



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

July 31, 2024

Shannon Cooley  
Regulatory Specialist  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Label Amendment – Adding interim decision language, state restrictions  
Product Name: CSI 19-311 L-N-P CS Hose End  
EPA Registration Number: 53883-498  
Application Date: 3/24/2021, 5/3/2022, 7/28/2023, 7/22/2024  
Case Number: 624091, 476099, 487512, 624094, 624095, 624095, 624094

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.

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, novaluron and pyriproxyfen Final and/or Interim Decisions, and has concluded that your submission is acceptable.

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 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.

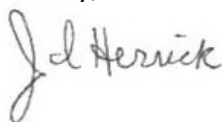
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the

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 Rebecca Lasko at 202-565-2469 or at [lasko.rebecca@epa.gov](mailto:lasko.rebecca@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "J. Herrick".

Jacquelyn Herrick, Product Manager 03  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505T)  
Office of Pesticide Programs

Enclosure

SUB-LABEL A: [For Mosquito Use]

LAMBDA-CYHALOTHRIN	GROUP	3A	INSECTICIDE
NOVALURON	GROUP	15	INSECTICIDE
PYRIPROXYFEN	GROUP	7C	INSECTICIDE

# CSI 19-311 L-N-P CS Hose End

[Ready-to-Spray]

[For Outdoor & Home Perimeter] [Listed Nuisance Pests]]

[Mosquito Killer][Insect Killer]

[ABN: Martin's Mosquito Pro, Martin's Mosquito Ready to Spray, Martin's Mosquito Stopper]

For outdoor use only.

## ACTIVE INGREDIENTS:

Lambda-cyhalothrin\*\*\* ..... 0.97%  
Novaluron ..... 0.33%  
Pyriproxyfen+ ..... 0.33%

**OTHER INGREDIENTS**..... 98.37%

**TOTAL:** ..... 100.00%

+Lambda-cyhalothrin and Pyriproxyfen are encapsulated

\*\*\*Synthetic pyrethroid

Contains 0.081 lbs. Lambda-cyhalothrin, 0.028 lbs. Novaluron and 0.028 lbs. Pyriproxyfen per gallon.



ADAMA

Consumer &  
Professional  
Solutions

**Manufactured for:**  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-498

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

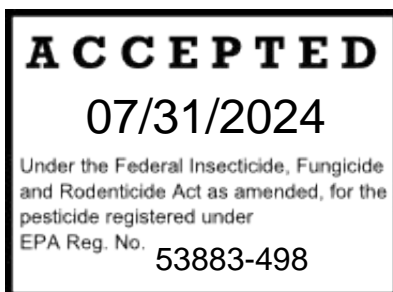
Net Contents: \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION[/PRECAUCIÓN]**

[Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.] If you do not understand the label, find someone to explain it to you in detail.

[Alternate text – all or in part: See side panel(s) for Precautionary Statements, Directions for Use and Storage and Disposal.]



<b>FIRST AID</b>	
<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 person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN:</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>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International for emergency medical treatment at (866) 897-8050.</p>	

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. 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 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 runoff to water bodies or drainage systems. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil with shallow ground water. This product is classified as having medium potential for reaching both surface water and aquatic sediment via runoff for several weeks after application. 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.

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 foraging the treatment area.

**PHYSICAL-CHEMICAL HAZARDS**

Do not mix or allow coming in contact with Oxidizing agents. Hazardous chemical reaction may occur.

**DIRECTIONS FOR USE**

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

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.

**IMPORTANT:** Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on non-residential lawns or grounds.

### Resistance-Management Recommendations

For resistance management, please note that **CSI 19-311 L-N-P CS Hose-End** contains a Group 3A (Lambda-Cyhalothrin), a Group 15 (Novaluron) and a Group 7C (Pyriproxyfen) insecticide. Any insect population may contain individuals naturally resistant to **CSI 19-311 L-N-P CS Hose-End** and other Group 3A, 15 or 7C insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields/sites. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **CSI 19-311 L-N-P CS Hose-End** or other Group 3A, 15, and 7C insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance contact Control Solutions, Inc. at 800-242-5562 or at [controlsolutionsinc.com](http://controlsolutionsinc.com)

### SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.

## WIND

Drift potential generally increases with wind speed. AVOID APPLIATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### Handheld Technology Applications:

- Take precautions to minimize spray drift

### USE RESTRICTIONS

- **DO NOT** use this product with oil.
- **DO NOT** allow children or pets to contact treated surfaces until spray has dried. Remove pets prior to spraying treatment area.
- **DO NOT** apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- **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.
- Treat surfaces to ensure thorough coverage but avoid 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
- **DO NOT** spray into the air; only spray onto the specific use sites.
- 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 when the wind speed is greater than 15 mph.
- Applications to building foundations are **RESTRICTED** to a maximum height of 2 ft above the soil line.
- **DO NOT** apply more than once every 14 days.
- Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal.
- **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 to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.*



- **DO NOT** apply to vertical surfaces (e.g., foundations) that abut horizontal impervious surfaces (e.g., driveways, walkways) leading into sources of stormwaters in California.
- **DO NOT** apply more than once every 30 days in California.

### Additional Application Restrictions for Residential Outdoor Surface and Space Sprays:

- The following uses are permitted:

- Applications to soil or vegetation around structure;
- Applications to non-residential lawns and turf, and other vegetation;
- Applications to building foundations, up to a maximum height of 2 feet above grade;
- Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
- Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
- Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
- **Broadcast application of this product to field grown ornamentals, turfgrass and lawns is prohibited in New York State.** Perimeter applications to plants and the ground up to 7 feet from a structure are allowed in New York.

Application rates in California are 32 oz/8,000 ft<sup>2</sup> with no more than 12 applications per year.

#### HOW TO APPLY

Determine the area to be treated. For non-residential lawns, measure the area to be sprayed. For trees, shrubs and ornamental plants, apply as a thorough cover spray. Treat when mosquitoes begin to appear and repeat treatment to maintain control only as directed.

- Spray when air is calm to avoid drift. Apply as necessary, waiting at least 14 days between applications. Two to three applications may be needed for higher pest populations.
- Spray in early morning or late evening when temperatures are cooler if daytime air temperature is expected to exceed 85° F.
- Mosquitoes resting on treated areas will die for up to 2 months after application, depending on rate applied and exposure of treated areas to weather conditions.
- Spray undersides of leaves and penetrate well into dense foliage with the spray stream. One bottle (32 fl. oz.) will treat up to 8,000 ft<sup>2</sup>.

To control mosquitoes, use 1 bottle (32 fl. oz.) to cover 4,000-8,000 ft<sup>2</sup> of targeted areas, including non-residential lawns, trees and shrubs. For control of mosquitoes in a highly populated site, use 1 bottle (32 fl. oz.) to cover 4,000 ft<sup>2</sup>.

Do not apply more than 5 times per year per location.

**NOTE:** While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution. It is advised to pre-spray a selection of ornamental plants and observe them for 7-10 days prior to treating large areas if local use experience is unavailable.

[OPTION A]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the Ready to Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position [with the [green][color] safety tab in the valve notch].

3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and a.) bend the [green][color] safety tab back (located at right of [yellow][color] dial) with your [thumb] [finger], b.) hold while turning [yellow][color] dial clockwise until it stops in the "ON" position. Water will automatically mix with the product.
5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion.
6. To STOP spraying, QUICKLY turn the [yellow][color] dial counterclockwise to the "OFF" position until it stops and the safety tab engages [into the notch on the valve]. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the [green][color] safety tab back and turn dial setting to "WATER" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position [with [green][color] safety tab in the valve notch]. Place in cool area away from heat, sunlight or open flame.]

[Option B]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Attach a garden hose to the Ready to Spray nozzle. For first time use, remove the safety tab [below][by] the SPRAY button on the toggle switch by pushing to the left or right until the tab breaks free. Make sure the toggle switch remains in the "OFF" position. For subsequent uses make sure the toggle switch is in the "OFF" position before attaching hose.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying point nozzle toward treatment site and press the SPRAY button on the toggle switch until it clicks into the "ON" position. Water will automatically mix with the product.
5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying push the "OFF" button on the toggle switch until it stops. Turn water off at faucet. To relieve pressure before removing nozzle from hose, press the SPRAY button on the toggle switch until water stops spraying.
7. To STORE unused product make sure the toggle switch is in the "OFF" position. Place in a cool area away from heat, sunlight or open flame.]

