



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 19, 2018

Matthew Feinberg  
Authorized Agent to Vestaron Corporation  
Exponent, Inc.  
1150 Connecticut Avenue, Suite 1100  
Washington, D.C. 20036

Subject: Pesticide Registration Improvement Act (PRIA) Labeling and Formulation Amendment – To Remove Skin Sensitization and Other Precautionary Language, Decrease the Restricted-entry Interval, Add Use Sites/Patterns that Exist on the EPA Reg. No. 88847-2 Label (Including Field Use Sites), Modify the Standard Certified Limits for the Active Ingredient Concentration on the Basic Confidential Statement of Formula (CSF), and Make Other Revisions to the Labeling and Basic CSF  
Product Name: VST-006340 LC  
EPA Registration Number: 88847-6  
Application Date: March 15, 2018  
OPP Decision Number: 539962

Dear Mr. Feinberg:

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

The alternate brand names Spear Liquid Concentrate, Spear T 4 Liquid Concentrate, and Spear-Lep have been added to the registration, and our records have been updated accordingly. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 09/19/2018

Any CSFs other than that listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may

distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 § CFR 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Susanne Cerrelli by phone at (703) 308-8077 or via email at cerrelli.susanne@epa.gov.

Sincerely,



Jeannine Kausch, Product Manager 92  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

{Note: Text in curly brackets indicates optional text.}  
[Note: Text in square brackets is a note to the reviewer.]

GROUP UN INSECTICIDE

# VST-006340 LC

Biological Insecticide/Miticide

## MASTER LABEL, containing:

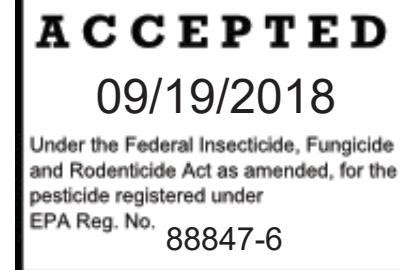
### Sublabel A: Greenhouse and Field Use

### Sublabel B: Greenhouse and Field Use in tank Mixes with Bts

### Optional Label Claims for All Labels

#### Alternate Brand Names:

“Spear® T Liquid Concentrate”  
“Spear® T Low Volume”  
“Spear® O Liquid Concentrate”  
“Spear® Liquid Concentrate”  
“Spear® T 4 Liquid Concentrate”  
“Spear®-Lep”



Active Ingredient: GS-omega/kappa-Hxtx-Hv1a ..... 2.0%  
Other Ingredients: ..... 98.0%  
Total: ..... 100.0%

EPA Reg. No.: 88847-6

EPA Est. No.: XXXXX-XX-XX

Net Contents: XX

(Batch)(Lot) No: XXXX

{Produced for:}

{Manufactured {for}{by}:} Vestaron Corporation  
4717 Campus Drive, Ste. 1200  
Kalamazoo, MI 49008  
vestaron.com

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

## **{Sublabel A: Greenhouse and Field Use}**

[Note: The following information will be presented as a booklet on the front of the product container. Page 1 and 2 are the primary display panel of the booklet.]

**GROUP UN INSECTICIDE**

# **VST-006340 LC**

## **Biological Insecticide/Miticide**

{Biological-Miticide}

{Total greenhouse advantage}

{}{For Use Against} {Controls} Thrip{s} in Greenhouses}

{}{For Use Against} {Controls}{whiteflies}{Two-spotted Spider Mites}{and}{Aphids} in Greenhouses}

{Control of the top four major greenhouse pests: thrips, whiteflies, spider mites and aphids}

{Biological insecticide for Greenhouse Thrips/whiteflies/Two-spotted Spider mites/Broad mites/aphids/spotted wing drosophila}

{For greenhouse {Thrips}{whiteflies}{Two-spotted spider mites}{Broad mites}{and} {Aphids} management}

{}{For use against} {Controls} Thrips, whiteflies, two-spotted spider mites, broad mites and aphids on leafy vegetables except brassica (group 4) in the field}

{}{For Use Against} {Controls} Spotted wing drosophila on berries and cherries and Against Asian Citrus Psyllid on citrus fruits in the field}

{Labeled for use on food and non-food crops, ornamental flowers}

{Works with all types of foggers}

**Active Ingredient:** GS-omega/kappa-Hxtx-Hv1a ..... 2.0%

**Other Ingredients:** ..... 98.0%

**Total:** ..... 100.0%

{NOTICE: Read the entire label. Use only according to label instructions. Before using the product, read TERMS AND CONDITIONS OF USE, WARRANTY DISCLAIMER, INHERENT RISKS OF USE and LIMITATION OF REMEDIES at the end of the label instructions. If such terms are unacceptable, return the unopened package at once to Vestaron Corporation.}

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See back panel for Precautionary Statements, First Aid, and Storage and Disposal

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOTLINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 {and 1-352-323-3500 for International} for emergency medical treatment information.	

