



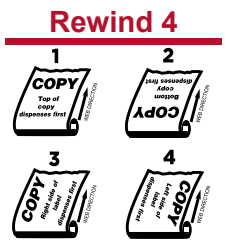
A RESOURCE LABEL GROUP CO.

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147 Seaboard Lane - Franklin, TN 37067 - email artwork to art@resource-label.com

DATE: 10/23/2018
COMPANY: VESTARON CORP
ATTENTION: DANIEL MILLER
DESCRIPTION: LEPROTEC 1GAL ETL
BASE SIZE: 6 X 5.5
BOOK SIZE: 6 X 5 / 12 PG STITCHED BOOKLET

LABELS/OD: 10.00
UPC: NONE
BASE FINISH: LAM
BASE STOCK: CLEAR BOPP
BASE ADHESIVE: S7000
RLG PART #: 12856-553461
ARTIST: TMH/CD



If you have any questions, please contact your Resource Label CSR at 615.661.5900 - Fax 615.661.5950

APPROVED AS IS: Signature of Authorized Customer Representative Date

CHANGES: (Please mark below) Signature of Authorized Customer Representative Date

BOOKLET PLACEMENT SHOWN ON BASE BELOW

LEPROTEC®
FOR OUTDOOR FOOD, NON-FOOD, GREENHOUSE, AND FORESTRY USE
AQUEOUS BIOLOGICAL INSECTICIDE
Active Ingredient: Bacillus thuringiensis ssp. kurstaki strain EVB-113-19
fermentation solids, spores, and insecticidal toxin.....14.49%*
Other Ingredients:.....85.51%
TOTAL:.....100.00%
*Potency: 17,500 Cabbage Looper Units (CLU) per mg of product (equivalent to 76 billion CLU per gallon of product)
The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.
KEEP OUT OF REACH OF CHILDREN
CAUTION
See back panel for additional Precautionary Statements.
FIRST AID
If on skin or clothing:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.
If in eyes:
• Hold eye open, and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER - Have the product container or label with you when calling a poison control center or doctor or when going for treatment. You may contact your local poison control center at 1-800-222-1222 for emergency and medical information. For information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378. Open from 8:00AM to 12:00PM Pacific Time, Mon-Fri.
Distributed by: Vestaron Corporation
4717 Campus Drive
Kalamazoo, MI 49008
vestaron.com
EPA Registration No.: 89046-12-88847
EPA Establishment No.: 89046-CAN-2
Use this product within 18 months of the date of manufacture.
Date of Manufacture: _____
Lot number: _____
NET CONTENTS: 1 GALLON (128 FL OZ)

LEPROTEC®

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FOR OUTDOOR FOOD, NON-FOOD, GREENHOUSE, AND FORESTRY USE

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See back panel for additional Precautionary Statements.

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4717 Campus Drive
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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate respirator with any R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)[4-6]], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards:

For terrestrial uses, except when applying aerially over the forest canopy: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

This product must not be applied aerially within ¼ mile of any habitats of threatened or endangered Lepidoptera. No manual applications can be made within 300 feet of any threatened or endangered Lepidoptera.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

USE INFORMATION

Leprotec is a water-based formulation that may be applied undiluted or diluted with water. Dilute with minimal quantities of water to improve coverage. The amount of water needed per acre will depend upon crop size, weather, spray equipment, and local experience.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the grower/treatment coordinator are responsible for considering all of these factors when making decisions.

Make applications early in the morning, in the evening, or during overcast conditions for best results. Make sure to apply the product when there is little or no wind. Do not make early morning application if foliage is wet with dew to the point of runoff. Do not make applications when significant rainfall is imminent. Leprotec is more effective when rain is not forecasted within 24-48 hours following application. Dry weather will allow larvae to ingest a lethal quantity of spray deposits.

MIXING

Add the specified amount of Leprotec to the required amount of water in the spray tank. Agitate as necessary to maintain suspension.

DO NOT store spray mixture in spray equipment for more than 18 hours.

APPLICATION INSTRUCTIONS (OTHER THAN FORESTRY AND LAWN APPLICATIONS)

Leprotec is toxic to select species of Lepidopteran larvae. Leprotec must be ingested by susceptible larvae to be effective. Thorough coverage of target foliage where larvae are feeding is essential. **Treat larvae when they are newly hatched and actively feeding.** After ingestion, larvae cease feeding within a few hours and death occurs in 2-5 days.