[Option C]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

CONNECT HOSE

1. Shake Well.
2. Make sure control lever is in the "OFF" position.
3. Attach to hose.
4. Turn on water.

SPRAY

5. Aim towards direction of application and away from you.



6. Turn control lever to "ON" to begin spraying.
7. Spray evenly and as directed for specified type of treatment area.

#### FINISH/STORE

8. When finished turn control lever to "OFF".
9. Turn faucet off. Discharge residual water pressure by turning control lever "ON" and "OFF" again.
10. Disconnect Sprayer and Store / Discard as instructed.]

[Option D]

[USING THE READY TO SPRAY NOZZLE, HOSE END SPRAYER INSTRUCTIONS, HOW TO USE THE [INSERT HOSE END SPRAYER NAME] or DIRECTIONS FOR HOSE END SPRAYER {Optional Subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the sprayer nozzle. Make sure switch is in the "OFF" position.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and turn to "ON" position. When water is on, it will automatically mix with the product.
5. Spray until wet [to control listed pests]. Walk at a steady pace, working back toward the faucet while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, turn to "OFF" position. Turn water off at faucet. To relieve pressure before removing nozzle from hose, turn to on until water stops spraying.
7. To STORE unused product, make sure switch is in the "OFF" position.
8. Place in cool area away from heat, sunlight or open flame.]

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

#### CONTAINER HANDLING:

*For Containers equal to or less than 5 Gallons:* Nonrefillable container. Do not reuse or refill this container. Clean container 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available, then dispose of container in a sanitary landfill

#### 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.

#### **[OPTIONAL MARKETING STATEMENTS]**

##### *[Miscellaneous Efficacy related claims]*

- Breaks the reproduction cycle of listed pests
- Breaks the lifecycle of listed pests

##### *[Mosquito Efficacy Related Claims]*

- Controls [*Anopheles*] [*Culex*] [*Aedes*] mosquitoes for [60 days] [2 months]
- Kills mosquitos that may transmit [the] [Dengue] [Zika] [Chikungunya] [and] [West Nile] virus.
- Kills mosquitos that may transmit [the] [Dengue Fever] [Yellow Fever] [Encephalitis]
- Kills mosquitoes that may transmit Heart worm [to cats/dogs]
- Kills mosquitoes that may transmit Subcutaneous dirofilariasis [to cats/dogs/people]
- Controls mosquitoes
- Controls Aedes mosquitoes
- Kills adults \* \*mosquitoes
- Kills mosquito[es] [adults]
- Kills mosquito adult
- Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] in your yard [for 60 days] ] [for 2 months]
- Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] for [60 days] ] [for 2 months]Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] [in your yard]
- Controls (*Anopheles*, *Culex*, *Aedes*) mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] [for 60 days]] [for 2 months]
- Kills mosquitoes on trees in your yard
- Controls mosquitoes on tree[s] [leaves] in your yard
- Controls mosquitoes on [tree[s]] [plants] [leaves] [in your yard] [for 60 days] [for 2 months]

- Controls mosquitoes on tree leaves [in your yard]
- Controls (*Anopheles*, *Culex*, *Aedes*) mosquitoes on [ornamental] [plant[s]] [leaves] [for 60 days] ] [for 2 months]
- Controls [*Anopheles*, *Culex*, *Aedes*] mosquitoes on tree leaves [in your yard] [for 60 days] ] [for 2 months]
- One bottle [32 oz.] to cover up to 8,000 ft<sup>2</sup> [for mosquito control]

*[General Marketing Claims]*

- Automatically mixes as you spray
- Bonus Size
- Can be used as an outdoor barrier treatment
- Combo Pack
- Controls Mosquitoes
- Easily covers large areas
- Easy to use
- Easy-to-use sprayer
- Economical – use to cover large areas
- Effective control against Mosquitoes
- Est. [insert year]
- Established Brand since [insert year]
- For your outdoor weekend
- For Broadcast and Barrier use
- For [Ornamental] Insects
- For Ornamental and [Perimeters][Around the Home]
- Formulated and packaged in the USA
- Got Mosquitoes? Get [brand]!
- Great value
- Guaranteed results\* \*or your money back (\* in close proximity to the claim)
- Guaranteed to work\* \*or your money back (\* in close proximity to the claim)
- Insect Killer
- Insect Protection
- Kill Mosquito [today!]
- Kills [nuisance][annoying] Mosquitoes
- Kills Insects
- Kills by contact
- Kills common Mosquitoes
- Kills Home Invading Insects
- Kills [and ornamental] Mosquitoes
- Kills listed bugs outside so they can't come inside

- Kills [Mosquitoes] by contact
- Kills Mosquitoes on your Ornamental
- Kills Mosquitoes outdoors [] [before they can come inside]
- Kills Mosquitoes Outside Before They Come Inside
- Kills/controls bugs/insects [on, tree, shrubs, landscape,] [and/or] [which] [annoy people/kids/pets.]
- 
- Long Lasting\* [Mosquito] control [protection]\*two months
- Long-lasting\* Mosquito protection \* two months
- Mosquito Killer
- 
- No [mixing][measuring] required
- No mixing or measuring
- 
- 
- 
- .
- People and pets may re-enter the treated area once the product has dried
- 
- ]
- 
- 
- 
- Protects Trees, Shrubs
- 
- Proven Mosquito killer
- Quickly stops [biting][annoying] Mosquitoes
- Read the entire label before applying
- Ready to Spray
- Reclaim your [][today]
- Simply connect to hose and spray
- Tough on [Mosquitoes], gentle on [your] [shrubs][trees][ornamentals] [home] [brick][wood] [siding][deck]
- Trusted brand for over [insert years]
- Trusted Brand since [insert year]
- Use on [Outdoor perimeters][Plants][trees] [Shrubs][Home Perimeter][][Ornamentals] [Decks]
- Value size
- Value/Twin pack
- Won't harm [your] [ornamental] [plants] [shrubs] [trees][home] [wood][deck]
- Won't harm plants or blooms
- Wow (Pack)
- [Satisfaction] [Guaranteed\*] [kill\*] \*or your money back (\*in close proximity to the claim)
- [Now]\*[Also] for use on [Mosquitoes] {\*6 month only}
- [Simply] attach to [garden] hose and [spray] [go]

*[Use/Formulation related claims]*

- For outdoor use
- Microencapsulated Insecticide with Insect Growth Regulators for Control of Mosquitoes
- Microencapsulated formulation with three [3] modes of action
- Triple threat against pests
- Contains adulticide and [two] [2] insect growth regulators [IGRs]
- Convenient [combination][all-in-one] product
- Contains [2] IGRs [to break pest cycle]
- Contains [2] IGR[s] to reduce adult pest development

**[Optional Appendix]**



**SUB-LABEL B: [For Home Perimeter Use]**

LAMBDA-CYHALOTHRIN	GROUP	<b>3A</b>	INSECTICIDE
NOVALURON	GROUP	<b>15</b>	INSECTICIDE
PYRIPROXYFEN	GROUP	<b>7C</b>	INSECTICIDE

# CSI 19-311 L-N-P CS Hose End

[Ready-to-Spray]

[For Outdoor & Home Perimeter] [Listed Nuisance Pests]]

[Mosquito Killer][Insect Killer]

For outdoor use only.

[**ABN:** Martin's Mosquito Pro, Martin's Mosquito Ready to Spray, Martin's Mosquito Stopper, Martin's Insect Barrier Ready to Spray, Martin's Mosquito, Flea, & Tick Killer, Martin's Flea and Tick Pro, Martin's Flea and Tick Killer Pro

**ACTIVE INGREDIENTS:**

Lambda-cyhalothrin***	0.97%
Novaluron	0.33%
Pyriproxyfen <sup>+</sup>	0.33%

**OTHER INGREDIENTS**..... 98.37%

**TOTAL:** 100.00%

<sup>+</sup>Lambda-cyhalothrin and Pyriproxyfen are encapsulated

<sup>\*\*</sup>Synthetic pyrethroid

Contains 0.081 lbs. Lambda-cyhalothrin, 0.028 lbs. Novaluron and 0.028 lbs. Pyriproxyfen per gallon.



ADAMA

Consumer & Professional Solutions

**Manufactured for:**  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-498

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

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

## KEEP OUT OF REACH OF CHILDREN CAUTION[/PRECAUCIÓN]

[Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.] If you do not understand the label, find someone to explain it to you in detail.

[Alternate text – all or in part: See side panel(s) for Precautionary Statements, Directions for Use and Storage and Disposal.]