**EPA Reg. No.:** 88847-6

**Net Contents:** XX

{Made in Italy}{Made in USA}

**EPA Est. No.:** XXXXX-XX-XXX

**{Batch}{Lot} No:** XXXX

**{Produced for:}**

**{Manufactured {for}{by}:}**

Vestaron Corporation  
4717 Campus Drive, Ste. 1200  
Kalamazoo, MI 49008  
vestaron.com

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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 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.

### Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

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

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

### 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: 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.

### 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 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.

{Note: Text in curly brackets indicates optional text.}

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### **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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

Do not enter or allow workers to enter the treated greenhouse or enclosed space until the ventilation requirements in 40 CFR 170.405(b)(3) have been met and the Restricted Entry Interval (REI) of 4 hours has expired. Until then, only handlers wearing the appropriate personal protective equipment can enter the greenhouse or enclosed space.

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
- Protective eyewear

## **PRODUCT INFORMATION**

VST-006340 LC is a biological insecticide and miticide containing the active ingredient GS-omega/kappa-Hxtx-Hv1a for use on ornamental plants, and edible crops against thrips, two-spotted spider mites, whiteflies, broad mites, aphids, spotted wing drosophila and Asian citrus psyllid. VST-006340 LC functions primarily as a central nervous system inhibitor of target pests infesting labeled crops. VST-006340 LC is mixed with water and applied as a foliar spray {with ground equipment equipped with fine nozzles to minimize droplet size}.

{VST-006340 LC {can be used in} {is designed for} greenhouse {field} {use}.}

## **USE INSTRUCTIONS**

VST-006340 LC is a highly selective insecticide for use against the listed insect and mite pest. Close scouting and early attention to infestations is highly recommended. Proper timing of application targeting newly hatched larvae is important for optimal results. {VST-006340 LC is not effective on the egg stage.}

Thorough coverage of infested plant parts is necessary. VST-006340 LC does not have systemic activity.

Repeat applications at 3-10 day intervals depending upon plant growth rate, pest activity, and other factors.

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Tank mix with contact insecticides/miticides to enhance performance. Refer to tank mix section.

VST-006340 LC has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

**{Integrated Pest Management (IPM):}**

VST-006340 LC is an important tool in sound pest management whenever pesticide use is necessary. Apply VST-006340 LC alone or in combination and / or rotation with chemical insecticides. This will result in reduced susceptibility to insect damage and overall reduction in the use of chemical insecticides. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.}

**Preharvest interval – agricultural use:**

VST-006340 LC can be applied up to and including the day of harvest.

## **APPLICATION INSTRUCTIONS**

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

## **GREENHOUSE USE DIRECTIONS**

Make applications with high pressure, low volume or ultra-low volume (thermal and non-thermal foggers) misters, aerosol generators or hydraulic boom sprayers. Preferred method of application is fogging since smaller droplet sizes are most effective. Use fine or very fine nozzles and preferably apply high pressure if hydraulic sprayer is used. VST-006340 LC is a contact kill material so direct contact with the pest is essential for optimum performance. Mix 1 part (e.g. 1 quart {1 liter}) of VST-006340 LC (2.0% active ingredient) with 3 parts (e.g. 3 quarts {3 liters}) of water to make 4 quarts {4 liters} of 0.5% active ingredient spray solution. Use this spray solution (0.5% active ingredient) in the spray equipment for application without further dilution with water. Do not use more water to improve coverage. To determine the volume of spray solution (0.5% active ingredient spray solution) needed to cover the crop area for treatment follow the instructions given in the user manual of the model of fogger being used, up to 1 quart {1liter} of 0.5% active ingredient spray solution per 1000 square feet. For optimal efficacy in killing aphids and spotted wing drosophila, add a surfactant to the 0.5% active ingredient spray solution prior to high pressure spray application. Use a “blended organosilicate and a non-ionic surfactant” for aphids and a non-ionic surfactant for spotted wing drosophila. Please refer to the tank mixing section.

## **FIELD USE DIRECTIONS FOR FRUITS (Berries, cherries and citrus):**

Use high pressure for application of the spray solution. Mix 2.5 gallons of VST-006340 LC with 7.5 gallons of water and apply the total 10 gallons mixture (spray solution) per acre. For optimal efficacy in killing spotted wing drosophila on berries and cherries, add a non-ionic surfactant to the spray solution prior to high pressure spray application. For enhanced performance against Asian citrus psyllid on citrus fruits add an alcohol ethoxylated surfactant to the spray solution prior to high pressure spray application. Use very fine (VF) rated nozzles to create a fine spray mist. Not for aerial application. Spray at 7-day intervals.