Apply at first signs of infestation when larvae are small. Repeat applications, according to economic threshold, as necessary to maintain control. Thorough coverage of all foliage is essential. To improve wetting and distribution on difficult to wet foliage (e.g. crucifers), the addition of a wetting agent is recommended.

Leprotec may be applied up to and on the day of harvest.

Ground Application:

Use specified amount of Leprotec in a minimum of 31.25 gallons of water per acre, depending on the type of equipment and crop. This minimum can be lower with ultra-low volume sprayers. Use diluted spray mixtures within an 18-hour period.

Aerial Application:

Apply undiluted Leprotec with aerial equipment. Dilute with minimal quantities of water only when required to improve deposit. In the Western U.S., use a normal minimum of 5-10 gallons of water per acre; in the Eastern U.S., use a normal minimum of 2-3 gallons of water per acre. Best results can be expected when Leprotec is applied to dry foliage with calibrated aircraft capable of obtaining droplet sizes above 50 U.S. mesh (below 300 microns) and preferably in the range of 270-100 U.S. mesh (50-150 microns).

To dilute, fill the mix tank or plane hopper with the desired quantity of water. Start the mechanical or hydraulic agitation to provide moderate circulation before adding Leprotec. Add the specified amount of Leprotec to the tank or plane hopper and agitate until uniformly suspended. Continuous mixing is not necessary when using undiluted product.

FOR AGRICULTURAL USES:

CROP	TARGET PESTS	RATE OF Leprotec (PINT/ACRE)
NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY)		
Crop group 18 Alfalfa and Other Nongrass Animal Feeds	Armyworm ¹	1.0-3.5
	Alfalfa Caterpillar Loopers • European Skipper (Essex Skipper) • Loopers	1.0-2.0
FRUITS AND NUTS		
Crop groups 11 and 12 Pome and Stone Fruits such as: Apples, Pears, Quince, Prunes, Apricots, Cherries, Nectarines, Peaches, Plums	Pandemis Leafroller ² • European Grapevine Moth ¹ • Hickory Shuckworm	0.8-3.1
	Citrus Cutworm • Navel Orangeworm • Redhumped Caterpillar • Tent Caterpillar • Omnivorous Leafroller ² • Tortrix Moth • Cankerworm • Peach Twig Borer • Fruittree Leafroller ² • Gypsy Moth • Tufted Apple Budmoth • Fall Webworm • Variegated Leafroller ² • Redbanded Leafroller ² • Walnut Caterpillar • Codling Moth • Cutworms • Filbert Leafroller ² • Oblique Banded Leafroller ² • Cankerworms • Fruitworms ²	1.0-3.5
Crop group 14 Nut Trees such as: Almonds, Filberts, Chestnuts, Walnuts, Pecans	Winter Moth (Apples only)	0.4
Crop group 10-10 Citrus Fruits such as: Oranges, Lemons, Limes, Grapefruit	Orangedog	0.5-2.0
	Fruittree Leafroller ² • Citrus Cutworm	1.0-3.5
	Amorbia ³	2.0-2.5
Crop group 13-07 Small Fruits and Berries such as: Blackberries, Currants, Grapes, Raspberries, Strawberries, Cranberries (Except Highbush Blueberries and Kiwifruit)	Gypsy Moth • Blueberry Leafroller ² • Loopers • Fruittree Leafroller ² • Grape Berry Moth ⁴ • Oblique Banded Leafroller ² • Achema Sphinx Moth (Hornworm)	1.0-2.0
	Green and Brown Spanworm	0.4-0.8
	Bagworms ⁵	1.5
	White Marked Tussock Moth ⁴	2.2
	Pandemis Leafroller ²	1.0-3.5
	Tobacco Budworm	3.5
	Cherry Fruitworm ² Green Fruitworm ²	0.5-1.0
	Grape Leafroller ² • Grapeleaf Skeletonizer • Omnivorous Leafroller ² Orange Tortrix • Saltmarsh Caterpillar	1.0-2.5
	Grape Leafroller • Roughskinned Cutworm	0.8-1.5
Lowbush Blueberries ⁸	Blueberry Spanworm (<i>Itame argillacearia</i>) • Chainspotted Geometer (<i>Cingilia catenaria</i>) • Rannoch Looper (<i>Itame brunneata</i>)	0.4-0.8
Highbush Blueberries ⁹	Cranberry Fruitworm ² • Cherry Fruitworm ²	0.8-1.5
OTHER FRUITS		
Bananas	Banana Skipper	1.0-2.0

