



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 18, 2024

Shannon Cooley  
Regulatory Specialist  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507

Subject: Label Amendment – Revise DFU and remove lawns and turf in residential settings for Lambda-cyhalothrin Registration Review  
Product Name: Lambda 0.5% Concentrate  
EPA Registration Number: 53883-197  
Application Date: 12/7/2022, 11/22/2022  
Case Number: 473158, 471494, 561863

Dear Shannon Cooley:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the 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 12 months from the date of this letter. After 12 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.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Lambda-cyhalothrin Final and/or Interim Decision, and has concluded that your submission is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements

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 Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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

If you have any questions, please contact Elizabeth Andrews at 202-566-2467 or at [Andrews.Elizabeth@epa.gov](mailto:Andrews.Elizabeth@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Campbell". The signature is written in a cursive, somewhat stylized font.

Scott Campbell, Acting Product Manager 03  
Invertebrate and Vertebrate Branch I  
Registration Division (7505T)  
Office of Pesticide Programs

Enclosure

**Sub-label A: Concentrate Packaging**

<b>LAMBDA-CYHALOTHRIN</b>	<b>GROUP 3A</b>	<b>INSECTICIDE</b>
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**LAMBDA 0.5% CONCENTRATE**

[alt. name Martin's Cyonara™ Home & Garden Insect Control]  
 [alt. name Martin's Cyonara™ Home & Garden Insect Control Ready To Spray]

For outdoor use around the home only.

**Active Ingredient:**

Lambda-cyhalothrin .....	0.5%
Other Ingredients: .....	99.5%
Total: .....	100.0%

Contains 0.04 lbs. Lambda-cyhalothrin per gallon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See attached [back panel] booklet for additional precautionary statements. **OR**  
 Open for Precautionary Statements, First Aid and Complete Directions for Use.]

EPA Reg. No. 53883-197

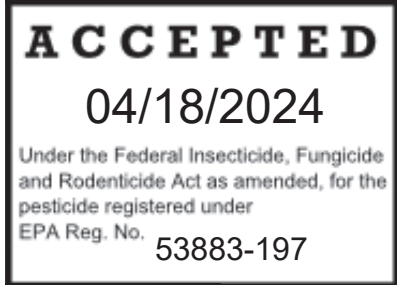
EPA Est. No. \_\_\_\_\_

Net Contents \_\_\_\_\_

**PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.



<b>First Aid</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>Call a Poison Control Center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a Poison Control Center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<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>
You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

## DIRECTIONS FOR USE

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

## RESTRICTIONS

- Do not apply as a broadcast application using a backpack sprayer on landscaping and turf.
- Do not apply to residential lawns and turf in residential settings (e.g. homes, parks, schools, athletic fields, or any other area frequented by the general public).
- Treat surfaces to ensure thorough coverage but avoid runoff.
- To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.
- Do not allow children or pets into the treated area until dry.
- Do not apply when the wind speed is greater than 10mph.
- Do not treat pets with this product.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
  2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
  3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  4. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
  5. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.

- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

**In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.**

#### **READ THE ENTIRE LABEL BEFORE USE.**

#### **PRODUCT INFORMATION**

Lambda 0.5% Concentrate kills ants, fleas, chinch bugs, centipedes, mosquitoes, fire ants, spiders and other listed insects.

#### **MIXING AND APPLICATION**

1. Apply as directed.
2. In a CLEAN sprayer, measure and mix the amount of product and water as stated in the tables below.
3. When handling pesticide products, wear chemical resistant gloves made of barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride (PVC)  $\geq$  14 mils, and viton  $\geq$  14 mils. Do not use kitchen utensils such as measuring cups and spoons for food purposes after they have been used with pesticides.
4. Spray as directed to achieve complete coverage.
5. Flush sprayer with clean water following each use.

Treat when insects begin to appear and repeat treatment to maintain control only as directed. Apply as directed, keeping in mind that complete coverage is crucial. Make certain to follow the important use limitations such as, the amount of spray to apply and the PHI (Pre-Harvest Interval) for the particular vegetable you are treating.

#### **MEASUREMENT CONVERSIONS**

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 teaspoons or 2 tablespoons

6 fl. oz. =  $\frac{3}{4}$  cup

1  $\frac{1}{2}$  tablespoons in 3 gallons of water = 1  $\frac{1}{2}$  teaspoons in 1 gallon of water

2 tablespoons in 3 gallons of water = 2 teaspoons in 1 gallon of water

**NOTE:** This product is non-staining to most home siding depending on age and cleanliness. Prior to applying this product to areas that may contact home siding (vinyl siding in particular), test in a hidden area and recheck in a few hours. If any staining is observed, do not use this product.

#### **PESTS OUTSIDE THE HOME**

Lambda 0.5% Concentrate is for use on ornamental plants next to building foundations and to perimeters and surfaces of buildings.

**BARRIER APPLICATION INSTRUCTIONS:** Treat when insects begin to appear and repeat treatment to maintain control as directed. Apply a continuous band of insecticide around the foundation of the building up to a maximum height of 2 ft to significantly decrease possible access by crawling pests. For optimum results, remove any leaf litter and debris around the foundation. Cut back any branches or vegetation that come into contact with the foundation. Rake back deep mulch and remove any other material that may serve as harborage sites for pests.

### Outdoor Surfaces Use

Pests	Rate	Comments
Ants*(except for fire, pharaoh, harvester and carpenter ants) Centipedes Cockroaches Crickets Fleas Kudzu bugs Millipedes Mosquitoes Palmetto bugs Scorpions Sowbugs Pillbugs Spiders Waterbugs	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water to treat 250 sq. ft.	Apply a 3 ft. band around the building and upwards along the foundation to 2 feet . Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active.  1 gallon will treat 250 sq. ft. of surface area.  Repeat treatment every 8 weeks (2 months) at the 2 fl. oz. per 1,000 sq. ft. rate as needed.

\*Argentine, Southern, Field, Allegheny mound, Florida carpenter, , Cornfield, Honey, Pavement, Nuisance, Odorous, Pyramid, Black turf, White-footed, Crazy, Little Black, Ghost, Thief, Acrobat, Citronella, Big-headed, Lasius.

#### Restrictions:

- Do not apply more than 2 fl. oz (0.00063 lbs. Lambda-cyhalothrin) per 1,000 sq. ft. per application.
- Do not make more than 14 applications per year per location.

#### FIRE ANT MOUNDS

Mix 1.0 fl. oz. (2 tablespoons) in 1 gallon of water and thoroughly wet each mound and a 4 ft. diameter surrounding the mound. To achieve optimum results, treat in cool weather (65°-80°F), or in the early morning or late evening hours. Apply to new mounds as they appear and do not disrupt mounds before treatment. Kills the entire mound and the queen in 24 hours.

#### [MOSQUITO CONTROL:

**Application Instructions:** Measure the area to be sprayed and follow the mixing instructions in the tables below. Treat when insects begin to appear and repeat treatment to maintain control as directed. Apply as directed, keeping in mind that complete coverage is crucial.