**USE RESTRICTION: Do not apply more than 10 gallons VST-006340 LC per acre per year.**

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**Tank mixing:**

Do not combine VST-006340 LC in the spray tank with other pesticides, surfactants, adjuvants, or fertilizers if there has been no previous experience or use of the combination to show it is physically compatible, effective, and non-injurious under your use conditions. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Specific surfactants required for aphids, spotted winged drosophila and Asian citrus psyllid have been listed under usage direction. Add the recommended dosage of surfactants advised in the respective surfactant labels to the diluted VST-006340 LC spray solution (0.5% active ingredient spray solution) and mix thoroughly by agitation to prepare the spray solution for application.

{VST-006340 LC is not compatible with strong oxidizers, such as chlorine, that can degrade the product. Chlorine level typically found in potable water supplies should not present a problem with VST-006340 LC performance}.

To ensure compatibility of tank-mix combinations, they must be evaluated prior to use. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thoroughly mixing, let this mixture stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

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## USE VST-006340 LC ON THE FOLLOWING CROPS:

Pre-harvest Interval (PHI) = 0 days

### GREENHOUSE USES

#### 1. Greenhouse Vegetables

Crop	Insect Pest
<b>Vegetable, root and tuber (Group 1)</b>  <b>Such as:</b> Carrot, Potato, Beet, Sugarbeet, Radish	Thrips Two-Spotted Spider Mite Whiteflies Broad Mites Aphids <sup>1</sup>
<b>Vegetable, bulb (Group 3)</b>  <b>Such as:</b> Garlic, Leek, Onion (Green and bulb)	
<b>Vegetable, leafy except brassica (Group 4)</b>  <b>Such as:</b> Lettuce, Spinach, Celery, Endive, Parsley	
<b>Vegetable, brassica leafy (Group 5)</b>  <b>Such as:</b> Broccoli, Cabbage, Mustard Greens, Brussels Sprouts, Kale, Cauliflower, Chinese Cabbage, Collards, Kohlrabi	
<b>Vegetable, Legume (Group 6)</b>  <b>Such as:</b> Bean, Pea, Lentil, Soybean	
<b>Vegetable, fruiting (Group 8)</b>  <b>Such as:</b> Tomato, Pepper, Eggplant	
<b>Vegetable, cucurbit (Group 9)</b>  <b>Such as:</b> Watermelon, Melon, Cucumber, Squash	

<sup>1</sup> Add a "blended organosilicate and non-ionic surfactant" to the spray solution prior to high pressure spray application

#### 2. Greenhouse Flowers and Ornamental Plants

Crop	Insect Pest
Bedding Plants	Thrips
Ornamental Plants	Two-Spotted Spider Mite
Ornamental Flowers	Whiteflies
Cut Flowers	Broad Mites
Container Stock	Aphids <sup>1</sup>

<sup>1</sup> Add a "blended organosilicate and non-ionic surfactant" to the spray solution prior to high pressure spray application

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### 3. Greenhouse Herbs and Mint

Crop	Insect Pest
Such as: Basil, Chive, Cilantro, Dill, Mint, Parsley, Rosemary, Sage, Thyme	Thrips Two-Spotted Spider Mite Whiteflies Aphids <sup>1</sup>

<sup>1</sup> Add a "blended organosilicate and non-ionic surfactant" to the spray solution prior to high pressure spray application

### 4. Greenhouse Fruit

Crop	Insect Pest
<b>Fruit, Citrus (Group 10)</b>  Such as: Orange, Grapefruit, Lemon, Lime	Thrips Two-Spotted Spider Mite Whiteflies Aphids <sup>1</sup>
<b>Fruit, Stone (Group 12)</b>  Such as: Cherry, Plum, Peach, Prune, Nectarine	Spotted Wing Drosophila <sup>2</sup>
<b>Berry group (Group 13)</b>  Such as: Grape, Strawberry, Blackberry, Blueberry, Raspberry	

<sup>1</sup> Add a "blended organosilicate and non-ionic surfactant" to the spray solution prior to high pressure spray application

<sup>2</sup> Add a non-ionic surfactant to the spray solution prior to high pressure spray application

## FIELD USES

### 1. Field Vegetables

Crop	Insect Pest
<b>Vegetable, leafy except brassica (Group 4)</b>  Such as: Lettuce, Spinach, Celery, Endive, Parsley	Thrips Two-Spotted Spider Mite Whiteflies Broad Mites Aphids <sup>1</sup>

<sup>1</sup> Add a "blended organosilicate and non-ionic surfactant" to the spray solution prior to high pressure spray application

{Note: Text in curly brackets indicates optional text.}

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## 2. Field Fruit, Berries, Cherries and Citrus