<b>FIRST AID</b>	
<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 person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN:</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>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International for emergency medical treatment at (866) 897-8050.</p>	

### **PRECAUTIONARY STATEMENTS**

#### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. 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 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 runoff to water bodies or drainage systems. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. **This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil with shallow ground water. This product is classified as having medium potential for reaching both surface water and aquatic sediment via runoff for several weeks after application.** 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.

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 foraging the treatment area.

#### **PHYSICAL-CHEMICAL HAZARDS**

Do not mix or allow coming in contact with Oxidizing agents. Hazardous chemical reaction may occur.

### **DIRECTIONS FOR USE**

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

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.

**IMPORTANT:** Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on non-residential lawns or grounds.

### **Resistance-Management Recommendations**

For resistance management, please note that **CSI 19-311 L-N-P CS Hose-End** contains a Group 3A (Lambda-Cyhalothrin), a Group 15 (Novaluron) and a Group 7C (Pyriproxyfen) insecticide. Any insect population may contain individuals naturally resistant to **CSI 19-311 L-N-P CS Hose-End** and other Group 3A, 15 or 7C insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields/sites. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **CSI 19-311 L-N-P CS Hose-End** or other Group 3A, 15, and 7C insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
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- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance contact Control Solutions, Inc. at 800-242-5562 or at [controlsolutionsinc.com](http://controlsolutionsinc.com)

### **SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.



## WIND

Drift potential generally increases with wind speed. AVOID APPLIATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### Handheld Technology Applications:

- Take precautions to minimize spray drift

## USE RESTRICTIONS

- **DO NOT** use this product with oil.
- **DO NOT** allow children or pets to contact treated surfaces until spray has dried. Remove pets prior to spraying treatment area.
- **DO NOT** apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- **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.
- Treat surfaces to ensure thorough coverage but avoid runoff.
- **DO NOT** make applications during rain.
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application
- **DO NOT** spray into the air; only spray onto the specific use sites.
- 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 when the wind speed is greater than 15 mph.
- Applications to building foundations are **RESTRICTED** to a maximum height of 2 ft above the soil line.
- **DO NOT** apply more than once every 14 days.
- Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal.
- **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 to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.*



- **Broadcast application of this product to turfgrass and lawns is prohibited in New York State.** Perimeter applications to plants and the ground up to 7 feet from a structure are allowed in New York.
- **DO NOT** apply to vertical surfaces (e.g., foundations) that abut horizontal impervious surfaces (e.g., driveways, walkways) leading into sources of stormwaters in California.
  - **DO NOT** apply more than once every 30 days in California.

### **Additional Application Restrictions for Residential Outdoor Surface and Space Sprays:**

- The following uses are permitted:
  1. Applications to soil or vegetation around structure;
  2. Applications to non-residential lawns and turf, and other vegetation;
  3. Applications to building foundations, up to a maximum height of 2 feet above grade;
  4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
  5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
  6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
  7. Application rates in California are 32 oz/8,000 ft<sup>2</sup> with no more than 12 applications per year.

### **WHERE TO APPLY**

**FOR CONTROL OF [MOSQUITOES] [LISTED PESTS]\* on outdoor surfaces, around homes and other buildings, and on/around ornamental trees\*\*, shrubs, flowers and other ornamental plants.**

[\*see appendix I of this label]

\*\*In New York State, do not apply to field grown ornamentals. Apply only to container grown ornamentals in greenhouses.

### **HOW TO APPLY**

Determine the area to be treated. For general outdoor surfaces, measure the area to be sprayed. For trees, shrubs and ornamental plants, apply as a thorough cover spray. Wet leaves and branches to the dripping point but avoid run off. Treat when [mosquitoes] [pests] begin to appear and repeat treatment to maintain control only as directed.

- Spray when air is calm to avoid drift. Apply as necessary, waiting at least 14 days between applications. Two to three applications may be needed for higher pest populations.
- Spray in early morning or late evening when temperatures are cooler if daytime air temperature is expected to exceed 85° F.
- Mosquitoes resting on treated areas will die for up to 2 months after application, depending on rate applied and exposure of treated areas to weather conditions.
- Spray undersides of leaves and penetrate well into dense foliage with the spray stream. One bottle (32 fl. oz.) will treat up to 8,000 ft<sup>2</sup>.

**NOTE:** While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution. It is advised to pre-spray a selection of ornamental plants and observe them for 7-10 days prior to treating large areas if local use experience is unavailable.

**FOR USE AS A PERIMETER [MOSQUITO] [PEST] CONTROL SPRAY AROUND THE HOME:** spray in a wide band around the foundation of the home, spraying no higher than 2 feet up the outside of the house from the

ground/foundation level and covering an area up to 7 feet wide on the ground extending out from the foundation. Be sure to start from the furthest point and move toward the faucet the hose is connected to in order to avoid walking into the treated area.

Use 1 bottle (32 fl. oz.) of CSI 19-311 L-N-P CS Hose End to cover up to 8,000 ft<sup>2</sup>

To control mosquitoes, use 1 bottle (32 fl. oz.) to cover 4,000-8,000 ft<sup>2</sup> of targeted areas, including perimeters, trees and shrubs. For control of mosquitoes in a highly populated site, use 1 bottle (32 fl. oz.) to cover 4,000 ft<sup>2</sup>.

Do not apply more than 5 times per year per location.

[OPTION A]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the Ready to Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position [with the [green][color] safety tab in the valve notch].
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and a.) bend the [green][color] safety tab back (located at right of [yellow][color] dial) with your [thumb] [finger], b.) hold while turning [yellow][color] dial clockwise until it stops in the "ON" position. Water will automatically mix with the product.
5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion.
6. To STOP spraying, QUICKLY turn the [yellow][color] dial counterclockwise to the "OFF" position until it stops and the safety tab engages [into the notch on the valve]. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the [green][color] safety tab back and turn dial setting to "WATER" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position [with [green][color] safety tab in the valve notch]. Place in cool area away from heat, sunlight or open flame. ]

[Option B]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Attach a garden hose to the Ready to Spray nozzle. For first time use, remove the safety tab [below][by] the SPRAY button on the toggle switch by pushing to the left or right until the tab breaks free. Make sure the toggle switch remains in the "OFF" position. For subsequent uses make sure the toggle switch is in the "OFF" position before attaching hose.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying point nozzle toward treatment site and press the SPRAY button on the toggle switch until it clicks into the "ON" position. Water will automatically mix with the product.

5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying push the “OFF” button on the toggle switch until it stops. Turn water off at faucet. To relieve pressure before removing nozzle from hose, press the SPRAY button on the toggle switch until water stops spraying.
7. To STORE unused product make sure the toggle switch is in the “OFF” position. Place in a cool area away from heat, sunlight or open flame.]

[Option C]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

CONNECT HOSE

1. Shake Well.
2. Make sure control lever is in the “OFF” position.
3. Attach to hose.
4. Turn on water.

SPRAY

5. Aim towards direction of application and away from you.
6. Turn control lever to “ON” to begin spraying.
7. Spray evenly and as directed for specified type of treatment area.

FINISH/STORE

8. When finished turn control lever to “OFF”.
9. Turn faucet off. Discharge residual water pressure by turning control lever “ON” and “OFF” again.
10. Disconnect Sprayer and Store / Discard as instructed.]

[Option D]

[USING THE READY TO SPRAY NOZZLE, HOSE END SPRAYER INSTRUCTIONS, HOW TO USE THE [INSERT HOSE END SPRAYER NAME] or DIRECTIONS FOR HOSE END SPRAYER {Optional Subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the sprayer nozzle. Make sure switch is in the “OFF” position.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and turn to “ON” position. When water is on, it will automatically mix with the product.
5. Spray until wet [to control listed pests]. Walk at a steady pace, working back toward the faucet while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, turn to “OFF” position. Turn water off at faucet. To relieve pressure before removing nozzle from hose, turn to on until water stops spraying.
7. To STORE unused product, make sure switch is in the “OFF” position.
8. Place in cool area away from heat, sunlight or open flame.]