CROP	TARGET PESTS	RATE OF Leprotec (PINT/ACRE)
Crop group 24 Tropical and Subtropical Fruits (Inedible Peel) such as: Sugar Apples, Dragon Fruit, Lychee, Passionfruit, Prickly Pear (Except Avocados)	Hornworms • Leafrollers ² • Loopers • Omnivorous Looper	1.0-3.5
Kiwifruit	Omnivorous Leafroller ²	1.0-3.5
Pineapple	<i>Batrachedra comosae</i> (Hodges) • <i>Thecla basilides</i> (Geyr)	0.5-1.0
VEGETABLES AND COLE CROPS		
Crop group 1 Root & Tuber Vegetables Crop group 2 Leaves of Root & Tuber Vegetables such as: Beets, Carrots, Horseradish, Radish, Potatoes, Sweet Potatoes, Turnips, Sugar Beets	Diamondback Moth • Imported Cabbageworm • Green Cloverworm	0.50-2.00
	Hornworms	0.25-2.00
	Cutworms • Loopers • Webworms • Saltmarsh Caterpillar • Omnivorous Leafroller ²	1.00-2.00
	Armyworm ¹	1.00-3.50
	European Corn Borer	2.00-2.50
	Alfalfa Caterpillar	0.25-0.50
Crop group 3-07 Bulb Vegetable such as: Garlic, Leeks, Onions, Shallots	Saltmarsh Caterpillar • Omnivorous Leafroller ² • Cutworms • Webworms	1.00-2.00
	Hornworms	0.25-2.00
	Leek Moth ¹⁰	0.80-1.50
	Imported Cabbageworm • Green Cloverworm • Loopers	0.50-2.00
	Armyworm ¹	1.0-3.5
	Diamondback Moth	0.50-1.00
	European Corn Borer	2.00-2.50
	Corn Earworm • Cotton Bollworm • Tomato Fruitworm (<i>Helicoverpa zea</i>) ¹² • Tobacco Budworm (<i>Heliothis virescens</i>)	2.00
Crop group 8-10 Fruiting Vegetables such as: Eggplant, Peppers, Tomatoes	Imported Cabbageworm Loopers • Diamondback Moth • Green Cloverworm	0.50-2.00
	Hornworms	0.25-2.00
	Cutworms • Loopers • Webworms • Saltmarsh Caterpillar • Tomato Fruitworm (<i>Helicoverpa zea</i>) ¹² • Omnivorous Leafroller ²	1.00-2.00
	Armyworm ¹	1.00-3.50
	European Corn Borer ¹¹	2.00-2.50
	Pinworm	1.50-3.50