**Outdoor Surfaces:** ornamental plants next to building foundations, buildings, screens. Mix 0.5 oz (1 tablespoon) in 1 gallon of water. Apply up to a 7 ft. band around the building and upwards along the foundation to 2 feet . Thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active. One gallon treats 250 square feet. Repeat treatments every 8 weeks (2 months).]

## ORNAMENTAL TREES, SHRUBS AND FLOWERS

**APPLICATION INSTRUCTIONS:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects are present. For optimum results, apply early prior to high insect populations. Repeat applications as directed to maintain control.

#### NOTE:

- For **Scale** control, treat the whole plant, including the stem, trunks, and twigs.
- For **Bagworm** control, apply when bagworm larvae start to hatch.

Use Sites	Rate	Insects Controlled
For use on ornamental trees, shrubs and flowers: Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemums, Carnations, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.	Mix 0.25 fl. oz. (1/2 tablespoon) in 1 gallon of water to treat 250 sq. ft.	Ants*, Armyworms, Aphids <sup>o</sup> , Azalea caterpillar, Bagworms, Black vine weevil (Adult), California oakworm, Boxelder bugs, Budworms, Cankerworms, Cicadas, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetles (Adults), June beetles (Adults), Lace bugs, Ladybeetles, Leaf feeding caterpillars, Leafhoppers, Leafminers (Adults), Leaf rollers, Leaf skeletonizers, Kudzu bugs, Midges, Moths, Oleander moth larvae, Pillbug, Pine sawfly, Pine shoot beetles, Pinetip moths, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae
	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water to treat 250 sq. ft..	Broadmites, Brown softscale, California redscale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies
* Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance, , Odorous, Pyramid, Black turf, White-footed, Crazy, Little Black, Ghost, Thief, Acrobat, Citronella, Big-headed, Lasius.		

**Restrictions:**

- Do not apply more than 4 fl. oz (0.00063 lbs. Lambda-cyhalothrin) per 1,000 sq. ft. per application.
- Do not make more than 14 applications per year per location at 2 fl. oz per 1,000 sq. ft. rate.
- Do not make more than 7 applications per year per location at 4 fl. oz per 1,000 sq. ft. rate.

**VEGETABLES**

**APPLICATION INSTRUCTIONS:** Apply when insects first appear or when damage occurs. For complete coverage, spray all plant surfaces that are infested with pests. Follow the important use limitations such as, the amount of spray to apply and the PHI (Pre-Harvest Interval) for the particular vegetable you are treating.

**RATE:** Measure the area to be sprayed. Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water per 300 sq. ft.

Vegetables	Insects Controlled	PHI*
Broccoli Brussels Sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard Kohlrabi	Alfalfa Looper, Aphid, Armyworm, Beet Armyworm, Cabbage Looper, Cabbage Webworm, Corn Earworm, Cutworm, Diamondback Moth, Fall Armyworm, Flea Beetle, Grasshopper, Imported Cabbageworm, Japanese Beetle (Adult), Leafhopper, Lygus Bug, Meadow Spittlebug, Plant Bug, Southern Cabbageworm, Spider Mite, Stink Bug, Thrips, Yellow-striped Armyworm, Whitefly	1
Corn (sweet and pop)	Armyworm, Bean Leaf Beetle, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Corn Earworm, Corn Leaf Aphid, Cutworm, English Grain Aphid, European Corn Borer, Grasshopper, Green Bug, Green Cloverworm, Hop Vine Borer, Japanese Beetle (Adult), Meadow Spittlebug, Mexican Corn Rootworm Beetle (Adult), Northern Corn Rootworm Beetle (Adult), Sap Beetle (Adult), Southern Corn Rootworm Beetle (Adult), Southwestern Corn Borer, Stalk Borer, Stink Bug, Tobacco Budworm, Western Bean Cutworm, Western Corn Rootworm Beetle (Adult)	21
Corn (sweet only)	Aphid, Aster Leafhopper, Corn Silkfly (Adult), Southern Armyworm, Spider Mite, Tarnished Plant Bug, Western Bean Cutworm	21
Lettuce (head and leaf)	Aphid, Alfalfa Looper, Armyworm, Beet Armyworm, Cabbage Looper, Corn Earworm, Cutworm, Diamondback Moth, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshopper, Green Cloverworm, Imported Cabbageworm, Japanese Beetle (Adult), Leafhopper, Meadow Spittlebug, Plant Bug, Saltmarsh Caterpillar, Southern Armyworm, Spider Mite, Stink Bug, Tobacco Budworm, Vegetable Weevil (Adult), Whitefly	1
Onion (bulb) and Garlic	Aphid, Armyworm, Cutworm, Flower Thrips, Leafminer (Adult), Onion Maggot (Adult), Onion Thrips, Plant Bug, Seedcorn Maggot (Adult), Stink Bug, Tobacco Thrips, Western Flower Thrips	14
Tomato and Tomatillo	Aphid, Beet Armyworm, Cabbage Looper, Colorado Potato Beetle, Cutworm spp., European Corn Borer, Fall Armyworm, Flea Beetle, Grasshopper, Hornworm, Leafhopper, Leafminer, Meadow Spittlebug, Plant Bug, Southern Armyworm, Stink Bug, Tobacco Budworm, Tomato Fruitworm, Tomato Pinworm, Yellow-striped Armyworm, Whitefly	5

\* PHI = Pre-Harvest Interval. Number of days to wait between the last application and harvest.

**Restrictions:**

- Do not apply more than 1.67 fl. oz (0.00053 lbs. Lambda-cyhalothrin) per 1,000 sq. ft. per application.
- Do not make more than 9 applicatoins per year per location.
- Do not make more than 5 applications per year per location for corn.



## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in cool, dry area away from children and domestic animals.

**CONTAINER HANDLING: If empty:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available: then dispose of container in a sanitary landfill. **If partly filled:** Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

## LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

**IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT** in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.

Control Solutions, Inc.  
5903 Genoa-Red Bluff Road  
Pasadena, TX 77507-1041

**SUB-LABEL B: Hose-End Sprayer Packaging**

<b>LAMBDA-CYHALOTHRIN</b>	<b>GROUP 3A</b>	<b>INSECTICIDE</b>
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**LAMBDA 0.5% CONCENTRATE**

[alt. name Martin's Cyonara™ Home & Garden Insect Control]  
 [alt. name Martin's Cyonara™ Home & Garden Insect Control Ready To Spray]

For outdoor use around the home only.

**Active Ingredient:**

Lambda-cyhalothrin .....	0.5%
Other Ingredients: .....	99.5%
Total: .....	100.0%

Contains 0.04 lbs. Lambda-cyhalothrin per gallon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See attached [back panel] booklet for additional precautionary statements. **OR**  
 Open for Precautionary Statements, First Aid and Complete Directions for Use.]

EPA Reg. No. 53883-197

EPA Est. No.