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**CONTAINER HANDLING:**

*For Containers equal to or less than 5 Gallons:* Nonrefillable container. Do not reuse or refill this container. Clean container 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available, then dispose of container in a sanitary landfill

**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.

*{Optional marketing statements, pest list, and the pictograms please see the end of sub-label C}*

SUB-LABEL C: [For General Use]

LAMBDA-CYHALOTHRIN	GROUP	3A	INSECTICIDE
NOVALURON	GROUP	15	INSECTICIDE
PYRIPROXYFEN	GROUP	7C	INSECTICIDE

## CSI 19-311 L-N-P CS Hose End

[Ready-to-Spray][Plus]

[For Outdoor & Home Perimeter] [Listed Nuisance Pests]]

[Mosquito Killer][Insect Killer]

For outdoor use only.

[ABN: Martin's Insect Barrier Ready to Spray, Martin's Mosquito, Flea, & Tick Killer, Martin's Flea and Tick Pro, Martin's Flea and Tick Killer Pro, Martin's Mosquito Pro]

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  - **DO NOT** apply or irrigate to the point of runoff.
  - Treat surfaces to ensure thorough coverage but avoid 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
  - **DO NOT** spray into the air; only spray onto the specific use sites.
  - 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 when the wind speed is greater than 15 mph.
  - Applications to building foundations are **RESTRICTED** to a maximum height of 2 ft above the soil line.
  - **DO NOT** apply more than once every 14 days.
  - Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal.
  - **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.
  - **Broadcast application of this product to turfgrass and lawns is prohibited in New York State.** Perimeter applications to plants and the ground up to 7 feet from a structure are allowed in New York.
  
  - **DO NOT** allow to enter indoor or outdoor drains. *No permita la entrada a desagües infernos o exfernos.*
- 
- **DO NOT** apply to vertical surfaces (e.g., foundations) that abut horizontal impervious surfaces (e.g., driveways, walkways) leading into sources of stormwaters in California.
  - **DO NOT** apply more than once every 30 days in California.

### **Additional Application Restrictions for Residential Outdoor Surface and Space Sprays:**

- The following uses are permitted:
  1. Applications to soil or vegetation around structure;
  2. Applications to non-residential lawns, turf, and other vegetation;
  3. Applications to building foundations, up to a maximum height of 2 feet above grade;
  4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
  5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
  6. Applications made through the use of a coarse, low pressure spray to only those portions of non-residential surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
  7. Broadcast application of this product to turfgrass and lawns is prohibited in New York State. Perimeter applications to plants and the ground up to 7 feet from a structure are allowed in New York.
  8. Application rates in California are 32 oz/8,000 ft<sup>2</sup> with no more than 12 applications per year,

### **WHERE TO APPLY**

#### **OUTDOOR SURFACES:**

**FOR CONTROL OF ants (excluding harvester, pharaoh and carpenter ants), centipedes, cockroaches, crickets, fleas, kudzu bugs, millipedes, palmetto bugs, scorpions\*, sowbugs, pillbugs, spiders, stink bugs, deer ticks, waterbugs and up to 700 other pests\*\*.**

[\*\*see appendix I of this label]

Apply as a residual treatment to ornamental plants next to foundations of buildings and to surfaces of buildings, , and screens, , where these pests are active. To control public health pests, use 1 bottle (32 fl. oz.) of this product to cover up to 8,000 ft<sup>2</sup>. To control non-public health pests, use 1 bottle (32 fl. oz.) of this product to cover up to 12,000 ft<sup>2</sup>.

\*Use 1 bottle (32 fl. oz.) of this product to cover 4,000 ft<sup>2</sup> for scorpion control.

#### **FOR CONTROL OF MOSQUITOES**

Determine the area to be treated. For trees, shrubs and ornamental plants, apply as a thorough cover spray. Treat when mosquitoes begin to appear and repeat treatment to maintain control only as directed.

- Spray when air is calm to avoid drift. Apply as necessary, waiting at least 14 days between applications. Two to three applications may be needed for hard to control insects.
- Spray in early morning or late evening when temperatures are cooler if daytime air temperature is expected to exceed 85° F.
- Mosquitoes resting on treated areas will die for up to 2 months after application, depending on rate applied and exposure of treated areas to weather conditions.
- Spray undersides of leaves and penetrate well into dense foliage with the spray stream. One bottle (32 fl. oz.) will treat up to 8,000 ft<sup>2</sup>.

To control mosquitoes, use 1 bottle (32 fl. oz.) to cover 4,000-8,000 ft<sup>2</sup> of targeted areas, , trees and shrubs. For control of mosquitoes in a highly populated site, use 1 bottle (32 fl. oz.) to cover 4,000 ft<sup>2</sup>.

#### **ORNAMENTAL TREES\*, SHRUBS AND FLOWERS:**

**TO CONTROL** ants (excluding harvester, pharaoh and carpenter ants), armyworms, azalea caterpillar, aphids, bagworms, black vine weevil (adult), boxelder bugs, budworms, California oakworm, 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), leafrollers, leaf skeletonizers, kudzu bugs, midges, moths, oleander moth larvae, pillbug, pine sawfly, pine shoot beetles, pinetip moths, plant bugs, root weevil, sawfly, scale insects (crawlers), spiders, spittlebugs, stink bugs, striped beetles, striped oakworm, thrips, tip moth, tussock moth larvae, broadmites, brown softscale, California redscale (crawler), clover mites, mealybugs, pineneedle scale (crawler), spider mites and whiteflies.

Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Spray underside of leaves and penetrate dense foliage.

\*In New York State, do not apply to field grown ornamentals. Apply only to container grown ornamentals in greenhouses.

#### **USE TIPS**

- For best results, apply early before insect populations are high.
- For scale control, treat entire plant, including stem, trunks and twigs.
- For bagworm control, apply when bagworm larvae begin to hatch.

#### **HOW TO APPLY**

**FOR APPLICATIONS TO ORNAMENTAL PLANTS:** Determine the area to be treated. For trees, shrubs, and ornamental plants, apply spray in a manner to thoroughly cover the foliage/leaves paying attention to contact the undersides of leaves as well. Treat when pests begin to appear and repeat treatment to maintain control only as directed.

**NOTE:** While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution. It is advised to pre-spray a selection of ornamental plants and observe them for 7-10 days prior to treating large areas if local use experience is unavailable.

**FOR USE AS A PERIMETER PEST CONTROL SPRAY AROUND THE HOME:** spray in a wide band around the foundation of the home, spraying no higher than 2 feet up the outside of the house from the ground/foundation level and covering an area up to 7 feet wide on the ground extending out from the foundation. Be sure to start from the furthest point and move toward the faucet the hose is connected to in order to avoid walking into the treated area.

#### **PRODUCT COVERAGE**

For Mosquito and other public health pests\* control: use 1 bottle (32 oz.) of CSI 19-311 L-N-P CS Hose End to cover 4,000-8,000 ft<sup>2</sup> (\*Use 1 bottle to cover 4,000 ft<sup>2</sup> for scorpion control)

For control of other listed non-public health pests on outdoor surfaces, non-residential turfgrasses, and ornamental plants and shrubs: use 1 bottle (32 oz.) of CSI 19-311 L-N-P CS Hose End to cover 8,000-12,000 ft<sup>2</sup>

[OPTION A]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the Ready to Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position [with the [green][color] safety tab in the valve notch].
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and a.) bend the [green][color] safety tab back (located at right of [yellow][color] dial) with your [thumb] [finger], b.) hold while turning [yellow][color] dial clockwise until it stops in the "ON" position. Water will automatically mix with the product.
5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion.
6. To STOP spraying, QUICKLY turn the [yellow][color] dial counterclockwise to the "OFF" position until it stops and the safety tab engages [into the notch on the valve]. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the [green][color] safety tab back and turn dial setting to "WATER" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position [with [green][color] safety tab in the valve notch]. Place in cool area away from heat, sunlight or open flame. ]

[Option B]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

1. Shake container well before each use.
2. Attach a garden hose to the Ready to Spray nozzle. For first time use, remove the safety tab [below][by] the SPRAY button on the toggle switch by pushing to the left or right until the tab breaks free. Make sure the toggle switch remains in the "OFF" position. For subsequent uses make sure the toggle switch is in the "OFF" position before attaching hose.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying point nozzle toward treatment site and press the SPRAY button on the toggle switch until it clicks into the "ON" position. Water will automatically mix with the product.
5. Spray until wet to control listed pests. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying push the "OFF" button on the toggle switch until it stops. Turn water off at faucet. To relieve pressure before removing nozzle from hose, press the SPRAY button on the toggle switch until water stops spraying.

7. To STORE unused product make sure the toggle switch is in the “OFF” position. Place in a cool area away from heat, sunlight or open flame.]