Crop	Insect Pest
<b>Fruit, Citrus (Group 10)</b>  Such as: Orange, Grapefruit, Lemon, Lime	Asian Citrus Psyllid <sup>3</sup>
<b>Berry group (Group 13)</b>  Such as: Grape, Strawberry, Blackberry, Blueberry, Raspberry	Spotted Wing Drosophila <sup>2</sup>
<b>Fruit, Stone (Group 12)</b>  Such as: Cherry	

<sup>2</sup> Add a non-ionic surfactant to the spray solution prior to high pressure spray application

<sup>3</sup> Add an alcohol ethoxylated surfactant to the spray solution prior to high pressure spray application

### **{TERMS AND CONDITIONS OF USE}**

If the terms of the following WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES are not acceptable, return the unopened package at once to Vestaron Corporation. Otherwise, use of the product will constitute acceptance of the terms under WARRANTY DISCLAIMER, INHERENT RISKS OF USE and LIMITATION OF REMEDIES.}

### **{WARRANTY DISCLAIMER}**

TO THE EXTENT PERMITTED BY APPLICABLE LAW, VESTARON CORPORATION MAKES NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE CONCERNING USE OF THE PRODUCT.}

### **{INHERENT RISKS OF USE}**

It is impossible to eliminate all risks associated with use of the product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use, storage or handling of the product not in accordance with the accompanying label instructions, abnormal conditions, presence of other materials, or other factors, all of which are beyond the control of Vestaron Corporation. All such risks shall be assumed by the user.}

### **{LIMITATION OF REMEDIES}**

To the extent permitted by applicable law, the exclusive remedy for losses or damages resulting from the product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to replacement of the amount of product used. To the extent permitted by applicable law, Vestaron Corporation disclaims any liability for incidental, consequential, exemplary, special or indirect damages resulting from the use, storage or handling of the product.

The terms of the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES **cannot be varied by any written or verbal statements or agreements. No employee or other agent of Vestaron Corporation is authorized to vary or exceed the terms of the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES in any manner. The terms may be varied only by agreement in writing signed by a duly authorized representative of Vestaron Corporation.**}

{Note: Text in curly brackets indicates optional text.}

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[This label reflects the unit package labeling that is affixed to the container.]

# VST-006340 LC

## Biological Insecticide/Miticide

**Active Ingredient:** GS-omega/kappa-Hxtx-Hv1a ..... 2.0%

**Other Ingredients:** ..... 98.0%

**Total:** ..... 100.0%

See attached booklet for additional Precautionary Statements, {and} Directions for Use{, and {Terms and Conditions of Use}{Warranty Disclaimer}{Inherent Risks of Use}{Limitation of Remedies}}

### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If in eyes	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 {and 1-352-323-3500 for International} for emergency medical treatment information.	

EPA Reg. No.: 88847-6

EPA Est. No.: XXXXX-XX-XXX

{Made in Italy}{Made in USA}

Net Contents: XX

{Batch}{Lot} No: XXXX

{Produced for:}

{Manufactured {for}{by}:} Vestaron Corporation  
4717 Campus Drive, Ste. 1200  
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vestaron.com

### 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.

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container at room temperature. Do not allow product to freeze. Keep container closed and away from moisture when not in use.

**Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### Container Handling:

{*For plastic containers less than or equal to 5 gallons:*} Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  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 the 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.

{*For plastic containers greater than 5 gallons:*} Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten enclosures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration.

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## Sublabel B: Greenhouse and Field Use in Tank Mixes with Bts

[Note: The following information will be presented as a booklet on the front of the product container. Pages 13 and 14 are the primary display panel of the booklet.]

GROUP UN INSECTICIDE

# VST-006340 LC

Biological Insecticide

{Control of Lepidopteran pests in fruits, vegetables and other high-value field crops}

{For control of Lepidopterans}

{Extended duration of action}

**Active Ingredient:** GS-omega/kappa-Hxtx-Hv1a ..... 2.0%

**Other Ingredients:** ..... 98.0%

**Total:** ..... 100.0%

{NOTICE: Read the entire label. Use only according to label instructions. Before using the product, read TERMS AND CONDITIONS OF USE, WARRANTY DISCLAIMER, INHERENT RISKS OF USE and LIMITATION OF REMEDIES at the end of the label instructions. If such terms are unacceptable, return the unopened package at once to Vestaron Corporation.}

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See back panel for Precautionary Statements, First Aid, and Storage and Disposal

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOTLINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 {and 1-352-323-3500 for International} for emergency medical treatment information.	

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**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.