**Net Contents \_\_\_\_\_**

**PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

<b>First Aid</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a Poison Control Center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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>
You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

## **DIRECTIONS FOR USE**

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

## **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

## **PRODUCT INFORMATION**

This product provides control against listed backyard nuisance pests: mosquitoes, ants, cockroaches, fleas, [and other listed pests]. Simply connect to hose and spray for 8 weeks protection.

## **RESTRICTIONS**

- Do not apply as a broadcast application using a backpack sprayer on landscaping and turf.
- Do not apply to residential lawns and turf in residential settings (e.g. homes, parks, schools, athletic fields, or any other area frequented by the general public.
- Treat surfaces to ensure thorough coverage but avoid runoff.
- To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.
- Do not allow children or pets into the treated area until dry.
- Do not apply when the wind speed is greater than 10mph. Do not apply to residential lawns and turf in residential settings (e.g. homes, parks, schools, athletic fields, or any other area frequented by the general public.
- Do not allow children or pets into the treated area until dry.
- Do not treat pets with this product.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
  2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
  3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  4. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
  5. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.

Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

**In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.**

### APPLICATION INSTRUCTIONS

Determine the area to be treated. For trees, shrubs and flowers, apply as a thorough cover spray. Treat when insects begin to appear and repeat treatment to maintain control only as directed. Apply as directed, keeping in mind that complete coverage is crucial. Follow the important use limitations such as, the amount of spray to apply and the PHI (Pre-Harvest Interval) for the particular vegetable you are treating.

- One quart (32 oz.) (0.01 lbs. Lambda-cyhalothrin) to treat up to 8,000-16,000 sq. ft.
- Do not make more than 7 applications per year per location at the one quart (32 oz.) per 8,000 sq. ft. rate
- Do not make more than 14 applications per year per location at the one quart (32 oz.) per 16,000 sq. ft. rate

### Ready Spray Nozzle Instructions

1. Shake container well before use.
2. Connect the Ready to Spray nozzle to a hose, making sure that the dial on the nozzle is in the "OFF" position with the (green) safety tab in the valve notch.
3. Turn on water. Begin treatment on the furthest area and work back toward the faucet so that you do not come in contact with treated areas.
4. To START spraying, direct nozzle toward treatment area and bend the (green) safety tab back (located at the right of the yellow dial) and hold while turning the yellow dial counter clockwise until it stops. Water will automatically mix with the product.
5. Spray desired area until wet to control insect pests. Evenly spray the area by walking at a steady pace and sweep evenly, slightly overlapping treated areas.
6. To STOP spraying, turn the dial counter clockwise **quickly** until it stops and the safety tab engages into the notch on the valve. Turn the water off. To ease pressure before removing nozzle from the hose, bend the safety tab back and dial "ON" until water stops spraying.
7. Make sure the dial is in the "OFF" position with (green) safety tab in the valve notch to store unused product. Keep in a cool area away from heat, sunlight or open flame.

### SPECIFIC USE DIRECTIONS

<b>How to Use the Ready to Spray</b>	<ul style="list-style-type: none"> <li>• [Connect ] [Hose]</li> <li>• [1.]Shake Well.</li> <li>• [2.] Make sure control lever is in the OFF position. Attach to hose.</li> <li>• [3.] Turn on water. Extend hose to furthest place around perimeter or in garden, so you can work backwards and limit exposure to spray.</li> <li>• [Spray] [Apply mix]</li> </ul>
--------------------------------------	--

	<ul style="list-style-type: none"> <li>• [1.] Aim towards direction of application and away from you.</li> <li>• [2.] Turn control lever to ON to begin spraying.</li> <li>• [3.] Spray evenly and as directed for specified type of treatment area.] [ Garden ] [ trees][shrubs][flowers][perimeter]</li> <li>• [Finish] [Stop] [Store]</li> <li>• [1.] When finished turn control lever to OFF.</li> <li>• [2.] Turn faucet OFF. Discharge residual water pressure by turning control lever ON and OFF again.</li> <li>• [3.] Disconnect Sprayer and Store / Discard as instructed.</li> </ul>
<b>APPLICATION INSTRUCTIONS</b>	<ul style="list-style-type: none"> <li>• Apply where insects are expected to appear or when insects or damage are seen. Repeat as necessary according to site-specific directions listed below.</li> <li>• Apply in calm weather.</li> <li>• Begin spraying at the farthest point of the treatment area and work backward to avoid contact with wet treated surfaces.</li> <li>• Spray thoroughly to wet plant surfaces up to the point of runoff.</li> <li>• Sprays must be dry in treated areas before people or pets re-enter.</li> <li>• Do not apply to trees taller than 10 feet. Consider hiring a licensed professional.</li> <li>• Follow the important use limitations such as, the amount of spray to apply and the PHI (Pre-Harvest Interval) for the particular vegetable you are treating.</li> <li>• Keep in a cool area away from heat, sunlight or open flame.</li> </ul>

{**NOTE TO REVIEWER:** Table above is optional and if used, will replace the text directly above. Final label will only contain either the box or the text above the box.}

**NOTE:** This product is non-staining to most home siding depending on age and cleanliness. Prior to applying this product to areas that may contact home siding (vinyl siding in particular), test in a hidden area and recheck in a few hours. If any staining is observed, do not use this product.

## PESTS OUTSIDE THE HOME

Lambda 0.5% Concentrate is for use on ornamental plants next to building foundations, to surfaces of buildings and screens.

**BARRIER APPLICATION INSTRUCTIONS:** Treat when insects begin to appear and repeat treatment to maintain control as directed. Apply a continuous band of insecticide around the foundation of the building and to a maximum height of 2 ft. to significantly decrease possible access by crawling pests. For optimum results, remove any leaf litter and debris around the foundation. Cut back any branches or vegetation that come into contact with the foundation. Rake back deep mulch and remove any other material that may serve as harborage sites for pests.

### Outdoor Surfaces Use

Pests	Comments
Ants*(excluding fire, pharaoh, harvester, and carpenter ants) Centipedes Cockroaches Crickets Fleas Millipedes	Apply a 3 ft. band around the building and upwards along the foundation to 2 feet. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active.  32 ounces (1 bottle) treats 16,000 sq. ft.  Repeat treatment every 8 weeks (2 months).

Mosquitoes Palmetto bugs Scorpions Sowbugs Pillbugs Spiders Waterbugs	
*Argentine, Southern, Field, Allegheny mound, Florida carpenter, , Conrfield, Honey, Pavement, Nuisance,odorous, pyramid, black turf, white-footed, Crazy, Little Black, Ghost, Thief, Acrobat, Citronella, Big-headed, Lasius.	

**Restrictions:**

- Do not make more than 14 applications per year per location at the 1 quart (32 fl. oz.) per 16,000 sq. ft. rate.

**FIRE ANT MOUNDS**

Thoroughly wet each mound and a 4 ft. diameter surrounding the mound. To achieve optimum results, treat in cool weather (65°-80°F), or in the early morning or late evening hours. Apply to new mounds as they appear and do not disrupt mounds before treatment. Kills the entire mound and the queen in 24 hours.