[Option C]

[USING THE READY TO SPRAY NOZZLE {Optional subheading}]

CONNECT HOSE

1. Shake Well.
2. Make sure control lever is in the “OFF” position.
3. Attach to hose.
4. Turn on water.

SPRAY

5. Aim towards direction of application and away from you.
6. Turn control lever to “ON” to begin spraying.
7. Spray evenly and as directed for specified type of treatment area.

FINISH/STORE

8. When finished turn control lever to “OFF”.
9. Turn faucet off. Discharge residual water pressure by turning control lever “ON” and “OFF” again.
10. Disconnect Sprayer and Store / Discard as instructed.]

[Option D]

[USING THE READY TO SPRAY NOZZLE, HOSE END SPRAYER INSTRUCTIONS, HOW TO USE THE [INSERT HOSE END SPRAYER NAME] or DIRECTIONS FOR HOSE END SPRAYER {Optional Subheading}]

1. Shake container well before each use.
2. Connect a garden hose to the sprayer nozzle. Make sure switch is in the “OFF” position.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet to avoid moving through the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and turn to “ON” position. When water is on, it will automatically mix with the product.
5. Spray until wet [to control listed pests]. Walk at a steady pace, working back toward the faucet while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, turn to “OFF” position. Turn water off at faucet. To relieve pressure before removing nozzle from hose, turn to on until water stops spraying.
7. To STORE unused product, make sure switch is in the “OFF” position.
8. Place in cool area away from heat, sunlight or open flame.]

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

#### **CONTAINER HANDLING:**

*For Containers equal to or less than 5 Gallons:* Nonrefillable container. Do not reuse or refill this container. Clean container 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available, then dispose of container in a sanitary landfill

### 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.

**[OPTIONAL MARKETING STATEMENTS]** {applicable to both sub-labels B and C}

*[Miscellaneous Efficacy related claims]*

- Breaks the cycle of insect reproduction to control Fleas, Stored Product Pests, Cockroaches, Flies, Lone Star Ticks, and other pests
- Breaks the lifecycle of pests
- Reduces egg production in houseflies and prevents development of larvae into adults.

*[Flea and Tick Efficacy related claims]*

- Disrupts [Breaks] the life cycle of fleas
- Kills pre-adult [larval] fleas, including eggs for up to [210 days] [30 weeks] [7 months]
- 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 Ticks that may transmit Haemobartonellosis/ Anaplasma phagocytophilum [to cats/dogs]
- Kills Ticks that may transmit Cytauxzoonosis/ Tularemia to cats
- Kills Ticks that may transmit Anaplasma/ Babesiosis/ Ehrlichiosis/ Lyme borreliosis/ Rocky Mountain spotted fever/ Hemoplasmosis/ Mycoplasma [to dogs]
- Kills ticks that may transmit [the] Powassin/POW disease/virus
- Kills ticks that may transmit Lyme disease
- Inhibits re-infestation by fleas for up to [210 days] [30 weeks] [7 months]
- If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adult
- Stops [prevents] fleas from developing into egg laying adults.
- Two [2] applications per year, keep fleas under control

*[Cockroach Efficacy Related Claims]*

- Interrupts [breaks] the life cycle of cockroaches
- Inhibits re-infestation by cockroaches for [180 days] [26 weeks] [6 months]
- One treatment works for [180 days] [24 weeks] [6 months] against hatching cockroaches [nymphal (emerging) cockroaches] [hatching eggs (nymphs)] and crickets.
- One treatment stops listed cockroaches from generating reproductive offspring for up to [180 days] [26 weeks] [6 months]
- Effectively controls cockroach populations by preventing reproduction [thereby killing future generations]
- Prevents [inhibits] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]
- Stops [prevents] fleas and cockroaches from developing into egg laying adults.

*[Mosquito Efficacy Related Claims]*

- Kills mosquitos that may transmit [the] [Dengue] [Zika] [Chikungunya] [and] [West Nile] virus.
- Kills mosquitos that may transmit [the] [Dengue Fever] [Yellow Fever] [Encephalitis]
- Kills mosquitoes that may transmit Heart worm [to cats/dogs]
- Kills mosquitoes that may transmit Subcutaneous dirofilariasis [to cats/dogs/people]
- Controls mosquitoes

- Controls Aedes mosquitoes
- Kills adults \* \*mosquitoes
- Kills mosquito[es] [adults]
- Kills mosquito adult
- Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] in your yard [for 60 days] ] [for 2 months]
- Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] for [60 days] ] [for 2 months]
- Controls mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves]
- Controls (*Anopheles*, *Culex*, *Aedes*) mosquitoes on [ornamental] [plant[s]] [hedges] [shrubs] [leaves] [for 60 days] ] [for 2 months]
- Kills mosquitoes on trees in your yard
- Controls mosquitoes on tree[s] [leaves] in your yard
- Controls mosquitoes on [tree[s]] [leaves] [in your yard] [for 60 days] [for 2 months]
- Controls mosquitoes on tree leaves [in your yard]
- Controls (*Anopheles*, *Culex*, *Aedes*) mosquitoes on [ornamental] [plant[s]] [leaves] [for 60 days] [for 2 months]
- Controls [*Anopheles*, *Culex*, *Aedes*] mosquitoes on tree leaves [in your yard] [for 60 days] ] [for 2 months]

*[General Marketing Claims]*

- Automatically mixes as you spray
- Bonus Size
- Broad Spectrum [Insect Killer] [Insecticide] [Concentrate]
- Bug Killer
- Can be used as an outdoor barrier treatment
- Combo Pack
- Control [Kills] [invading] damaging insects [pests] as listed
- Controls [insert listed pest]
- Controls Ants (excluding pharaoh, harvester and carpenter), Aphids, Chinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod Webworms & many more
- Controls Fire Ants for up to 4 Weeks
- Controls Mosquitoes, Chinch Bugs, Fleas, Grubs, Aphids, Fire Ants & Mites
- 
- Don't let insects [bugs] feed on your [][landscape][and][] another day
- Easily covers large areas
- Easy to use
- Easy-to-use sprayer
- Economical – use to cover large areas
- Est. [2021]
- Established Brand since [insert year]
- For Broadcast and Barrier use
- For (Ornamental) Insects
- For Ornamental, and [Perimeters][Around the Home]
- Formulated and packaged in the USA
- Got [insert listed pest here]? Get [brand]!
- Great value



- Guaranteed results\* \*or your money back (\* in close proximity to the claim)
- Guaranteed to work\* \*or your money back (\* in close proximity to the claim)
- Hate The Bugs. Get [brand]!
- Insect Killer
- Insect Protection
- Kill [annoying] [damaging] [insects] [pests] [today!]
- Kills [harmful] [damaging] [insert listed pest]
- Kills [insert listed pest]
- Kills [insert listed pest], [insert listed pest], [insert listed pest] and 700 other listed pests
- Kills [nuisance][annoying] pests, as listed
- 
- Kills [500, 600, 700] Pests on contact
- Kills 700 [insects][pests]
- Kills above and below the surface
- Kills and prevents over 700 listed [insects][pests]
- Kills Insects
- Kills Ants, Roaches, Spiders and Other Home Invading Pests as listed\* (\* in close proximity to the claim)
- Kills Bugs\* Outside Before They Come Inside \*see label for complete pest list (\* in close proximity to the claim)
- Kills by contact
- Kills Home Invading Insects
- 
- Kills [ornamental] [invading] pests [insects] [including] [ants (excluding harvester, pharaoh and carpenter ants)] [aphids] [armyworms] [beetles] [cutworms] [Japanese beetles] [chinch bugs] [caterpillars] [sod worms] [white flies] and other listed pests [insects]
- Kills Ornamental Insects, including grubs, chinch bugs, European crane flies, fleas, fire ants, mosquitoes, sod webworms, aphids, Japanese beetles, whiteflies, ants (excluding harvester, pharaoh and carpenter ants), mites, deer ticks, and other listed insects
- Kills
- Kills listed bugs outside so they can't come inside
- 
- Kills insects
- Kills listed nuisance pests outdoors [before they can come inside]
- Kills 700 listed pests
- Kills pests by contact
- Kills Pests on Outdoor Surfaces
- Kills/controls bugs/insects [which destroy tree, shrubs, landscape,] [and/or] [which] [annoy people/kids/pets.]
- Kills Fire Ants in 24 hours
- Kills the Fire Ant Mound
- Kills the Queen and the Mound
- 
- No [mixing][measuring] required
- No mixing or measuring