CROP	TARGET PESTS	RATE OF Leprotec (PINT/ACRE)
Crop group 6 Legume Vegetables	Diamondback Moth • Loopers	0.50-2.0
	Hornworms	0.25-1.00
Crop Group 7 Foliage of Legume Vegetable such as: Lentils, Peas, Beans, Soybeans	Podworms • Imported Cabbageworm • Green Cloverworm • Saltmarsh Caterpillar • Soybean Loopers • Velvetbean Caterpillar	1.00-2.00
	Armyworm ¹	1.00-3.50
	European Corn Borer ¹	2.00-2.50
	Cutworm	1.00-2.50
Crop group 5 Brassica (Cole) Leafy Vegetable such as: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kohlrabi	Hornworms	0.25-2.00
	Webworms • Loopers • Cutworms • Saltmarsh Caterpillar • Omnivorous Leafroller ²	1.00-2.00
	Diamondback Moth • Imported Cabbageworm • Green Cloverworm	0.50-2.00
	Armyworm ¹	1.00-3.50
Crop group 9 Cucurbit Vegetables such as: Cucumbers, Melons, Pumpkins, Squash, Watermelon	Imported Cabbageworm • Green Cloverworm • Diamondback Moth	0.50-2.00
	Loopers • Saltmarsh Caterpillar • Melonworm • Pickleworm • Rindworm Complex	
	Armyworm ¹	1.00-3.50
	European Corn Borer	2.00-2.50
	Hornworms	0.25-1.00
OTHER VEGETABLES		
Artichokes	Artichoke Plume Moth • Armyworm ¹	1.00-2.50
	Loopers	0.50-2.50
Asparagus	Armyworm ¹	1.00-3.50
	Diamondback Moth • Green Cloverworm • Imported Cabbageworm	0.50-1.00
	Loopers	0.50-2.00
Malanga	Armyworm ¹	1.00-3.50
	Saltmarsh Caterpillar	1.00-2.00
Watercress	Loopers • Diamondback Moth	0.50-1.70
	Armyworm ¹	1.00-3.50
	Green Cloverworm • Imported Cabbageworm	0.50-1.00
	Saltmarsh Caterpillar	1.00-2.00
	European Corn Borer	2.00-2.50

CROP	TARGET PESTS	RATE OF Leprotec (PINT/ACRE)
HERBS, SPICES, MINTS		
Crop group 19 Herbs & Spices such as: Basil, Dill, Oregano, Thyme Peppermint	Loopers ¹³	0.50-2.00
	Diamondback Moth • Green Cloverworm • Imported Cabbageworm	0.50-1.00
	Armyworm ¹	1.00-3.50
	European Corn Borer	2.00-2.50
	Saltmarsh Caterpillar	0.80-1.50
OTHER CROPS		
Avocados	Loopers	2.00-2.50
	Orange Tortrix • Omnivorous Leafroller ² • Omnivorous Looper • Spanworm • Amorbia ³	1.00-3.50
	Cutworms	1.00-2.50
Rice	Armyworm ¹	1.00-3.50
	Loopers • Saltmarsh Caterpillar	1.00-2.00
	Green Cloverworm • Velvetbean Caterpillar	0.50-1.00
	Corn Earworm • Cotton Bollworm (<i>Helicoverpa zea</i>) ¹² • Tobacco Budworm (<i>Heliothis virescens</i>)	2.00
Cotton	Cotton Leaf Perforator • Cotton Leafworm • Saltmarsh Caterpillar • Loopers	1.0-2.0
	Armyworm ¹ • Cotton Bollworm ¹⁵ • Tobacco Budworm ¹⁵	1.0-3.5
Canola/Rape Seed	Diamondback Moth	0.50-1.00
	Loopers	1.00-2.00
	Armyworm ¹ • Corn Earworm • Cotton Bollworm (<i>Helicoverpa zea</i>) ¹² • Tobacco Budworm (<i>Heliothis virescens</i>)	1.00-3.50
Crop group 15 Cereal Grains such as: Barley, Millet, Oats, Rye, Wheat	Armyworm ¹	1.00-3.50
	Loopers	1.00-2.00
Corn such as: Field, Sweet, Popcorn	Armyworm ¹	1.00-3.50
	European Corn Borer (Wharf Stage Only)	1.00-2.50
	Southwestern Corn Borer	2.00-2.50
Hops	Armyworm ¹	1.00-3.50
	Loopers	0.50-2.00
	Omnivorous Leaflier • Spotted Cutworm • Oblique Banded Leafroller ²	1.00-2.00
Jojoba	Loopers (<i>Anacampptodes spp.</i>)	1.00-2.00