**Personal Protective Equipment (PPE):**

Applicators and other handlers must wear:

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

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

### 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: 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.

### 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 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.

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

### **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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

Do not enter or allow workers to enter the treated greenhouse or enclosed space until the ventilation requirements in 40 CFR 170.405(b)(3) have been met and the Restricted Entry Interval (REI) of 4 hours has expired. Until then, only handlers wearing the appropriate personal protective equipment can enter the greenhouse or enclosed space.

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
- Protective eyewear

## **PRODUCT INFORMATION**

Tank mix with *Bacillus thuringiensis* products (Bts) to enhance control.

VST-006340 LC is a biological insecticide containing the active ingredient GS-omega/kappa-Hxtx-Hv1a for use on ornamental plants, and edible crops against Lepidopteron {and Coleopteran} pests. VST-006340 LC functions primarily as a central nervous system inhibitor of target pests infesting labeled crops. In tank mixes with EPA-registered *Bacillus thuringiensis* products (Bts), VST-006340 LC is mixed with water and applied as a foliar spray with ground or aerial equipment equipped for conventional insecticide spraying.

VST-006340 LC tank mixes with Bts can be used in either the field or greenhouse.

## **USE INSTRUCTIONS**

Thorough coverage of infested plant parts is necessary. VST-006340 LC does not have systemic activity. For some crops, directed drop nozzles by ground machine are required.

Under heavy pest populations shorten the spray interval.

Repeat applications at 3-10 day intervals depending upon plant growth rate, pest activity, and other factors.

{Note: Text in curly brackets indicates optional text.}

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For hard-to-wet crops, consider using a spreader/sticker or an adjuvant that has been approved for targeted crop use to enhance the adhesion of VST-006340 LC to the crop. Examples of appropriate spreader/stickers or adjuvants are: 1) vegetable oils, 2) crop oils, 3) alcohol ethoxylates and 4) non-ionic.

VST-006340 LC has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

## GROUND AND AERIAL APPLICATIONS

**USE RESTRICTION: Do not apply more than 6 pints VST-006340 LC per acre per year.**

Apply VST-006340 LC tank mixes in ground and aerial equipment with quantities of water sufficient to provide thorough coverage of infested plant parts. The amount of water needed per acre will depend upon crop development, weather, application equipment, and local experience.

Do not spray when wind speed favors drift beyond the area intended for use.  
Avoiding spray drift is the responsibility of the applicator.

Do not apply this product through any type of irrigation.

### **Mixing directions:**

**Important** – Do not add VST-006340 LC to the mix tank before introducing the desired amount of water. Add water to the mix tank. Start the mechanical or hydraulic agitation to provide moderate circulation before adding VST-006340 LC. Add the desired volume of VST-006340 LC to the mix tank and continue circulation. Do not use more water to improve coverage. **Maintain circulation while loading and spraying.** Do not mix more VST-006340 LC than can be used in 24 hours.

### **Spray volume:**

For conventional air and ground applications, use minimum 5 gallons and maximum 25-50 gallons of total spray volume per acre in water-based sprays.

### **Tank mixing:**

Do not combine VST-006340 LC in the spray tank with other pesticides, surfactants, adjuvants, or fertilizers if there has been no previous experience or use of the combination to show it is physically compatible, effective, or non-injurious under your use conditions. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures.

{VST-006340 LC is not compatible with strong oxidizers, such as chlorine, which can degrade the product. Chlorine level typically found in potable water supplies should not present a problem with VST-006340 LC performance}.

### **Preharvest interval – agricultural use:**

VST-006340 LC can be applied up to and including the day of harvest.

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

**{Integrated Pest Management (IPM):}**

VST-006340 LC is an important tool in sound insect management whenever insecticide use is necessary. Apply VST-006340 LC alone or in combination and/or rotation with chemical insecticides. This will result in reduced susceptibility to insect damage and overall reduction in the use of chemical insecticides. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.}

## **AERIAL DRIFT REDUCTION ADVISORY INFORMATION**

**GENERAL:** Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they should be observed. Note: This section is advisory in nature and does not supersede the mandatory label requirements.

**BOOM WIDTH:** For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3-10 mph as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or crop canopy.

**APPLICATION HEIGHT:** Do not make application at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

**SWATH ADJUSTMENT:** When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

**WIND:** Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

**TEMPERATURE INVERSIONS:** Do not apply during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

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[Note: Text in square brackets is a note to the reviewer.]