- 
- One bottle [32 oz.] to cover up to 8,000 ft<sup>2</sup> [for public health pest control\*\*excluding scorpion]
- One bottle [32 oz.] to cover up to 12,000 ft<sup>2</sup> \* \*for non-public health pests control
- Penetrates [mulch][thatch]
- 
- 
- 
- 
- 
- ]
- 
- 
- 
- 
- 
- Proven [insert listed pest] killer
- Quickly stops damaging insects
- Read the entire label before applying
- Ready To Spray
- 
- Simply connect to hose and spray
- Starts killing [to kill] [listed] bugs [as listed]
- Stops [prevents] [from insects][from pests] as listed [simple] [easy] one [step] [application]
- Tough on [insert listed insects], gentle on [your] [shrubs][trees][ornamentals] [home][brick][wood] [deck]
- Trusted brand for over [insert years]
- Trusted Brand since [insert year]
- Use on [Outdoor Surfaces][plants][trees] [Shrubs][HomePerimeter][][shrubs][ornamentals] [] [homesiding] [ornamentals]
- Value size
- Value/Twin pack
- Visible results
- Won't harm [your] [plants] [shrubs] [trees][ornamentals][home] [wood][siding]
- Won't harm plants or blooms
- [Now]\*[Also] for use on [listed sites] \*{6 month only after approval}
- [Satisfaction] [Guaranteed\*] [kill\*] \*or your money back
- [Simply] attach to [garden] hose and [spray] [go]
- [outdoor] barrier [treatment]
- [controls] [kills] listed pests
- kills over [500] [600] [700] insects\* (\* in close proximity to the claim)

*[Use/Formulation related claims]*

- For outdoor use
- Microencapsulated Insecticide with Insect Growth Regulators for Control of Fleas, Stored Product

Pests, Cockroaches, Crickets, Litter Beetles, and Flying Insects.

- Microencapsulated formulation with three [3] modes of action
- Triple threat against pests
- Contains adulticide and [two] [2] insect growth regulators [IGRs]
- Convenient [combination][all-in-one] product
- Contains [2] IGR[s] [to break pest cycle]
- Contains [2] IGR[s] to reduce adult pest development

### **APPENDIX I** {applicable to both sub-labels B and C}

**[CONTROLS] [ANY OR ALL OF THE FOLLOWING 738 PESTS]**

<b>Crickets:</b>
1. Arizona Cricket
2. blackhorned tree cricket
3. coulee cricket
4. fourspotted tree cricket
5. great tree cricket
6. greenhouse stone cricket
7. house cricket
8. Jerusalem cricket
9. Mormon cricket
10. oceanic field cricket
11. snowy tree cricket
12. two-spotted cricket
13. Common Short-tailed Cricket
14. Tropical Cricket
15. Variable Field Cricket
16. Fall Field Cricket
17. Southeastern Field Cricket
18. Texas Field Cricket
19. Spring Field Cricket
20. Northern Wood Cricket
21. Western Striped Cricket
22. Eastern Striped Cricket
23. Sand Field Cricket
24. Vocal Field Cricket
25. Southern Wood Cricket
<b>Spiders:</b>
26. Hawaiian happy face spider
27. pale leaf spider
28. pantropical huntsman spider
29. red-faced banana spider
30. red-legged banana spider
31. spinybacked spider

32. spotted-legged banana spider
33. striped lynx spider
34. whitebacked garden spider
35. yellow garden spider
36. Star-bellied orb-weaver
37. Twin-flagged jumping spider
38. Communal spider
39. Giant lichen orb-weaver
40. Silver garden spider
41. Black and yellow garden spider
42. Banded garden spider
43. Sylvania jumping spider
44. White-banded fishing spider
45. Dark fishing spider
46. Six spotted fishing spider
47. Woodlouse spider
48. Tropical orb-weaver
49. Hump-backed orb-weaver
50. Spiny-backed orb-weaver
51. Hentz jumping spider
52. Eastern parson spider
53. Huntsman spider
54. Carolina Wolf spider
55. Southern house spider
56. Furrow orb-weaver
57. Mabel orchard orb-weaver
58. Orchard orb weaver
59. Magnolia green jumper
60. Dimorphic jumper
61. Arrow-shaped micrathena
62. Arabesque orb-weaver
63. Western spotted orb-weaver
64. Filmy dome spider
65. Red house spider
66. Giant crab spider
67. Common house spider
68. Green Lynx spider
69. Bold jumper cardinal spider
70. Long-bodied cellar spider
71. Nursery web spider
72. Tan jumping spider
73. Pantropical spider
74. Dotted Wolf spider
75. Rabid Wolf spider
76. Triangulate cobweb spider
77. Golden silk orb-weaver
78. Pseudoscorpion

<b>Leafhoppers:</b>	
79.	angulate leafhopper
80.	apple leafhopper
81.	aster leafhopper
82.	Beardsley leafhopper
83.	beet leafhopper
84.	blackfaced leafhopper
85.	blunt-nosed cranberry leafhopper
86.	bramble leafhopper
87.	Brasilian leafhopper
88.	brown speckled leafhopper
89.	clover leafhopper
90.	corn leafhopper
91.	eastern grape leafhopper
92.	fivespotted gamagrass leafhopper
93.	gray lawn leafhopper
94.	lawn leafhopper
95.	leafhopper assassin bug
96.	lesser lawn leafhopper
97.	little green leafhopper
98.	mountain leafhopper
99.	painted leafhopper
100.	plum leafhopper
101.	potato leafhopper
102.	prune leafhopper
103.	rice leafhopper
104.	robust leafhopper
105.	rose leafhopper
106.	saddled leafhopper
107.	southern garden leafhopper
108.	Stevens leafhopper
109.	tamarix leafhopper
110.	threebanded leafhopper
111.	Virginia creeper leafhopper
112.	western grape leafhopper
113.	western potato leafhopper
114.	white apple leafhopper
115.	whitebanded elm leafhopper
116.	yellowfaced leafhopper
117.	yellowheaded leafhopper
<b>Millipedes:</b>	
118.	garden millipede
119.	rusty millipede
<b>Ants:</b>	

120.	Acrobat ant
121.	Allegheny mound ant
122.	Argentine ant
123.	Asian needle ant
124.	bigheaded ant
125.	Black turf ant
126.	cornfield ant
127.	crazy ant
128.	ghost ant
129.	Guinea ant
130.	gypsy ant
131.	high noon ant
132.	larger yellow ant
133.	Lawn ant
134.	little black ant
135.	little yellow ant
136.	longlegged ant
137.	odorous house ant
138.	pavement ant
139.	pyramid ant
140.	silky ant
141.	slender twig ant
142.	smaller yellow ant
143.	Small honey ant
144.	tawny crazy ant
145.	Texas leafcutting ant
146.	thief ant
147.	western thatching ant
148.	White-footed ant
<b>Flies:</b>	
149.	Alfalfa gall midge
150.	Allium leafminer
151.	Asparagus miner
152.	Balsam gall midge
153.	Bean fly
154.	bean seed maggot
155.	Beet leafminer
156.	Black soldier fly
157.	Blue soldier fly
158.	Blueberry gall midge
159.	Boxwood leafminer
160.	Cabbage maggot
161.	Cheese skipper
162.	Chokecherry midge
163.	Chrysanthemum gall midge
164.	Clear Lake gnat

165.	Cucurbit midge
166.	Drone fly
167.	European crane fly
168.	Flase stable fly
169.	Frit fly
170.	Flower fly
171.	Flower-loving fly
172.	Ginger maggot
173.	Guar midge
174.	Hairy maggot blow fly
175.	Hessian fly
176.	Holly leafminer
177.	Juniper midge
178.	Lantana gall fly
179.	Lantana seed fly
180.	Lesser bulb fly
181.	Long-legged fly
182.	Melon fly
183.	Moth Fly
184.	Native Holly leafminer
185.	Onion maggot
186.	Pear midge
187.	Pepper maggot
188.	Pigeon fly
189.	Potato scab gnat
190.	Poplar twiggall fly
191.	Range crane fly
192.	Redtailed tachina
193.	Robber flies
194.	Rose midge
195.	Sonchus fly
196.	Sorghum shoot fly
197.	Soybean nodule fly
198.	Spinach leafminer
199.	Spotted-wing Drosophila
200.	Sunflower maggot
201.	Turnip maggot
202.	Walnut husk fly
203.	Wheat midge
204.	White-mold gall midge
205.	Willow beaked-gall midge
206.	grasshopper bee fly
207.	grasshopper maggots
<b>Cutworms:</b>	
208.	army cutworm
209.	black army cutworm