- **Restrictions:**Do not make more than 14 applications per year per location at the one quart (32 oz.) per 16,000 sq. ft. rate

**[MOSQUITO CONTROL:**

**Application Instructions:** Measure the area to be sprayed. Treat when insects begin to appear and repeat treatment to maintain control as directed. Apply as directed, keeping in mind that complete coverage is crucial.

**Restrictions:**

- Do not make more than 14 applications per year per location at the one quart (32 oz.) per 16,000 sq. ft. rate

**Outdoor Surfaces:** ornamental plants next to building foundations, buildings, screens. Apply a 3 ft. band around the building and upwards along the foundation to 2 feet. Thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active. Repeat treatments every 8 weeks (2 months).]

**ORNAMENTAL TREES, SHRUBS AND FLOWERS**

**APPLICATION INSTRUCTIONS:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects are present. Penetrate dense foliage. Wet leaves and branches to the point of runoff. For optimum results, apply early prior to high insect populations. Repeat applications as directed to maintain control.

**NOTE:**

- For **Scale** control, treat the whole plant, including the stem, trunks, and twigs.
- For **Bagworm** control, apply when bagworm larvae start to hatch.

Use Sites	Insects Controlled
For use on ornamental trees, shrubs and flowers including:	Ants*(excluding fire, pharaoh, harvester and carpenter) , Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevil (Adult),

<p>Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemums, Carnations, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.</p>	<p>California oakworm, Boxelder bugs, Budworms, Cankerworms, Cicadas, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetles (Adults), June beetles (Adults), Lace bugs, Ladybeetles, Leaf feeding caterpillars, Leafhoppers, Leafminers (Adults), Leaf rollers, Leaf skeletonizers, Kudzu bugs, Midges, Moths, Oleander moth larvae, Pillbug, Pine sawfly, Pine shoot beetles, Pinetip moths, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae</p>
<p>* Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance, Odorous, Pyramid, Black turf, White-footed, Crazy, Little Black, Ghost, Thief, Acrobat, Citronella, Big-headed, , Lasius.</p>	<p>Broadmites, Brown softscale, California redscale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies</p>

**Restrictions:**

- One quart (32 oz.) (0.01 lbs. Lambda-cyhalothrin) to treat up to 8,000-16,000 sq. ft.
- Do not make more than 7 applications per year per location at the one quart (32 oz.) per 8,000 sq. ft. rate
- Do not make more than 14 applications per year per location at the one quart (32 oz.) per 16,000 sq. ft. rate

**VEGETABLES**

**APPLICATION INSTRUCTIONS:** Apply when insects first appear or when damage occurs. For complete coverage, spray all plant surfaces that are infested with pests and penetrate dense foliage. Make certain to follow the important use limitations such as, the amount of spray to apply and the PHI (Pre-Harvest Interval) for the particular vegetable you are treating.

Vegetables	Insects Controlled	PHI*
<p>Broccoli Brussels Sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard Kohlrabi</p>	<p>Alfalfa Looper, Aphid, Armyworm, Beet Armyworm, Cabbage Looper, Cabbage Webworm, Corn Earworm, Cutworm, Diamondback Moth, Fall Armyworm, Flea Beetle, Grasshopper, Imported Cabbageworm, Japanese Beetle (Adult), Leafhopper, Lygus Bug, Meadow Spittlebug, Plant Bug, Southern Cabbageworm, Spider Mite, Stink Bug, Thrips, Yellow-striped Armyworm, Whitefly</p>	<p>1</p>

Corn (sweet and pop)	Armyworm, Bean Leaf Beetle, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Corn Earworm, Corn Leaf Aphid, Cutworm, English Grain Aphid, European Corn Borer, Grasshopper, Green Bug, Green Cloverworm, Hop Vine Borer, Japanese Beetle (Adult), Meadow Spittlebug, Mexican Corn Rootworm Beetle (Adult), Northern Corn Rootworm Beetle (Adult), Sap Beetle (Adult), Southern Corn Rootworm Beetle (Adult), Southwestern Corn Borer, Stalk Borer, Stink Bug, Tobacco Budworm, Western Bean Cutworm, Western Corn Rootworm Beetle (Adult)	21
Corn (sweet only)	Aphid, Aster Leafhopper, Corn Silkfly (Adult), Southern Armyworm, Spider Mite, Tarnished Plant Bug, Western Bean Cutworm	21
Lettuce (head and leaf)	Aphid, Alfalfa Looper, Armyworm, Beet Armyworm, Cabbage Looper, Corn Earworm, Cutworm, Diamondback Moth, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshopper, Green Cloverworm, Imported Cabbageworm, Japanese Beetle (Adult), Leafhopper, Meadow Spittlebug, Plant Bug, Saltmarsh Caterpillar, Southern Armyworm, Spider Mite, Stink Bug, Tobacco Budworm, Vegetable Weevil (Adult), Whitefly	1
Onion (bulb) and Garlic	Aphid, Armyworm, Cutworm, Flower Thrips, Leafminer (Adult), Onion Maggot (Adult), Onion Thrips, Plant Bug, Seedcorn Maggot (Adult), Stink Bug, Tobacco Thrips, Western Flower Thrips	14
Tomato and Tomatillo	Aphid, Beet Armyworm, Cabbage Looper, Colorado Potato Beetle, Cutworm spp., European Corn Borer, Fall Armyworm, Flea Beetle, Grasshopper, Hornworm, Leafhopper, Leafminer, Meadow Spittlebug, Plant Bug, Southern Armyworm, Stink Bug, Tobacco Budworm, Tomato Fruitworm, Tomato Pinworm, Yellow-striped Armyworm, Whitefly	5
* PHI = Pre-Harvest Interval. Number of days to wait between the last application and harvest.]		

**Restrictions:**

- One quart (32 oz.) (0.01 lbs. Lambda-cyhalothrin) to treat up to 16,000 sq. ft.
- Do not make more than 9 applications per year per location for vegetable treatment
- Do not make more than 5 applicatoins per year per location for corn

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in cool, dry area away from children and domestic animals.

**CONTAINER HANDLING: If empty:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available: then dispose of container in a sanitary landfill. **If partly filled:** Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