**SENSITIVE AREAS:** The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

**APPLICATION RATES FOR VST-006340 LC + BACILLUS THURINGIENSIS IN A TANK MIX ON THE FOLLOWING CROPS:**

**Pre-harvest Interval (PHI) = 0 days**

**I. Vegetable and Cole Crops**

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Vegetable, root and tuber (Group 1)</b>  <b>Such as:</b> Beets, Carrot, Horseradish, Radish, Potato, Sweet Potato, Turnip and Turnip Greens, Sugar beets	Diamondback Moth Imported Cabbageworm Green cloverworm Hornworms Cutworms Loopers Webworms Saltmarsh caterpillar Omnivorous Leafroller Armyworm European Corn borer Alfalfa caterpillar Colorado potato beetle	1.0-2.0
<b>Vegetable, bulb (Group 3)</b>  <b>Such as:</b> Garlic, Leek, Onions, Shallots	Saltmarsh caterpillar Omnivorous Leafroller Cutworms Loopers Webworms Hornworms Leek Moth Imported Cabbageworm Green Cloverworm Loopers Armyworm Diamondback Moth European Corn borer <i>Helicoverpa zea</i> <i>Heliothis virescens</i>	1.0-2.0

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<b>Vegetable, leafy except brassica (Group 4)</b>  <b>Such as:</b> Lettuce, Spinach, Celery, Endive, Parsley	Hornworms Webworms Loopers Cutworms Saltmarsh caterpillar Omnivorous leafroller Diamondback moth Imported Cabbageworm Green cloverworm Armyworm European corn borer	1.0-2.0
<b>Vegetable, brassica leafy (Group 5)</b>  <b>Such as:</b> Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kohlrabi	Hornworms Webworms Loopers Cutworms Saltmarsh caterpillar Omnivorous leafroller Diamondback moth Imported Cabbageworm Green cloverworm Armyworm European corn borer	1.0-2.0
<b>Vegetable, Legume (Group 6)</b>  <b>Such as:</b> Lentils, Peas, Beans, Soybeans	Diamondback moth Looper Hornworms Podworms Imported cabbageworm Green cloverworm Saltmarsh caterpillar Soybean loopers Velvetbean caterpillar Armyworm European corn borer Cutworm	1.0-2.0
<b>Vegetable, fruiting (Group 8)</b>  <b>Such as:</b> Eggplant, Peppers, Tomatoes	Imported Cabbage Worm Diamondback moth Green cloverworm Hornworms Variegated Cutworm Saltmarsh caterpillar Loopers Tomato fruitworm ( <i>Helicoverpa zea</i> ) Cutworms Webworms Omnivorous Leafroller Armyworm Pinworm European corn borer	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

<b>Vegetable, cucurbit (Group 9)</b>  <b>Such as:</b> Cucumbers, melons, pumpkins, squash, watermelon	Diamondback moth Imported Cabbageworm Green Cloverworm Loopers Saltmarsh caterpillar Melonworm Pickleworm Rindworm complex Armyworm European corn borer Hornworms	1.0-2.0
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## II. Other vegetables

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Artichokes</b>	Artichoke Plume moth Armyworm Loopers	1.0-2.0
<b>Asparagus</b>	Armyworm Diamondback moth Green cloverworm Imported cabbageworm Loopers	1.0-2.0
<b>Malagna</b>	Armyworm Saltmarsh caterpillar	1.0-2.0
<b>Watercress</b>	Loopers Diamondback moth Armyworm Green cloverworm Imported Cabbageworm Saltmarsh caterpillar European corn borer	1.0-2.0

## III. Field Crops

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Alfalfa (Hay and seed), Hay and Other Forage Crops</b>	Alfalfa Caterpillar loopers European Skipper (Essex skipper) Loopers Armyworm	1.0-2.0
<b>Cotton</b>	Loopers Cotton leaf perforator Cotton leafworm Saltmarsh caterpillar Armyworm Cotton Bollworm Tobacco Budworm	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Canola/rapeseed</b>	Diamondback moth Loopers Armyworm <i>Heliothis virescens</i> <i>Helicoverpa zea</i>	1.0-2.0
<b>Corn</b>  <b>Such as:</b> Field, Sweet, Popcorn	Armyworm European corn borer (whorl stage only) Southwestern corn borer	1.0-2.0
<b>Hops</b>	Armyworm Loopers Omnivorous Leaftier Spotted cutworm Oblique Banded Leafroller	1.0-2.0
<b>Safflower</b>	Armyworm Loopers Saltmarsh caterpillar	1.0-2.0
<b>Sorghum</b>	Headworm	1.0-2.0
<b>Sunflowers</b>	Headmoth Loopers	1.0-2.0
<b>Small Grains</b>	Armyworm Loopers	1.0-2.0
<b>Rice</b>	Armyworm Loopers Saltmarsh caterpillar Green cloverworm Velvetbean caterpillar <i>Helicoverpa zea</i> <i>Heliothis virescens</i>	1.0-2.0
<b>Peanuts</b>	Green cloverworm Loopers Velvetbean caterpillar Podworms <i>Helicoverpa zea</i> <i>Heliothis virescens</i>	1.0-2.0
<b>Jojoba</b>	Loopers ( <i>Anacamptodes</i> spp.)	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

