

COTTON - BOLLWORM COTTON, ETC.

General Information

GENERAL DIRECTIONS FOR USE

Initial and residual control are contingent upon thorough crop coverage. Apply with ground or aerial equipment using sufficient water to obtain full coverage of foliage.

Apply in a minimum of 2 gals./A by air or 10 gals./A by ground unless otherwise specified in the label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, HELENA LAMBDA may be applied before, during, or after planting. For soil-incorporated applications, use higher rates for improved control.

Resistance

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area.

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 alternative method of control for your area.

CHEMIGATION

Sprinkler Irrigation Application

Apply HELENA LAMBDA at rates and timing described elsewhere in the label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, (see Tank-Mix Application) rates and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with HELENA LAMBDA applied by chemigation.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of HELENA LAMBDA into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1-0.2 acre-inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of HELENA LAMBDA for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

It is not recommended that HELENA LAMBDA be applied through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Limitations, Restrictions, and Exceptions

- Apply as required by scouting, usually at intervals of 5 - 7 days. Timing and frequency of applications should be based upon insect populations reaching locally-

determined economic thresholds.

- Apply with ground or aerial equipment using sufficient water to obtain full coverage of foliage.
- Applications may also be made with equipment adapted and calibrated for ULV sprays. HELENA LAMBDA may be mixed with once-refined vegetable oil and applied in a minimum of at least 1 qt. of finished spray /A.
- Under light bollworm/budworm infestation levels, 0.02 lb. a.i./A may be applied in conjunction with intense field monitoring.
- For boll weevil control, spray on a 3-5 day schedule.
- When applied according to label directions for control of cotton bollworm and tobacco budworm, HELENA LAMBDA also provides ovicidal control of unhatched Heliothine species eggs.
- Do not graze livestock in treated areas.

Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ammo insecticide, Asana XL insecticide, Baythroid emulsifiable pyrethroid insecticide, Capture insecticide/miticide, Danitol 2.4 EC Spray insecticide/miticide, Decis Insecticide, Fury insecticide, HELENA LAMBDA, Karate Insecticide, Karate Insecticide with Zeon Technology, Mustang insecticide, Scout X-TRA insecticide, Warrior Insecticide with Zeon Technology and Warrior Insecticide.

For Beet Armyworm

For control of the first and second instar only.

For Cotton Aphid, Twospotted Spider Mite, Bandedwing Whitefly and Sweet Potato Whitefly

Suppression only.

For Tobacco Budworm, Beet Armyworm, Cotton Aphid, Bandedwing Whitefly and Sweet Potato Whitefly

See Resistance statement under General Directions for Use.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

21 days

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

24 hours