**LIMITATION OF WARRANTY AND LIABILITY**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended



consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

**IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT** in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.

Control Solutions, Inc.  
5903 Genoa-Red Bluff Road  
Pasadena, TX 77507-1041

**[Optional Marketing Statements- Applicable to Both Sub-Labels]**

- [Protects Vegetables, Roses, Flowers, Trees, Shrubs.]
- [Controls Ants (excluding pharaoh, harvester and carpenter ants), Aphids, Chinch Bugs, Cutworms, Flea Beetles, , Mites, & many more.]
- [Kills Garden Insects, including, chinch bugs, fleas, fire ants, mosquitoes, aphids, Japanese beetles, whiteflies, ants (excluding pharaoh, harvester and carpenter ants), mites, and other listed insects.]
- [For perimeter insect control.]
- [For Barrier use.]
- [For Garden Insects.]
- [Kills and Repels Insects.]
- [Kills Pests Outside the Home for Up to 8 Weeks (2 months)\* \*excluding red imported fire ants and other public health pests]
- [Kills Pests on Outdoor Surfaces for Up to 8 Weeks (2 months)\* \* excluding red imported fire ants and other public health pests]
- [Kills listed bugs outside so they can't come inside]
- Kills Bugs\* Outside Before They Come Inside \*see label for complete pest list
- [Low odor (formula).]
- [Fast Acting Formula.]
- [Works (Kills) in 24 hours.]
- [Kills 500+ Pests on contact.]
- [Long-lasting insect protection.]
- [Non-staining.]
- [Kills Fire Ants in 24 hours.]
- [Kills the Fire Ant Mound.]
- [Kills the Queen and the Mound.]
- [Controls Fire Ants for up to 4 Weeks.]
- [Fast acting with up to 8 weeks Residual\* \*excluding public health pests]
- Keeps killing for up to [2 months][8 weeks]\* \*excluding public health pests
- [Controls Mosquitoes, Chinch Bugs, Fleas, , Aphids, Fire Ants & Mites]
- [Ready To Spray](when sold in ready to spray packaging)
- Kills Home Invading Insects
- Kills garden [invading] pests[insects} [including] [ants (excluding pharaoh, harvester and carpenter ants),] [aphids] [armyworms] [beetles] [cutworms] [Japanese beetles] [chinch bugs] [caterpillars] [sod worms] [white flies] and other listed pests [insects]
- Insect Protection
- Not harmful to lawn grasses\* \*When used as directed
- Works two ways: (1) Kills (and) (2) Protects
- Kills and prevents over 500 listed [insects][pests]
- Penetrates [mulch][thatch]
- Kills above and below the surface for [up to] 2 months
- Kills [Surface]] and [Soil] Insects
- Use on gardens [Outdoor Surfaces][plants] [vegetables][flowers] [trees] [Shrubs][HomePerimeter] [shrubs][ornamentals] [ornamentals]
- [For Home Fruit & Vegetable Gardens, Ornamental & Flower Gardens, and [Perimeters][Around the Home]]
- Can be used as an outdoor barrier treatment
- [Also][Can be used][for use] on vegetable gardens
- Tough on [insert listed insects], gentle on [your] garden [plants] [shrubs] [vegetables] [fruits] [edibles] [flowers][trees][ornamentals] [home ][brick][wood] [siding]
- Won't harm [your] garden [plants] [shrubs] [vegetables] [fruits] [edibles] [flowers][trees][ornamentals][home][brick] [wood][siding]
- Protects [edibles][fruits and vegetables] from insect damage

- Protects over 20 listed fruits and vegetables
- Easy to use
- Kills listed nuisance pests outdoors [before they can come inside]
- Kill [annoying] [damaging] [insects] [pests] and reclaim your garden [today!]
- Reclaim your[backyard][today]
- Don't let insects [bugs} feed on your[landscape][and][backyard] another day
- Pretreat your [backyard] [outdoor spaces] before [the BBQ][outdoor fun]
- Pretreat your [backyard] [outdoor spaces] against [insert listed pest]
- Protect your backyard from [nuisance][pests]
- Protect your container garden from [pests][insert listed pest]
- Protect your [roses][flowers] from [damaging][harmful] pests
- Not harmful to grasses
- Won't harm plants or blooms
- Kills listed common backyard [insects][bugs]
- 
- Kills [harmful] [damaging] [insert listed pest]
- Stops damaging insects
- Kills pests by contact
- Visible results
- Kills by contact
- Starts working immediately by contact\*. \*excluding public health pests
- Fast acting for your outdoor weekend [plus 2 months control] \* \*excluding public health pests
- 8 weekends of [pest][insert listed pest][protection][control] \* \*excluding public health pests
- Lasts {up to} [4] [6] [8] weeks [2] [months] \* \*excluding public health pests
- Up to [4] [6] [8] weeks [2] month control [protection]\* \*excluding public health pests
- Protects your [lawn][backyard] for up to [2] months! \* \*excluding public health pests
- One application protects up to [8 weeks][2 months] \* \*excluding public health pests
- One Application [2 month][8 weeks][control][protection] \* \*excluding public health pests
- Kills [insert listed pest from appendix 1]
- Controls [insert listed pest from appendix 1]
- Kills Ants (excluding pharaoh, harvester and carpenter), Roaches, Spiders and Other Home Invading Pests as listed
- Kills [insert listed pest from appendix 1] on contact
- Effective control against [insert listed pest from appendix 1]
- Proven [insert listed pest from appendix 1] killer
- Kills mosquitoes that may transmit West Nile Virus
- Kills mosquitoes that may transmit [the] Zika Virus
- Kills mosquitoes that may transmit the Chikungunya virus
- Kills mosquitoes that may transmit yellow fever
- Kills mosquitoes that may transmit dengue fever
- Kills mosquitoes that may transmit encephalitis
- Kills Fleas that may transmit Flea Allergy Dermatitis (FAD)/ Flea-Bite Anemia/ Tapeworms/ Haemobartonellosis [to cats/dogs]
- Kills Fleas that may transmit Bartonellosis [to cats/dogs/people]
- Kills Fleas that may transmit Mycoplasma to cats
- Kills mosquitoes that may transmit Heart worm [to cats/dogs]
- Kills mosquitoes that may transmit Subcutaneous dirofilariasis [to cats/dogs/people]
- [Satisfaction] [Guaranteed\*] [kill\*] \*or your money back
- Guaranteed results\* \*or your money back
- Guaranteed to work\* \*or your money back
- Trusted Brand since [insert year]
- Established Brand since [insert year]

- Est. [insert year]
- Trusted brand for over XX years
- Formulated and packaged in the USA
- Protects your [/backyard/garden] from bugs/insects [so you [and your kids/pets/dog] can enjoy your/the [outdoors/event/party/barbeque/birthday party/playtime/home/yard]]
- Kills bugs/insects [which destroy roses, flowers, tree, shrubs, edibles, landscape, backyard] [and/or] [which] [annoy people/kids/pets.]
- People and pets may re-enter the treated area once the product has dried
- .
- People and pets may enter [treated area][backyard] after spray has dried.
- Kills [nuisance][annoying] backyard pests, as listed
- Protecting your [backyard] [outdoors] has never been easier
- Protect your family from [insert listed pests][listed nuisance pests]
- Bug Killer
- Insect Killer
- Ready to Spray
- Hate The Bugs. Love The Garden. Get [brand]!
- Got [insert listed pest here]? Get [brand]!
- Shake well before using
- Water based formula
- Bonus Size
- Combo Pack
- Wow (Pack)
- Value size
- Value/Twin pack
- Great value
- Kills [insert listed pest], [insert listed pest], [insert listed pest] and 500 other listed pests
- Kills over 450 listed pests
- Kills 450[plus][+] [insects][pests]
- Economical – use to cover large areas
- Easily covers large areas
- Read the entire label before applying

[If you have a medical emergency, need consultation on diagnosis, therapy and analysis please call (800) 420-9347]