#### IV. Herbs, Spices and Mints

Crop	Insect Pest	Application Rate (Pint/acre)
Basil	Loopers	1.0-2.0
Dill	Diamondback moth	
Oregano	Green cloverworm	
Thyme	Imported Cabbageworm	
Peppermint	Armyworm	
	European corn borer	
	Saltmarsh caterpillar	

#### V. Fruits and Nut

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Small Fruits and Berries</b>  <b>Such as:</b> Blackberries, Blueberries, Currants, Grapes, Raspberries, Strawberries, Cranberries	Gypsy Moth Blueberry leafroller Loopers Fruittree leafroller Grape berry moth Oblique Banded Leafroller Achemia Sphinx Moth (hornworm) Green and Brown Spanworm Bagworms White marked Tussock Moth Armyworm Tobacco budworm Cherry Fruitworm Green Fruitworm Grape Leafroller Grapeleaf Skeletonizer Omnivorous Leafroller Orange Tortix Saltmarsh Caterpillar Grape Leaffolder Roughskinned cutworm	1.0-2.0
<b>Lowbush blueberries</b>	Blueberry spanworm ( <i>Itame argillacearia</i> ) Chainspotted Geometer ( <i>Cingilia catenaria</i> ) Rannoch Looper ( <i>Itame brunneata</i> )	1.0-2.0
<b>Highbush blueberries</b>	Cranberry Fruitworm Cherry Fruitworm	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Pome and Stone fruits</b>  <b>Such as:</b> Apples, Pears, Quince, Prunes, Apricots, Cherries, Nectarine, Peaches, Plums, Prunes	Pandemis Leafroller European grapevine moth (crymax) Hickory shuckworm Citrus cutworm Navel Oranageworm Redhumped Caterpillar Tent Caterpillar Omnivorous leafroller Tortix Moth Peach twig borer Fruittree leafroller Gypsy moth Tufted Apple Budmoth Fall Webworm Variegated leafroller Redbanded Leafroller Walnut Caterpillar Coding moth Cutworms Filbert Leafroller Oblique Banded Leafroller Cankerworms Fruitworms Winter moth (Apples only)	1.0-2.0
<b>Citrus</b>	Orangedog Fruittree Leafroller Citrus Cutworm Amorbia	1.0-2.0
<b>Bananas</b>	Banana skipper	1.0-2.0
<b>Tropical Fruits</b>	Hornworms Leafrollers Loopers Omnivorous Looper	1.0-2.0
<b>Kiwi</b>	Omnivorous Leafroller	1.0-2.0
<b>Pineapple</b>	Gummos-Batrachedra commosae (Hodges) Thecia-Thecia basilides (Geyr)	1.0-2.0
<b>Avocados</b>	Loopers Orange tortrix Omnivorous Loopers Omnivorous leafroller Spanworm Amorbia Cutworms	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Persimmons, Pomegranate</b>	Fall Webworm Filbert Webworm Omnivorous Leafroller Redhumped Caterpillar Tent Caterpillar Citrus Cutworm	1.0-2.0

## VI. Flowers, Bedding plants and Ornamentals

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Ornamentals, Flowers, Bedding plants</b>	Armyworm White marked Tussock Moth Azalea Moth Diamondback moth Elo moth (Hornworm) Lo Moth Loopers Oleander Moth Omnivorous Leafroller Omnivorous Looper Tobacco Budworm	1.0-2.0

## VII. Greenhouse and Outdoor Nursery Crops

Crop	Insect Pest	Application Rate (Pint/acre)
<b>Ornamental plants, Flowers, Brassicas, Fruiting groups, Vegetable groups, Herbs and Spices, Leafy vegetables</b>	Tomato hornworm Omnivorous Leafroller <i>Duponchelia forvealis</i> <i>Opogona sacchari</i> Armyworm <i>Helicoverpa zea</i> <i>Heliothis virescens</i> Loopers	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

### VIII. Forest, Shade Trees, Ornamentals, Shrubs and Sugar Maple Trees

Crop	Insect Pest	Application Rate (Pint/acre)
Forest, Shade trees, Ornamentals, Shrubs, Sugar Maple Trees, Ornamental Fruit, Nut and Citrus trees	Gypsy moth Bagworm Jackpine Budworm Fall Spanworm Elm Spanworm Eastern Spruce Budworm Eastern and Western Hamlock Western Spruce Budworm Spruce budworm Browntail moth Douglas fir tussock moth Cone worm Buck moth Satin Moth Tussock moths Pine butterfly Loopers Orangestriped oakworm Blackheaded budworm Saddled prominent Saddleback caterpillar Leafrollers Tortrix Moth Mimosa webworm Tent Caterpillar Forest tent Caterpillar Greenstriped mapleworm Redhumped Caterpillar Spring and Fall Cankerworm California Oakworm Fall Webworm Eastern Tent Caterpillar Oakmoth larvae	1.0-2.0