CROP	TARGET PEST	RATE OF Leptotec (PINT/ACRE)
Peanuts	Green Cloverworm • Loopers • Velvetbean Caterpillar • Podworms	1.00-2.00
	Corn Earworm • Cotton Bollworm (<i>Helicoverpa zea</i>) ¹² • Tobacco Budworm (<i>Heliothis virescens</i>)	2.00
Persimmons, Pomegranate	Fall Webworm • Filbert Webworm • Omnivorous Leafroller ² • Redhumped Caterpillar • Tent Caterpillar	1.00-2.00
	Citrus Cutworm	1.00-2.50
Safflower	Armyworm ¹	1.00-3.50
	Loopers • Saltmarsh Caterpillar	1.00-2.00
Sorghum	Headworm	1.00-2.00
Sunflowers	Headmoth ¹⁴ • Loopers	1.00-2.00
Tobacco	Tobacco Hornworm	0.25-1.00
	Loopers	0.50-2.00
	Tobacco Budworm ³	2.00
FLOWERS, BEDDING PLANTS AND ORNAMENTALS		
Ornamentals, Flowers, Bedding Plants	Armyworm ¹	1.00-3.50
	White Marked Tussock Moth	2.20
	Azalea Moth • Diamondback Moth • Elio Moth (Hornworm) • Io Moth • Loopers • Oleander Moth • Omnivorous Leafroller ² • Omnivorous Looper • Tobacco Budworm	0.50-1.00
GREENHOUSE AND OUTDOOR NURSERY CROPS		
Ornamental Plants, Flowers, Brassica (Cole) Leafy Vegetables (Crop group 5) (e.g., Broccoli), Fruiting Vegetables (Crop group 8-10) (e.g., Peppers), Herbs & Spices (Crop group 19) (e.g., Basil)	Tomato Hornworm	0.50-1.00
	Omnivorous Leafroller ²	1.00
	<i>Duponchelia fovealis</i> • <i>Opogona sacchari</i>	0.90
	Armyworm ¹ • Corn Earworm • Cotton Bollworm • Tomato Fruitworm (<i>Helicoverpa zea</i>) ¹² • Tobacco Budworm (<i>Heliothis virescens</i>)	1.00-3.50
	Loopers	1.00-2.00

¹**Armyworm Control:** Use Leptotec to control small armyworms (1st and 2nd instar) when populations are light and full coverage sprays are applied. Repeat treatment as necessary. If mature larvae or heavy populations are present, achieve greater control by adding a contact insecticide.

²**Leafrollers and Fruitworms:** Apply at pink stage and, if populations are heavy, at petal fall using an airblast orchard sprayer. For high volume sprayers, add specified volume of Leptotec to water at ratio between 1:50 to 1:500. Weekly applications may be necessary if egg hatch is asynchronous. **Leafrollers in small fruits and berries:** Treat when larvae are young (early instar) before crop is damaged. Repeat applications at an interval sufficient to maintain control, usually 3 – 14 days. **Spray volume:** Apply in a minimum of 31.25 gallons of water per acre; higher spray volumes may be used for berry crops with larger plant stature.

³**Suppression Only:** Use to aid in control of light to moderate populations of 1st and 2nd instar in Integrated Pest Management conditions. Repeat treatments at four- to five-day intervals. Use an additional ovicidal or larvicidal insecticide to aid in control.

⁴Grape Berry Moth: Start applications before egg hatch and after seeing adult flight. Ensure complete coverage. Repeat application if needed every 7 to 10 days (6 total applications maximum per growing season).

⁵Grape Bagworms: Make one application when larvae are observed feeding on grapes.

⁶White Marked Tussock Moth: Make 2 applications. Apply the first application at peak 2nd instar larval development. Apply second application 2 – 5 days later.

⁷Grape Leafrollers: Repeat application if needed every 3 to 14 days (4 total applications maximum per growing season).

⁸Lowbush Blueberries: Apply in a minimum of 31.25 gallons of water per acre. Apply when larvae in the 1st or 2nd instar are present at or above the economic threshold.

⁹Highbush Blueberries: Apply Leprotec by adjusting the application rate within this range, as a function of the density of larvae or the density of the foliage to treat, i.e., when crop canopy is dense in late summer, the higher rate may be required. Allow 5-10 days between applications. Monitor for the pests and apply at hatching, when larvae are small. Apply from petal fall to green fruit stage. Weekly applications may be necessary if egg hatch is asynchronous. **Ground application by boom sprayer or mist blower:** Use a minimum of 31.25 gallons of water per acre. Leprotec is more effective when no rain occurs within 24-48 hours after application, allowing time for larvae to ingest a lethal quantity of spray deposits.

¹⁰Leek Moth (Shallots): The use of pheromone traps on the site of treatment is critical to application timing. Since application is targeted at the larval stages, a period of 7-10 days following peak flight helps to ensure maximal egg hatch.