[If you have questions relating to product use or application, please call (866) 945-5033]

[If you have a product spill or transportation emergency call (800) 424-9300]

[For Consumer Refund: TechPac, LLC PO Box 95437 Palatine, IL 60095-0437]

**[Optional Marketing Statements- Applicable to Sub-Label A]**

- [Broad Spectrum (Insect Killer) (Insecticide) (Concentrate).]
- [Concentrated Insect Spray.]
- [Makes up to 128 gallons.]
- Concentrate
- [Includes] easy to use measuring cap
- Easy-measure cap

**[Optional Marketing Statements- Applicable to Sub-Label B]**

- No mixing or measuring
- Easy-to-use sprayer

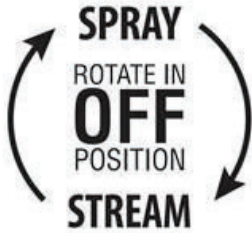
- No [mixing][measuring] required
- Simply connect to hose and spray [for 8 weeks protection] \*. \*excluding public health pests
- [Simply] attach to [garden] hose and [spray] [go]
- Automatically mixes as you spray
- [Connect and Spray (optional for hose-end sprayer).]

**Optional Images and associated text for applicable RTS Sprayer packaging:**





SPRAY STREAM

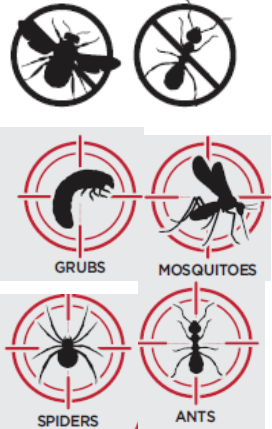



ROTATE IN OFF POSITION

MIX H2O OFF




















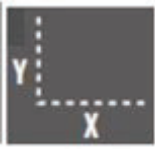










**Quick [Reference Table][Facts] {NOTE to Reviewer: Table below is optional}**




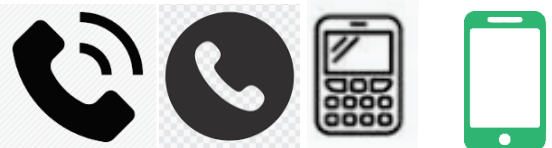

<p><b>[Product Facts]</b></p> 	<p>[Insert listed claim(s)]</p>
<p><b>[Where to Use]</b></p>  <p>Crack and crevice use only</p>	<p>Fruit and Vegetable Gardens, Ornamental Plants and Shrubs, Flowers and Ground Covers, Around Home Perimeter</p> <p>[Insert listed claim(s)]</p>
<p><b>[Fruits &amp; Vegetables]</b></p> 	<p>[Insert listed fruits &amp; vegetables]</p> <p>[And other listed fruits and vegetables]</p>
<p><b>Kills</b></p> 	<p>[Insert listed pests]</p> <p>[And other listed [pests] [insects] [bugs]]</p> <p>[Insert listed claim(s)]</p>

 <p>GRUBS MOSQUITOES SPIDERS ANTS</p>	
<p><b>[How Much to Use]</b></p> 	<p>[Mixes automatically as you spray]</p>
<p><b>[Coverage]</b></p> 	<p>[32 oz] [1 quart] [32 oz] [Treats][covers] [up to] [16,000] sq. ft.</p>
	

[Glossary of Icons] {Icons are applicable for both sublabels unless specified}

<p>Concentrate &amp; RTU icon</p>	 <p>{for sub-label A}</p>
<p>Application Icon</p>	<p><b>DIAL-STYLE HOSE-END SPRAYERS</b></p>  <p>{sub-label B}</p> <p><b>PUMP-STYLE TANK SPAYERS</b></p>  <p>{sub-label A}</p>

	 
Sprayer operation icon	
Product Facts Icon	    
Fruit and vegetable Icon	  
How much to use icon	   <span data-bbox="1036 1096 1205 1125">{sub-label A}</span>
Coverage	 
When to use	 
Kills Icon	      

	
<p>Where to use Icon</p>	<p>Lawn and Garden Applications</p>  <p>Pest directed applications</p> 
<p>Phone Icon</p>	
<p>Computer Icon</p>	



## Appendix 1. [Complete] Pest List:

PEST LIST: {NOTE to Reviewer: This pest list is optional}

1. Alfalfa Looper
2. American Plum Borer
3. Ants - Acrobat
4. Ants - Big-headed
5. Ants - Black turf
6. Ants - Citronella
7. Ants - Crazy
8. Ants - Field
9. Ants - Ghost
10. Ants - Lasius
11. Ants - Lawn
12. Ants - Little Black
13. Ants - Thief
14. Ants - White-footed
15. Ants - Allegheny mound
16. Ants - Argentine
17. Ants - Cornfield
18. Ants - Honey
19. Ants - Nuisance
20. Ants - Odorous
21. Ants - Pavement
22. Ants - Pyramid
23. Ants – Southern
24. Angular-winged katydid
25. Aphid
26. Aphids – Buckhorn
27. Aphids – Giant Willow
28. Aphids – Greenbug
29. Aphids – Green Apple
30. Aphids – Pea
31. Aphids - Potato
32. Aphids - Root
33. Aphids - Rose
34. Aphids – Walnut
35. Aphids – Wooly Alder
36. Aphids – Wooly Apple
37. Aphids – Wooly Elm
38. Aphids – Wooly Pear
39. Armyworm
40. Arrow-shaped Micrathena
41. Aster Leafhopper
42. Azalea caterpillar
43. Bagworms
44. Bean Leaf Beetle
45. Beet Armyworm
46. Boxelder bugs
47. Broadmites
48. Brown softscale
49. Budworms
50. Cabbage Looper
51. Cabbage Webworm

52. California Katydid
53. California Oakworm
54. California redbelt (crawler)
55. Cankerworms
56. Celery looper
57. Centipedes
58. Cereal Leaf Beetle
59. Chinch Bug
60. Chinch Bug – Hairy
61. Chinch Bug – Southern
62. Chinch Bug - False
63. Cicadas
64. Clover Mite
65. Colorado Potato Beetle
66. Corn Earworm
67. Corn Leaf Aphid
68. Corn Rootworms
69. Corn Rootworms – Northern Larvae
70. Corn Rootworms – Southern Larvae
71. Corn Rootworms – Western Larvae
72. Corn Rootworms – Mexican Larvae
73. Corn Silkfly (Adult)
74. Crickets
75. Crickets - Arizona
76. Crickets – Black horned Tree
77. Crickets – California Tree
78. Crickets - Common short-tailed
79. Crickets - Eastern striped
80. Crickets - Fall field
81. Crickets - House
82. Crickets - Indies short-tailed
83. Crickets - Mormon
84. Crickets - Northern wood
85. Crickets - Sand field
86. Crickets – Snowy Tree
87. Crickets - Southeastern field
88. Crickets - Southern wood
89. Crickets - Spring field
90. Crickets – Spotted Camel
91. Crickets - Texas field
92. Crickets - Tropical
93. Crickets - Variable field
94. Crickets - Vocal field
95. Crickets - Western striped
96. Cutworms
97. Cutworms - Army
98. Cutworms - Black
99. Cutworms - Bronzed
100. Cutworms - Clover
101. Cutworms - Granulate
102. Cutworms - Greasy
103. Cutworms - Green
104. Cutworms - Spotted
105. Cutworms - Variegated
106. Cutworms – Western Bean
107. Eastern tent caterpillar

