A proven class of chemistry that controls through ingestion but also offers contact activity for increased control.
- Discontinuation of insect feeding within zero to four hours after ingestion, and pest knockdown within one to two days.
- Residual control, resisting wash-off once spray has dried (about two hours).*
- Minimal impact to most beneficial parasites* and predators.**
- Short preharvest interval of seven days.

The benefits of using Prevathon®

- Delivers long-lasting residual control of the key worm species, which helps eliminate the need for multiple applications per season.
- Helps break the insect resistance cycle due to its alternate mode of action versus current standards.

- Allows applications to be made right up to cutting (zero-day PHI).
- Allows livestock to re-enter and graze immediately after application, once sprays have dried, with zero-day grazing and haying intervals.
- Offers effective control of worm pests while having minimal impact on beneficials such as honeybees.**
- Has an excellent worker protection profile, with a four-hour re-entry period and minimal PPE, which allows you to better manage your crop and your workload.

How to get the best results

During the winter and spring, make applications of Steward® EC at 6.7 to 11.3 fluid ounces per acre for control of alfalfa weevil and Egyptian alfalfa weevil larvae. This will also control early infestations of worm pests such as alfalfa caterpillar and beet armyworm.

Following Steward® EC applications, as the heat of summer brings additional pressure from worm pests, rotate to Prevathon® for long-lasting residual control of key worm species such as alfalfa looper and beet armyworm. Apply Prevathon® at 14 to 20 fluid ounces per acre.

If more than one application per cutting is required, use alternating applications of Steward® EC (IRAC Group 22), Lannate® LV (IRAC Group 1A) and Prevathon® (IRAC group 28), which provide three unique modes of action that offer outstanding pest control with an effective resistance management approach.

* Under most conditions.

** In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.



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Steward® EC and Prevathon® offer translaminar movement into the leaf tissue which results in long residual control. In some situations where coverage of the leaf tissue is difficult to achieve — such as in a closed canopy, in dense foliage or due to less-than-optimum application equipment — the addition of an adjuvant or increased volume per acre may improve performance.

Steward® EC and Prevathon® go to work quickly to protect the plant by rapidly stopping feeding and knocking down populations. To assess the performance of the insect-control applications, it is advisable to evaluate pest populations three or more days after a Steward® EC or Prevathon® treatment.

Use Lannate® LV or Lannate® SP insecticide in a tank mix for rapid knockdown and control of a wider spectrum of pests, including aphids. During an extended spray season, an additional mode of action will ensure insect resistance management.

For more information

Contact your local DuPont retailer or representative for more information about DuPont™ Steward® EC insecticide, DuPont™ Prevathon® insect control and DuPont™ Lannate® insecticides. And visit us at steward.dupont.com, prevathon.dupont.com, lannatelv.dupont.com and lannatesp.dupont.com.

		1 st Cutting	2 nd Cutting	3 rd Cutting	4 th Cutting	
	Apr	May	Jun	Jul	Aug	Sep
Steward® EC (IRAC 22)	Spring alfalfa weevil and early worm control			(Rotation) [†]		
Prevathon® (IRAC 28)	(Rotation) [†]		Summer worm control			
Lannate® (IRAC 1A)	Tank mix for fast knockdown and extended spectrum (aphids) if needed					
† After two applications of any single mode of action (IRAC class), rotate to another IRAC class.						

DuPont Insect Control for Alfalfa				
Product	Targeted Pests	Application Rate per Acre	REI (Hours)	Last Application (Days to Harvest)
DuPont™ Steward® EC insecticide	Alfalfa caterpillar, alfalfa weevil larvae, beet armyworm, Egyptian alfalfa weevil larvae, granulate cutworm	6.7–11.3 fl oz/A	12	7
	Western yellowstriped armyworm	9.2–11.3 fl oz/A		
DuPont™ Prevathon® insect control	Alfalfa looper, beet armyworm	14–20 fl oz/A	4	0
DuPont™ Lannate® SP insecticide and DuPont™ Lannate® LV insecticide	Pea aphid, lygus bugs, blotch leafminer, aphids, Egyptian alfalfa weevil larvae, loopers, beet armyworm, armyworm, alfalfa caterpillar, fall armyworm, Western yellowstriped armyworm, yellowstriped armyworm	0.5–1 lb/A Lannate® SP (1.5–3.0 pt/A Lannate® LV)	48	7*
	Alfalfa weevil larvae	1 lb/A Lannate® SP (3.0 pt/A Lannate® LV)		
	Variegated cutworm	0.25–1 lb/A Lannate® SP (0.75–3.0 pt/A Lannate® LV)		
* Do not apply Lannate® SP or Lannate® LV within seven days of cutting or allowing livestock to graze.				

Prevathon® may not be approved for use on pasture in all states. See your local DuPont retailer or representative for details and availability in your state. Lannate® LV and Lannate® SP are restricted-use pesticides. This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations. The DuPont Oval Logo, DuPont™, The miracles of science™, Lannate®, Prevathon® and Steward® are trademarks or registered trademarks of DuPont or its affiliates. Copyright © 2012-2013 E.I. du Pont de Nemours and Company. All Rights Reserved. 6/13 Reorder No.: K-26695 (Replaces K-24523-1)