¹¹European Corn Borer: Beans: Apply 2.0-2.5 pints of Leprotec per acre. Adjust the dosage per acre within this range as a function of the density of the foliage to treat, i.e., when crop canopy is dense in late summer, the higher dosage may be required. Allow 5-10 days between applications. **Timing:** Monitor for the pest and apply at hatching, before larvae bore into the plant tissues. **Peppers:** Apply to young larvae at first signs of infestation; repeat application 2- 4 times as necessary to maintain control of young larvae; application interval is 7-10 days.

¹²Helicoverpa zea: Apply every 5-7 days based on pest monitoring.

¹³Herbs and Spices Loopers: Adjust the dosage per acre as a function of the density of larvae or the density of the foliage to be treated. When crop canopy is dense in late summer, a higher dosage may be required. Allow 5-10 days between applications. Do not make more than 5 applications per growing season. Use diluted spray mixture within 12-hour period. Adjust timing by monitoring target pests to apply at hatching, when larvae are small.

¹⁴Sunflower Moth: Apply aerially when 20-50% heads in bloom. Thorough coverage of larval feeding sites within flowers is necessary for adequate control.

¹⁵For early season management, begin applications at pinhead square cotton stage when eggs are present. Time applications to coincide with egg hatch. Apply at 5-day intervals based on pest monitoring. Continue applications of Leprotec throughout the season, as needed. If additional activity is required, increase rates of Leprotec and/or tank mix with other larvicides. Before mixing Leprotec, evaluate physical compatibility by mixing all components in a small container in appropriate quantities. Use and mix this product with other pesticides only in accordance with the most restrictive labeling limitations and precautions. Do not mix this product with any product containing label prohibition against such mixing. Do not exceed label dosage rates.

FORESTRY APPLICATION INSTRUCTIONS

Consult with recognized forest pest management authorities or a Vestaron Corporation representative regarding appropriate timing and method of application. The timing and number of applications required for effective forest protection will depend upon the target pest, target foliage development, pest pressure and larval activity. Correspond applications with sufficient foliage development (shoot elongation or leaf expansion) to ensure maximum spray deposit. To the extent possible, apply treatments after egg hatch has been completed to assure that the maximum number of larvae is present during the treatment period. In conditions where egg hatch is extended and/or larval development is significantly advanced and/or larval populations are high, use of higher rates and/or additional applications, 3-10 days apart, is recommended. See dose rate table for pest-specific application instructions.

Ground Application: Dilute required amount of Leprotec with water only to the volume required to provide thorough coverage. Do not wet foliage to the point of excessive runoff.

For mist blower applications, add Leprotect to water at a ratio of 1:20 to 1:50. Use a maximum of 10.7 gallons of spray mixture per acre.

For high volume hydraulic sprayers, add Leprotect to water at a ratio of 1:50 to 1:500. Use a maximum of 107 gallons of spray mixture per acre.

Aerial Application: Apply only by fixed-wing or rotary aircraft equipment that has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific.

Apply only at the rate specified for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application by using appropriate marking devices and/or electronic guidance equipment.

Undiluted applications are highly recommended for most labeled pests. To improve coverage, Leprotect may be diluted with water and applied at the rates indicated in the dose rates table. Total volume of spray material to be applied per acre depends upon the target pest, target foliage, weather, spray equipment and droplet size. Best results are expected when Leprotect is applied undiluted to dry foliage with well calibrated aircraft and appropriate spray systems capable of delivering droplets in the range of 500-170 U.S. mesh (30-80 microns) for coniferous foliage and 270-100 U.S. mesh (50-150 microns) for broadleaf foliage.