108. Elm leaf beetles
109. English Grain Aphid
110. European Corn Borer
111. Fall Armyworm
112. Fall webworm
113. Flea beetles
114. Flea beetles – Cabbage
115. Flea beetles – Corn
116. Flea beetles – Grape
117. Flea beetles – Pale striped
118. Flea beetles – Potato
119. Flea beetles – Redheaded
120. Flea beetles – Strawberry
121. Flea beetles - Tobacco
122. Flower Thrips
123. Forest tent caterpillar
124. Gladiator Katydid
125. Grand Western Cicada
126. Grasshopper
127. Grasshopper – Alutacea Bird
128. Grasshopper – American Bird
129. Grasshopper – Aztec Pygmy
130. Grasshopper – Banded Range
131. Grasshopper – Carolina
132. Grasshopper – Creosote Bush
133. Grasshopper – Differential
134. Grasshopper – Dragon Lubber
135. Grasshopper – Great crested
136. Grasshopper – Green valley
137. Grasshopper – Horse Lubber
138. Grasshopper - Lubber
139. Grasshopper – Painted
140. Grasshopper – Pallid-winged
141. Grasshopper – Panther Spotted
142. Grasshopper – Pygmy
143. Grasshopper – Red legged
144. Grasshopper – Southeastern Lubber
145. Grasshopper – Spur-throated
146. Grasshopper – Three banded
147. Grasshopper - Toothpick
148. Grasshopper – Two striped
149. Green Bug
150. Green Cloverworm
151. Hop Vine Borer
152. Hornworm
153. Imported Cabbageworm
154. Japanese Beetle (Adult)
155. June beetles (Adults)
156. Katydid – Fork tailed Bush
157. Katydid – Keeled Shield-back
158. Katydid – Mescalero Shield-back
159. Katydid – Oblong-winged
160. Katydid – Short-legged Shield back
161. Katydid – True (Northern)
162. Kudzu Bugs
163. Lace bugs

164. Ladybeetles
165. Ladybeetles - Asian
166. Ladybeetles - Convergent
167. Ladybeetles - Seven-spotted
168. Ladybeetles - Thirteen-spotted
169. Ladybeetles - Twice-stabbed
170. Ladybeetles - Two-spotted
171. Leaf feeding caterpillars
172. Leaf rollers
173. Leaf skeletonizers
174. Leafhoppers
175. Leafhoppers - Aster
176. Leafhoppers - Bluntnosed
177. Leafhoppers – Corn Blotch
178. Leafhoppers - Eastern Grape
179. Leafhoppers - Elm
180. Leafhoppers - Mountain
181. Leafhoppers - Potato
182. Leafhoppers - Redbanded
183. Leafhoppers - Rice
184. Leafhoppers - Rose
185. Leafhoppers - Sharpnosed
186. Leafhoppers - Six-spotted
187. Leafhoppers - Southern Garden
188. Leafhoppers - Variegated
189. Leafhoppers - Variegated larvae
190. Leafhoppers - Virginia creeper
191. Leafhoppers - Western grape
192. Leafhoppers - Whitebanded elm
193. Leafminer (Adult)
194. Leafminers (Adults) - Alder
195. Leafminers (Adults) - Boxwood
196. Leafminers (Adults) - Corn blotch
197. Leafminers (Adults) - Holly
198. Leafminers (Adults) - Oak
199. Leafminers (Adults) - Spruce needle
200. Leafminers (Adults) - Tentiform
201. Leafminers (Adults) - Vegetable
202. Leafrollers - Oblique banded
203. Leafrollers - Red-banded
204. Leafrollers - Variegated
205. Lesser Peach Tree Borer
206. Lygus Bug
207. Meadow Spittlebug
208. Mealybugs
209. Mealybugs – Citrus
210. Mealybugs – Comstock
211. Mealybugs – Grape (crawlers)
212. Mealybugs – Hawthorne
213. Mealybugs – Longtailed
214. Mealybugs – Madiera
215. Mealybugs - Maple
216. Mealybugs - Obscure
217. Mexican Corn Rootworm Beetle (Adult)
218. Midges
219. Millipedes

220. Millipedes - Almond
221. Millipedes – Flat
222. Millipedes – Florida
223. Millipedes – North American
224. Millipedes - Soft
225. Mites - Banks grass
226. Mites – Broad
227. Mites - carmine
228. Mites - European
229. Mites - Grain
230. Mites - Pacific
231. Mites – Pecan Leaf Scorch
232. Mites – Pecan Scorch
233. Mites - Russet
234. Mites - Spruce
235. Mites – Spider
236. Mites – Two-Spotted Spider
237. Moths
238. Moths – Abrupt Epiblema
239. Moths – Alligator Weed Stem Borer
240. Moths - Arch
241. Moths - Artichoke plume
242. Moths – Aster-head Phaneta
243. Moths – Bald Cypress Coneworm
244. Moths – Banded Sunflower
245. Moths – Bidens Borer
246. Moths – Black Dash Epinotia
247. Moths – Black-Blotched Bactra
248. Moths – Black Bordered Lemon
249. Moths – Black-headed Birch Leaffolder
250. Moths – Bougainvillea Caterpillar
251. Moths – Broad-patch Carolella
252. Moths – Buff-tipped Phaneta
253. Moths – Cactus
254. Moths – Carmine Snout
255. Moths – Catkinworm
256. Moths – Clover Hayworm
257. Moths – Codling
258. Moths – Constricted Sonia
259. Moths – Corn Earworm
260. Moths – Crescent-Winged Caudellia
261. Moths – Dagger
262. Moths – Dame’s Rocket
263. Moths – Darker Moodna
264. Moths – Delightful Bird Dropping
265. Moths – Diamondback
266. Moths – Dotted Ecdytolopha
267. Moths – Eublemmine
268. Moths – Evergreen Coneworm
269. Moths – Exposed Bird Cropping
270. Moths – Eye-spotted
271. Moths – Filbertworm
272. Moths – Fingered Dagger
273. Moths – Four-spotted Bird-Dropping
274. Moths – Fruit-tree Leafroller
275. Moths – Fruitworm