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

#### **{TERMS AND CONDITIONS OF USE}**

If the terms of the following WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES are not acceptable, return the unopened package at once to Vestaron Corporation. Otherwise, use of the product will constitute acceptance of the terms under WARRANTY DISCLAIMER, INHERENT RISKS OF USE and LIMITATION OF REMEDIES.}

#### **{WARRANTY DISCLAIMER}**

TO THE EXTENT PERMITTED BY APPLICABLE LAW, VESTARON CORPORATION MAKES NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE CONCERNING USE OF THE PRODUCT.}

#### **{INHERENT RISKS OF USE}**

It is impossible to eliminate all risks associated with use of the product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use, storage or handling of the product not in accordance with the accompanying label instructions, abnormal conditions, presence of other materials, or other factors, all of which are beyond the control of Vestaron Corporation. All such risks shall be assumed by the user.}

#### **{LIMITATION OF REMEDIES}**

To the extent permitted by applicable law, the exclusive remedy for losses or damages resulting from the product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to replacement of the amount of product used. To the extent permitted by applicable law, Vestaron Corporation disclaims any liability for incidental, consequential, exemplary, special or indirect damages resulting from the use, storage or handling of the product.

The terms of the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES **cannot be varied by any written or verbal statements or agreements. No employee or other agent of Vestaron Corporation is authorized to vary or exceed the terms of the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES in any manner. The terms may be varied only by agreement in writing signed by a duly authorized representative of Vestaron Corporation.**}

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

[This label reflects the unit package labeling affixed to the container.]

# VST-006340 LC

## Biological Insecticide

**Active Ingredient:** GS-omega/kappa-Hxtx-Hv1a ..... 2.0%

**Other Ingredients:** ..... 98.0%

**Total:** ..... 100.0%

See attached booklet for additional Precautionary Statements, {and} Directions for Use{, and {Terms and Conditions of Use}{Warranty Disclaimer}{Inherent Risks of Use}{Limitation of Remedies}}

### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 {and 1-352-323-3500 for International} for emergency medical treatment information.	

EPA Reg. No.: 88847-6

EPA Est. No.: XXXXX-XX-XXX

{Made in Italy}{Made in USA}

Net Contents: XX

{Batch}{Lot} No: XXXX

{Produced for:}

{Manufactured {for}{by}:}

Vestaron Corporation  
4717 Campus Drive, Ste. 1200  
Kalamazoo, MI 49008  
vestaron.com

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

## 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.

**Pesticide Storage:** Store in original container at room temperature. Do not allow product to freeze. Keep container closed and away from moisture when not in use.

**Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

#### Container Handling:

{*For plastic containers less than or equal to 5 gallons:*} Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  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 the 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.

{*For plastic containers greater than 5 gallons:*} Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten enclosures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration.

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

## Optional Label Claims for All Labels

{For Greenhouse Use}

{Not for residential use}

{Requires dilution with water prior to application - see booklet for instructions}

{Spear® is a registered trademark of Vestaron Corporation}

{Vestaron name and logo are registered trademarks of Vestaron Corporation}

{Biological Insecticide}

{Biological Pesticide}

{Biological Miticide}

{Biological Insecticide and Pesticide}

{Biological Insecticide and Miticide}

{Biological Pesticide and Miticide}

{Biological Peptide Insecticide}

{Biological Peptide Pesticide}

{Biological Peptide Miticide}

{Biological Peptide Insecticide and Pesticide}

{Biological Peptide Insecticide and Miticide}

{Biological Peptide Pesticide and Miticide}

{(Novel) {Unique} class of pesticides}

{Known mode of action}

{Novel} {Unique} mode of action}

{No cross-resistance to existing products}

{No cross-resistance to Spinosad}

{Peptide-based pesticide}

{For use with ornamentals}

{Liquid concentrate - easy to mix}

{No noxious odor}

{Storable at room temperature}

{Zero-day pre-harvest interval}

{For pre-harvest use}

{Can be sprayed just prior to harvest}

{Compatible with many commonly used surfactants}

{Can be applied while flowering}

{Allowed for use over open bloom}

{Compatibility with integrated pest management practices}

{Manufactured by fermentation}

{Contains no live organisms}

{Contains no organisms}

{Effective in lower water volume sprays}

{Note: Text in curly brackets indicates optional text.}

[Note: Text in square brackets is a note to the reviewer.]

{Distributed by:



OHP, Inc  
P. O. Box 51230  
Mainland, PA 19451}

{Distributed by:



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430 Davis Drive, Suite 240  
Morrisville, NC 27650}