210.	black cutworm
211.	bristly cutworm
212.	bronzed cutworm
213.	claybacked cutworm
214.	clover cutworm
215.	darksided cutworm
216.	dingy cutworm
217.	glassy cutworm
218.	granulate cutworm
219.	larger Hawaiian cutworm
220.	pale western cutworm
221.	palesided cutworm
222.	redbacked cutworm
223.	roughskinned cutworm
224.	smaller Hawaiian cutworm
225.	spotted cutworm
226.	striped cutworm
227.	variegated cutworm
228.	w-marked cutworm
229.	western bean cutworm
230.	western w-marked cutworm
231.	white cutworm
232.	winter cutworm
233.	yellowheaded cutworm
<b>Weevils:</b>	
234.	alfalfa weevil
235.	annual bluegrass weevil
236.	apple flea weevil
237.	arborvitae weevil
238.	Asiatic oak weevil
239.	Australian fern weevil
240.	bean stalk weevil
241.	bean weevil
242.	black elm bark weevil
243.	black sunflower stem weevil
244.	black vine weevil
245.	boll weevil
246.	broadbean weevil
247.	broadnosed grain weevil
248.	bronze appletree weevil
249.	cabbage seedpod weevil
250.	carrot weevil
251.	citrus root weevil
252.	clover head weevil
253.	clover leaf weevil
254.	clover seed weevil



255.	cocklebur weevil
256.	coffee bean weevil
257.	cowpea weevil
258.	cranberry weevil
259.	cribrate weevil
260.	currant fruit weevil
261.	dodder gall weevil
262.	Douglas-fir twig weevil
263.	eastern pine weevil
264.	Egyptian alfalfa weevil
265.	Engelmann spruce weevil (Also called Sitka spruce weevil and white pine weevil)
266.	European elm flea weevil
267.	Fijian ginger weevil
268.	filbert weevil
269.	goldenheaded weevil
270.	gorse seed weevil
271.	granary weevil
272.	gray sunflower seed weevil
273.	hazelnut weevil
274.	hollyhock weevil
275.	immigrant acacia weevil
276.	imported crucifer weevil
277.	imported longhorned weevil
278.	iris weevil
279.	kiawe bean weevil
280.	koa haole seed weevil
281.	large chestnut weevil
282.	lesser clover leaf weevil
283.	lesser orchid weevil
284.	lilac root weevil
285.	lily weevil
286.	lodgpole terminal weevil
287.	mahogany bark weevil
288.	maize weevil
289.	mango weevil
290.	Mexican bean weevil
291.	mile-a-minute weevil
292.	milfoil weevil
293.	Monterey pine weevil
294.	New Guinea sugarcane weevil
295.	New York weevil
296.	nutgrass weevil
297.	obscure root weevil
298.	pales weevil
299.	pea leaf weevil
300.	pea weevil
301.	pecan weevil

302.	pepper weevil
303.	pine gall weevil
304.	pine root collar weevil
305.	pine root tip weevil
306.	pineapple weevil
307.	pitch-eating weevil
308.	portulaca leafmining weevil
309.	pruinose bean weevil
310.	puncturevine seed weevil
311.	puncturevine stem weevil
312.	red clover seed weevil
313.	red elm bark weevil
314.	red palm weevil
315.	red sunflower seed weevil
316.	rice water weevil
317.	rice weevil
318.	Rocky Mountain billbug
319.	rough strawberry root weevil
320.	salvinia weevil
321.	sandcherry weevil
322.	sesbania clown weevil
323.	silky cane weevil
324.	Sitka spruce weevil (Also called Englemann spruce weevil and white pine weevil)
325.	small chestnut weevil
326.	South African emex weevil
327.	southern corn billbug
328.	southern pine root weevil
329.	strawberry bud weevil
330.	strawberry root weevil
331.	sunflower headclipping weevil
332.	sunflower root weevil
333.	sunflower stem weevil
334.	sweetclover weevil
335.	sweetpotato weevil
336.	Tahitian coconut weevil
337.	tamarind weevil
338.	thurberia weevil
339.	twobanded Japanese weevil
340.	vegetable weevil
341.	Warren root collar weevil
342.	West Indian cane weevil
343.	West Indian sweetpotato weevil
344.	white pine weevil (Also called Englemann spruce weevil and Sitka spruce weevil)
345.	willow flea weevil
346.	woods weevil
347.	Yosemite bark weevil

<b>Cockroaches:</b>	
348.	Asian cockroach
349.	cinereous cockroach
350.	Cuban cockroach
351.	harlequin cockroach
352.	Madeira cockroach
353.	Pacific beetle cockroach
354.	Pacific cockroach
355.	spotted Mediterranean cockroach
356.	Surinam cockroach
357.	Turkestan cockroach
358.	whitemargined cockroach
<b>Earwigs:</b>	
359.	black earwig
360.	European earwig
361.	ringlegged earwig
362.	striped earwig
<b>Grasshoppers:</b>	
363.	American grasshopper
364.	bigheaded grasshopper
365.	Carolina grasshopper
366.	clearwinged grasshopper
367.	devastating grasshopper
368.	differential grasshopper
369.	eastern lubber grasshopper
370.	greenstriped grasshopper
371.	High Plains grasshopper
372.	Japanese grasshopper
373.	lubber grasshopper
374.	migratory grasshopper
375.	Nevada sage grasshopper
376.	Packard grasshopper
377.	pallidwinged grasshopper
378.	pictured grasshopper
379.	pinkwinged grasshopper
380.	plains lubber grasshopper
381.	redlegged grasshopper
382.	Rocky Mountain grasshopper
383.	twostriped grasshopper
384.	vagrant grasshopper
385.	angularwinged katydid
386.	broadwinged katydid
387.	forktailed bush katydid

<b>Mealybugs:</b>	
388.	apple mealybug
389.	araucaria mealybug
390.	bamboo mealybug
391.	banana mealybug
392.	citrophilus mealybug
393.	citrus mealybug
394.	coconut mealybug
395.	Comstock mealybug
396.	dendrobium mealybug
397.	grape mealybug
398.	gray pineapple mealybug
399.	gray sugarcane mealybug
400.	ground mealybug
401.	hawthorn mealybug
402.	hibiscus mealybug
403.	longtailed mealybug
404.	madeira mealybug
405.	Mexican mealybug
406.	obscure mealybug
407.	palm mealybug
408.	pandanus mealybug
409.	papaya mealybug
410.	pineapple mealybug
411.	pink hibiscus mealybug
412.	pink sugarcane mealybug
413.	Rhodesgrass mealybug
414.	spruce mealybug
415.	striped mealybug
<b>Silverfish &amp; Bark Lice:</b>	
416.	Cosmopolitan Grain Psocid
417.	Silverfish
418.	Firebrat
419.	Booklouse
420.	Larger pale trogiid
421.	Reticulatewinged trogiid
<b>Sod Webworm:</b>	
422.	tropical sod webworm
<b>Pillbug:</b>	
423.	Pillbug
<b>Sowbug:</b>	
424.	Sowbug
425.	Watercress Sowbug

<b>Borers:</b>	
426.	European corn borer
427.	Southern corn borer
<b>Walking Sticks:</b>	
428.	Giant Walkingstick
429.	Northern Walkingstick
430.	Twostriped Walkingstick
<b>Beetles &amp; Wireworms:</b>	
431.	Abbreviated wireworm
432.	Asian lady beetle
433.	Asiatic garden beetle
434.	black turfgrass ataenius
435.	bluegrass billbug
436.	claycolored billbug
437.	Columbia Basin wireworm
438.	dryland wireworm
439.	eastern field wireworm
440.	Green June beetle
441.	Great Basin wireworm
442.	Gulf wireworm
443.	hunting billbug
444.	Japanese beetle
445.	little brown mealybug destroyer
446.	maize billbug
447.	May or June beetles
448.	mealybug Destroyer
449.	nutgrass billbug
450.	Oregon wireworm
451.	Oriental beetle
452.	Pacific Coast wireworm
453.	plains false wireworm
454.	prairie grain wireworm
455.	Puget Sound wireworm
456.	Rocky Mountain billbug
457.	sand wireworm
458.	southern corn billbug
459.	southern potato wireworm
460.	sugarbeet wireworm
461.	tobacco wireworm
462.	western field wireworm
463.	wheat wireworm
<b>Mites:</b>	