276. Moths – Goldenrod Gall Moth
277. Moths – Grape Berry
278. Moths – Grape leaffolder
279. Moths – Gray Dagger
280. Moths – Gray Half Spot
281. Moths – Green Leuconycta
282. Moths - Gypsy
283. Moths – Half Yellow
284. Moths – Hickory Leafroller
285. Moths – Hickory Shuckworm
286. Moths – Hyphenines
287. Moths – Hyphenodine
288. Moths – Iris Borer
289. Moths – Jack Pine Budworm
290. Moths – Kimball's Leafroller
291. Moths – Labyrinth
292. Moths – Lacuna
293. Moths – Lantana Leaf-tier
294. Moths – Lantana
295. Moths – Lesser Loblolly Pineconeworm
296. Moths – Locust Leafroller
297. Moths – Locust Twig Borer
298. Moths – Macrame
299. Moths – Maple Bud Borer
300. Moths – Maple Tip Borer
301. Moths – Maple Webworm
302. Moths – Maple Basswood Leafroller
303. Moths – Marbled-Green Leuconycta
304. Moths – Nantucket Pine Tip
305. Moths – Oak Leafroller
306. Moths – Oak Leaf-tier
307. Moths – Oriental
308. Moths – Pale Glyph
309. Moths – Palm Bud
310. Moths – Pecan Bud
311. Moths – Pine Tube
312. Moths – Sallow
313. Moths – Sculptured
314. Moths – Sunflower
315. Moths – Sunflower Bud
316. Moths – Tip
317. Moths -Verbena
318. Moths - Waterlily
319. Moths – Wedgling
320. Moths – Yellow Headed Cutworm
321. Moths - Zimmerman pine
322. Northern Corn Rootworm Beetle (Adult)
323. Oleander moth larvae
324. Onion Maggot (Adult)
325. Onion Thrips
326. Palmetto bugs
327. Peach Tree Borer
328. Peach Twig Borer
329. Pillbug
330. Pine sawfly
331. Pine shoot beetles

332. Pinetip moths
333. Root weevil
334. Saltmarsh Caterpillar
335. Sap Beetle (Adult)
336. Sawflies
337. Sawflies – European
338. Sawflies – European Pine
339. Sawflies – Redheaded
340. Sawflies – Redheaded Pine
341. Scale insects (crawlers)
342. Scales – Beech
343. Scales – Black
344. Scales - Calico
345. Scales – California Red
346. Scales – Cottony Cushion
347. Scales – Cottony Maple
348. Scales – European Elm
349. Scales – Euonymous
350. Scales – Fletcher
351. Scales - Hemispherical
352. Scales - Magnolia
353. Scales – Pine needle/Crawlers
354. Scales – San Jose
355. Scales – Brown Soft
356. Seedcorn Maggot (Adult)
357. Southern Armyworm
358. Southern Cabbageworm
359. Southern Corn Rootworm Beetle (Adult)
360. Southwestern Corn Borer
361. Sowbugs
362. Soybean looper
363. Spiders – American House
364. Spiders – Ant mimic
365. Spiders – Barn
366. Spiders – Black and Yellow Argiope
367. Spiders – Bola
368. Spiders – Branch yip
369. Spiders – Brown Daddy Long Legs
370. Spiders – Brownish Grey Fishing
371. Spiders – Burrowing Wolf
372. Spiders – California Trapdoor
373. Spiders – Carolina Wolf
374. Spiders – Crablike Spiny Orb Weaver
375. Spiders – Daddy Long Legs
376. Spiders – Daring Jumping
377. Spiders – Desert Loxosceles
378. Spiders – Desert Tarantula
379. Spiders – Dimorphic Jumping Spider
380. Spiders – Eastern Daddy Long Legs
381. Spiders – Elegant Crab
382. Spiders – Elongate Long- Jawed Orb Weavers
383. Spiders – Forest Wolf
384. Spiders – Garden (Cross)
385. Spiders – Golden Huntsman
386. Spiders – Goldenrod
387. Spiders – Golden-silk (Calico)

388. Spiders – Grass
389. Spiders – Green Lynx
390. Spiders – Green Lyssomanes
391. Spiders - Hammock
392. Spiders – Huntsman
393. Spiders – Inconspicuous Crab
394. Spiders – Jumping
395. Spiders – Jumping Lynx
396. Spiders – Long-jawed Orb Weaver
397. Spiders – Mabel Orchard
398. Spiders – Marbled Orb Weaver
399. Spiders – Metaphid Jumping
400. Spiders – Nursery Web
401. Spiders – Orb Weavers
402. Spiders – Rabid Wolf
403. Spiders – Red spotted Crab
404. Spiders – Selenopid Crab
405. Spiders – Shamrock
406. Spiders – Silver Argiope
407. Spiders – Six Spotted Fishing
408. Spiders – Six Spotted Orb Weaver
409. Spiders – Spitting
410. Spiders -Thin legged Wolf Spider
411. Spiders – Thrice banded Crab
412. Spiders – Turret
413. Spiders – Venusta Orchard
414. Spiders - Wandering
415. Squash Stalk Borer
416. Squash Vine Borer
417. Spittlebugs
418. Stalk Borer
419. Stink Bug
420. Stink Bug – Green
421. Stink Bug – Two spotted
422. Striped beetles
423. Striped oakworm
  
424. Tarnished Plant Bug
425. Thrips
426. Thrips-Grape Thrips
427. Thrips-Grass Thrips
428. Thrips-Greenhouse Thrips
429. Thrips-Introduced Basswood Thrips
430. Thrips-Iris Thrips
431. Thrips-Lily Bulb Thrips
432. Thrips-Melon Thrips
433. Thrips-Mullein Thrips
434. Thrips-Pear Thrips
435. Thrips-Privet Thrips
436. Thrips-Redbanded Thrips
437. Thrips-Tobacco Thrips
438. Tobacco Budworm
439. Tomato Fruitworm
440. Tomato Pinworm
441. True Armyworm
442. Tussock moth larvae



- 443. Waterbugs
- 444. Weevils - Alfalfa
- 445. Weevils – Arborvitae
- 446. Weevils – Asiatic Oak
- 447. Weevils – Black Vine
- 448. Weevils – Blue Grass
- 449. Weevils – Blue Green Citrus Root
- 450. Weevils – Carrot
- 451. Weevils – Cow Pea Curculio
- 452. Weevils – Cranberry
- 453. Weevils -Curcuilo
- 454. Weevils – Diaprepes Root
- 455. Weevils - Granary
- 456. Weevils – Northern Pine
- 457. Weevils – Obscure Root
- 458. Weevils – Orchard
- 459. Weevils – Orchid
- 460. Weevils – Pea
- 461. Weevils – Pea Leaf
- 462. Weevils – Pecan
- 463. Weevils – Pepper
- 464. Weevils – Pine Shoot
- 465. Weevils – Plum Curculio
- 466. Weevils – Southern Blue Green Citrus Root
- 467. Weevils – Strawberry Root
- 468. Weevils – Sunflower headclipping
- 469. Weevils – Sunflower seed
- 470. Weevils – Sunflower stem
- 471. Weevils – Sweet Potato
- 472. Weevils – Twobanded Japanese
- 473. Weevils – Vegetable
- 474. Weevils – Woods
- 475. Weevils – Yellow poplar
- 476. Western Bean Cutworm
- 477. Western Corn Rootworm Beetle (Adult)
- 478. Western Flower Thrips
- 479.
- 480. Whitefly
- 481. Yellow-striped Armyworm