FOR NON-AGRICULTURAL USES: Not for use on trees or shrubs being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

CROP	TARGET PEST	RATE OF Leprotect (PINT/ACRE) ¹
FORESTS, SHADE TREES, ORNAMENTAL TREES, SHRUBS, SUGAR MAPLE TREES		
Forests, Shade Trees, Ornamental Trees (e.g., Fruit, Nut, & Citrus), Shrubs, Sugar Maple Trees	Gypsy Moth ²	1.3-2.2
	Bagworm • Jackpine Budworm • Elm Spanworm • Fall Spanworm • Eastern Spruce Budworm ³	0.9-1.3
	Eastern & Western Hemlock • Western Spruce Budworm ³	1.3-1.7
	Spruce Budworm ³ • Browntail Moth • Douglas Fir Tussock Moth • Coneworm • Buck Moth	0.8-3.2
	Satin Moth • Tussock Moths	2.2
	Pine Butterfly • Loopers • Orangestriped Oakworm • Blackheaded Budworm • Saddleback Caterpillar • Leafrollers • Tortrix Moth • Mimosa Webworm	0.6-1.7
	Tent Caterpillar	0.5-0.9
	Forest Tent Caterpillar • Greenstriped Mapleworm	0.4-1.2
	Redhumped Caterpillar • Spring & Fall Cankerworm • California Oakworm • Fall Webworm • Eastern Tent Caterpillar	0.5-0.9
	Oakmoth Larvae	0.8-1.5

¹Use the higher rates on advanced larval stages or under high density larval populations.

²**Gypsy Moths:** In treating infested trees and shrubs in urban, rural, and semi-rural areas, exposure of non-target vegetation including, but not limited to, native and ornamental species and food or feed crops is permitted. This product can be mixed and used with other pesticides only in accordance with the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing. Do not exceed label dosage rates. Apply first application when larvae are in 2nd and 3rd instar and leaf expansion reaches 40-50%. If egg hatch is extended or re-infestation occurs, 2 or more applications, 7-10 days apart, may be required. Use higher rates for heavy infestations.

³Spruce Budworms: Treat prior to 5th instar larval development, when bud flush/shoot development is sufficient to ensure good deposit on emerging needles. For heavy infestations, higher rates and a second application are recommended. In mountainous terrain, higher rates and volumes may be required to ensure adequate coverage. For forest stands with a high spruce component in addition to fir, a second application may be necessary, after the spruce buds have opened.

FOR AGRICULTURAL USES: For use on trees or shrubs being grown for sale or other commercial use, such as for commercial seed production or research purposes.

CROP	TARGET PEST	RATE OF Leprotec (PINT/ACRE) ¹
FORESTS, SHADE TREES, ORNAMENTAL TREES, SHRUBS, SUGAR MAPLE TREES		
Forests, Shade Trees, Ornamental Trees (e.g., Fruit, Nut, & Citrus), Shrubs, Sugar Maple Trees	Gypsy Moth ²	1.3-2.2
	Bagworm • Jackpine Budworm • Elm Spanworm • Fall Spanworm • Eastern Spruce Budworm ³	0.9-1.3
	Eastern & Western Hemlock • Western Spruce Budworm ³	1.3-1.7
	Spruce Budworm ³ • Browntail Moth • Douglas Fir Tussock Moth • Coneworm • Buck Moth	0.8-3.2
	Satin Moth • Tussock Moths	2.2
	Pine Butterfly • Loopers • Orangestriped Oakworm • Blackheaded Budworm • Saddle Prominent • Saddleback Caterpillar • Leafrollers • Tortrix Moth • Mimosa Webworm	0.6-1.7
	Tent Caterpillar	0.5-0.9
	Forest Tent Caterpillar • Greenstriped Mapleworm	0.4-1.2
	Redhumped Caterpillar • Spring & Fall Cankerworm • California Oakworm • Fall Webworm • Eastern Tent Caterpillar	0.5-0.9
Oakmoth Larvae	0.8-1.5	

¹Use the higher rates on advanced larval stages or under high density larval populations.

²Gypsy Moths: In treating infested trees and shrubs in urban, rural, and semi-rural areas, exposure of non-target vegetation including, but not limited to, native and ornamental species and food or feed crops is permitted. This product can be mixed and used with other pesticides only in accordance with the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing. Do not exceed label dosage rates. Apply first application when larvae are in 2nd and 3rd instar and leaf expansion reaches 40-50%. If egg hatch is extended or re-infestation occurs, 2 or more applications, 7-10 days apart, may be required. Use higher rates for heavy infestations.