464.	aloe mite
465.	asparagus spider mite
466.	avocado brown mite
467.	avocado red mite
468.	azalea white mite
469.	bamboo spider mite
470.	Banks grass mite
471.	Bermudagrass mite
472.	blueberry bud mite
473.	broad mite
474.	brown flour mite
475.	brown mite
476.	brown wheat mite
477.	brownlegged grain mite
478.	bulb mite
479.	bulb scale mite
480.	carmine spider mite
481.	cat follicle mite
482.	cattle follicle mite
483.	cattle itch mite
484.	cheese mite
485.	chicken mite
486.	citrus bud mite
487.	citrus flat mite
488.	citrus red mite
489.	citrus rust mite
490.	clover mite
491.	conifer spider mite
492.	cotton blister mite
493.	creosotebush spider mite
494.	currant bud mite
495.	cyclamen mite
496.	depluming mite
497.	desert spider mite
498.	driedfruit mite
499.	dryberry mite
500.	European red mite
501.	feather mite
502.	fig mite
503.	filbert bud mite
504.	follicle mite
505.	fourspotted spider mite
506.	gardenia bud mite
507.	goat follicle mite
508.	grain mite
509.	grain rust mite
510.	grape erineum mite

511.	grass mite
512.	hemp russet mite
513.	hibiscus erineum mite
514.	hog follicle mite
515.	honey bee mite
516.	honeylocust spider mite
517.	house mite
518.	house mouse mite
519.	lesser follicle mite
520.	litchi mite
521.	mango bud mite
522.	mango spider mite
523.	maple bladdergall mite
524.	McDaniel spider mite
525.	mold mite
526.	northern fowl mite
527.	oxalis spider mite
528.	Pacific spider mite
529.	peach silver mite (Also called plum rust mite)
530.	pear rust mite
531.	pearleaf blister mite
532.	pecan leaf scorch mite
533.	pecan leafroll mite
534.	pine bud mite
535.	pine rosette mite
536.	pineapple false spider mite
537.	plum rust mite (Also called peach silver mite)
538.	pomegranate leafcurl mite
539.	privet mite
540.	red and black flat mite
541.	red grasshopper mite
542.	redberry mite
543.	reticulate mite
544.	Rocky Mountain maple felt mite
545.	scaly grain mite
546.	scalyleg mite
547.	Schoene spider mite
548.	sheep follicle mite
549.	sheep scab mite
550.	sixspotted mite
551.	southern red mite
552.	spruce spider mite
553.	straw itch mite
554.	strawberry spider mite
555.	sugarcane leaf mite
556.	sugarcane stalk mite
557.	Texas citrus mite

558.	tipdwarf mite
559.	tomato russet mite
560.	tropical fowl mite
561.	tropical rat mite
562.	tumid spider mite
563.	twospotted spider mite
564.	walnut blister mite
565.	warty grain mite
566.	western predatory mite
567.	wheat curl mite
568.	Willamette spider mite
569.	winter grain mite
570.	yellow spider mite
571.	Yuma spider mite
<b>Springtails:</b>	
572.	Garden springtail
573.	Snow flea
<b>True Bugs:</b>	
574.	Acacia psyllid
575.	Alder spittlebug
576.	Alfalfa plant bug
577.	American palm cixiid
578.	Apple aphid
579.	Azalea lace bug
580.	Azalea plant bug
581.	Black stink bug
582.	Blue-green sharpshooter
583.	Boxelder aphid
584.	Boxelder bug
585.	Boxwood psyllid
586.	Brown stink bug
587.	Cabbage aphid
588.	Carolina conifer aphid
589.	Celery aphid
590.	Chrysanthemum aphid
591.	Clouded plant bug
592.	Clover aphid
593.	Common damsel bug
594.	Cotton lace bug
595.	Cowpea aphid
596.	Diamondbacked spittlebug
597.	Dogwood spittlebug
598.	Dusky stink bug
599.	Eggplant lace bug
600.	Elm lace bug



601.	Elm leaf aphid
602.	Fern aphid
603.	Fourlined plant bug
604.	Glassy-winged sharpshooter
605.	Goldenglow aphid
606.	Grass sharpshooter
607.	Green spruce aphid
608.	Green stink bug
609.	Hackberry lace bug
610.	Harlequin bug
611.	Hawthorn lace bug
612.	Heath spittlebug
613.	Hickory plant bug
614.	Hollyhock plant bug
615.	Hyaline Grass bug
616.	Insidious flower bug
617.	Ivy aphid
618.	Kudzu bug
619.	Large milkweed bug
620.	Leaffooted bug
621.	Leafhopper assassin bug
622.	Lined spittlebug
623.	Meadow plant bug
624.	Meadow spittlebug
625.	Minute pirate bug
626.	Morill Lace Bug
627.	Oleander aphid
628.	Onion plant bug
629.	Pea aphid
630.	Pecan spittlebug
631.	Pine spittlebug
632.	Periodical cicada
633.	Ragweed plant bug
634.	Rapid plant bug
635.	Red assassin bug
636.	Red-banded stink bug
637.	Rose aphid
638.	Rough stink bug
639.	Saratoga spittlebug
640.	Sow thistle aphid
641.	Spined soldier bug
642.	Spiny assassin bug
643.	Spirea aphid
644.	Spruce aphid
645.	Squash bug
646.	Sunflower spittlebug
647.	Sweetclover aphid

648.	Sycamore lace bug
649.	Tarnished plant bug
650.	Thistle aphid
651.	Thread bug
652.	Toad bug
653.	Torpedo bug
654.	Twolined spittlebug
655.	Viburnum aphid
656.	Walnut aphid
657.	Western bigeyed bug
658.	Western plant bug
659.	Yucca plant bug
<b>Hymenoptera:</b>	
660.	Balsam fir sawfly
661.	Birch sawfly
662.	Black grain stem sawfly
663.	Blackheaded ash sawfly
664.	Brownheaded ash sawfly
665.	Elm sawfly
666.	Grape sawfly
667.	Grass sawfly
668.	Hemlock sawfly
669.	Honeysuckle sawfly
670.	Jack pine sawfly
671.	Larch sawfly
672.	Pear sawfly
673.	Raspberry sawfly
674.	Red pine sawfly
675.	Scarlet oak sawfly
676.	Slash pine sawfly
677.	Violet sawfly
678.	White pine sawfly
679.	Willow sawfly
680.	Willow shoot sawfly
681.	Yellowheaded spruce sawfly
<b>Ephemeroptera:</b>	
682.	Mayfly
683.	March Brown mayfly
684.	Blue dun mayfly
685.	Small minnow mayfly
686.	Pronggilled mayfly
687.	Sand-burrowing mayfly
688.	Small squaregilled mayfly
689.	Large squaregilled mayfly
690.	Spiny crawler mayfly

691.	Little stout crawler mayfly
692.	Common burrower mayfly
693.	Flathead mayfly
<b>Neuroptera:</b>	
694.	Barber brown lacewing
695.	Comanche lacewing
696.	Common green lacewing
697.	Goldeneyed lacewing
698.	Johnson's green lacewing
699.	Spottedwinged antlion
700.	Eastern Dobsonfly
701.	Western Dobsonfly
<b>Embioptera:</b>	
702.	Oceanic embiid
703.	Saunders embiid
<b>Thysanoptera (Thrips):</b>	
704.	Avocado Thrips
705.	Banana Rind thrips
706.	Banded Greenhouse thrips
707.	Basswood thrips
708.	Bean thrips
709.	Black flower thrips
710.	Black hunter thrips
711.	Blueberry thrips
712.	Camphor thrips
713.	Chrysanthemum thrips
714.	Clidemia thrips
715.	Cuban laurel thrips
716.	Flower thrips
717.	Gladiolus thrips
718.	Grain thrips
719.	Grape thrips
720.	Grass Thrips
721.	Greenhouse thrips
722.	Hawaiian Flower Thrips
723.	Hawaiian Grass Thrips
724.	Introduced Basswood Thrips
725.	Iris Thrips
726.	Lily bulb thrips
727.	Melon thrips
728.	Mullein Thrips
729.	Pear thrips
730.	Privet thrips
731.	Redbanded thrips

732.	Sixspotted thrips
733.	Slash Pine Flower Thrips
734.	Star Jasmine thrips
735.	Tobacco thrips
736.	Vanda thrips
737.	Vespiform thrips
738.	Western Flower Thrips

[Optional Appendix II] {applicable to both sub-labels B and C}