³Spruce Budworms: Treat prior to 5th instar larval development, when bud flush/shoot development is sufficient to ensure good deposit on emerging needles. For heavy infestations, higher rates and a second application are recommended. In mountainous terrain, higher rates and volumes may be required to ensure adequate coverage. For forest stands with a high spruce component in addition to fir, a second application may be necessary, after the spruce buds have opened.

Other Pest: Apply after egg hatch is complete, when early instar larvae are feeding on exposed foliage. For broadleaf foliage, apply when leaf expansion reaches 40-50%. For coniferous foliage, apply when bud flush/shoot development is sufficient to ensure good deposit. If egg hatch is extended or larval populations are high, higher rates and/or additional applications, 3-10 days apart, may be required.

LAWN APPLICATION INSTRUCTIONS

Not for use on turf being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

For applications that will use irrigation, use 50 to 100 gallons of spray volume per acre of turf. The treated area must be irrigated after application (1/8 inch of water) to increase penetration of turf surface. If irrigation is not possible, use a spray volume of 200 gallons per acre of turf. Best results are obtained if applications are made in the evening.

CROP	TARGET PEST	RATE OF Leprotec (PINT/ACRE)
LAWNS	Cutworm	3.0
	Armyworm • Sod Webworm • Tropical Sod Webworm	1.5-3.0

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store Leprotec in the original container between 39°F (4°C) and 68°F (20°C) to ensure microbial purity and potency. Use product within 18 months of the date of manufacture. Store container upright and keep tightly closed when not in use. After extended storage, shake or stir contents to assure a uniform suspension.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. User assumes all risks of use, storage or handling not in accordance with accompanying directions.



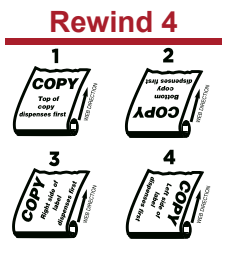
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147 Seaboard Lane - Franklin, TN 37067 - email artwork to art@resource-label.com

DATE: 10/23/2018
COMPANY: VESTARON CORP
ATTENTION: DANIEL MILLER
DESCRIPTION: LEPROTEC 1GAL ETL
BASE SIZE: 6 X 5.5
BASE SHAPE: RCR
BOOK SIZE: 6 X 5 / 12 PG STITCHED BOOKLET

LABELS/OD: 10.00
UPC: NONE
BASE FINISH: LAM
BASE STOCK: CLEAR BOPP
BASE ADHESIVE: S7000
RLG PART #: 12856-553461
ARTIST: TMH/CD



If you have any questions, please contact your Resource Label CSR at 615.661.5900 - Fax 615.661.5950

APPROVED AS IS: Signature of Authorized Customer Representative Date

CHANGES: (Please mark below) Signature of Authorized Customer Representative Date

BASE SHOWN BELOW



FOR OUTDOOR FOOD, NON-FOOD, GREENHOUSE, AND FORESTRY USE

AQUEOUS BIOLOGICAL INSECTICIDE

Active Ingredient: Bacillus thuringiensis ssp. kurstaki strain EVB-113-19 fermentation solids, spores, and insecticidal toxin... 14.49%*
Other Ingredients: ... 85.51%
TOTAL: ... 100.00%

*Potency: 17,500 Cabbage Looper Units (CLU) per mg of product (equivalent to 76 billion CLU per gallon of product)
The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

See attached booklet for additional Precautionary Statements, Directions for Use, and Warranty.

Table with 2 columns: Category (If on skin or clothing, If in eyes) and Description (First Aid instructions)

HOTLINE NUMBER - Have the product container or label with you when calling a poison control center or doctor or when going for treatment. You may contact your local poison control center at 1-800-222-1222 for emergency and medical information. For information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378. Open from 8:00AM to 12:00PM Pacific Time, Mon-Fri.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals - CAUTION. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective eyewear and waterproof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Table with 2 columns: Category (Pesticide Storage, Pesticide Disposal, Container Handling) and Description (Storage and disposal instructions)

Distributed by: Vestaron Corporation
4717 Campus Drive
Kalamazoo, MI 49008
vestaron.com

EPA Registration No.: 89046-12-88847 | EPA Establishment No.: 89046-CAN-2
Use this product within 18 months of the date of manufacture.
Date of Manufacture:
Lot number:
NET CONTENTS: 1 GALLON (128 FL OZ)