

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

Date of Issuance:

Term of Issuance:

EPA Reg. Number:

12/22/21

ΓICE OF PESTICIDE:

NO' X Registration Reregistration (under FIFRA, as amended)

Unconditional Name of Pesticide Product:

Lambda 2ME

Name and Address of Registrant (include ZIP Code):

Prime Source, a subsidiary of Albaugh LLC 1525 NE 36th Street Ankeny, IA 50021

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:	Date:
Jacquelyn Herrick, Product Manager 3 IVB1, Registration Division (7505P)	12/22/21

- 2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 89442-60."
- 3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 12/06/2021

If you have any questions, please contact Rebecca Lasko by phone at 202-565-2469, or via email at lasko.rebecca@epa.gov.

Enclosure

LAMBDA 2ME

INSECTICIDE

{For both indoor and outdoor use. For use in, on and around buildings and structures for the control of listed pests, including on ornamental trees and shrubs around residential, institutional, public, commercial, agricultural and industrial buildings.} (Note to reviewer – this text will either appear on the front panel of the label or in the body of label)

ACTIVE INGREDIENT:

Lambda-cyhalothrin:	22.88%
OTHER INGREDIENTS:	
TOTAL:	

This product contains 2.08 pounds of active ingredient per gallon and is a capsule suspension. Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID		
IF IN EYES:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice. 	
IF SWALLOWED:	 Immediately call a poison control center or doctor. DO NOT induce vomiting unless told to do so by a poison control center. DO NOT give any liquid to the person. DO NOT give anything by mouth to an unconscious person. 	
IF ON SKIN OR CLOTHING:	 Take of contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. 	
IF INHALED:	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. 	
HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24 hour Medical or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC toll free at 1-800-424-9300.		
NOTE TO PHYSICI	AN: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	

[[See [inside booklet] for [complete] [First Aid,] [Precautionary Statements,] [Directions For Use,] [State-Specific Crop and/or Use Site Restrictions] [and] [Conditions of Sale and Warranty]].

EPA Reg. No. 89442	EPA Est. No
Net Contents:	

MANUFACTURED FOR:

Prime Source, A Division of Albaugh, LLC 1525 NE 36th Street Ankeny, IA 50021

ACCEPTED

12/22/2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

89442-60

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- -Long-sleeved shirt and long pants
- -Shoes plus socks
- -Chemical-resistant gloves made of barrier laminate or butyl rubber or nitrile rubber or Viton
- -Protective evewear

USER SAFETY RECOMMENDATIONS

Users should:

- -Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- -Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- -Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. 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 run - off 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 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 AND CHEMICAL HAZARDS

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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.

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 lawns or grounds.

This product is RESTRICTED for use in New York State.

Do not allow children or pets to contact treated surfaces until spray has dried.

Do not apply this product on residential lawns and turf in residential settings (e.g. homes, parks, schools, athletic fields, or any other areas frequented by the general public).

Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.

APPLICATION RESTRICTIONS FOR RESIDENTIAL OUTDOOR SURFACE AND SPACE SPRAYS:

All outdoor applications must be limited to spot or crack -and-crevice treatments only, except for the following permitted uses:

- 1. Applications to pervious surfaces such as soil or vegetation around structure;
- 2. Applications to vegetation around institutional, commercial, agricultural and industrial buildings;
- 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:
- Applications to vertical surfaces directly above pervious surfaces, such as bare soil, lawn, turf, mulch or other vegetation, only if the pervious surface does not drain into ditches, storm drains, gutter or surface waters, in order to control occasional invaders or aggregating pests.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Do not apply the product into fish pools, ponds, streams, or lakes.

Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. During application, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

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 apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

Do not apply when the wind speed is greater than 15 mph.

This product is restricted for use in the State of New York.

RESISTANCE MANAGEMENT

This product is a Group 3 Insecticide (contains the active ingredient lambda-cyhalothrin). Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control, and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

PERIMETER PEST CONTROL

This product is for use as a general surface (nonfood/nonfeed areas), crack and crevice, or spot treatment in, on, and around buildings and structures and their immediate surroundings, and on modes of transport. Areas of use: industrial buildings, houses, patios, porches, closets, furniture, apartment buildings, mobile homes, laboratories, buses, greenhouses (noncommercial), stores, factories, warehouses, wineries, vessels, railcars, trucks, trailers, aircraft (cargo and other non-cabin areas only), schools, nursing homes, hospitals, mausoleums, restaurants, hotels, correctional facilities, livestock/poultry housing, pet kennels, food granaries, food grain mills and food manufacturing, processing, and servicing establishments.

Nonfood/nonfeed areas of food/feed handling establishments include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

For indoor applications, retreat at 21-day intervals to maintain control. More frequent treatments are limited to spot treatments.

MIXING INSTRUCTIONS

Dilute this product with water for application using hand-held or power-operated application equipment as a coarse spray for crack and crevice or spot and general surface (nonfood/ nonfeed areas only) treatments. Application equipment that delivers low volume treatments, such as the Micro-Injector® or Actisol® applicator, may also be used to make crack and crevice or spot and general surface treatments. Fill applicator tank with the desired volume of water and add this product. Close and shake before use in order to ensure proper mixing. Shake or re-agitate applicator tank before use if application is interrupted. Mix only amount of treatment volume as required. This product may be applied by using a paintbrush or other porous applicator attached to a handle as a general surface treatment.

TANK MIXING

This product may be tank mixed with other currently registered pesticides unless expressly prohibited by the product label. A small volume mixing test with the other products is recommended to ensure compatibility. If other chemicals are added to the applicator tank, add this product last. If mixed with EC formulations, use within 24 hours. Fill tank to desired volume and continue to agitate while making applications.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

This product may be tank mixed with an Insect Growth Regulator (IGR). Follow all restrictions and precautions which appear on the labels of these products.

FOAM APPLICATIONS

This product may be converted to a foam and the foam used to treat structural voids to control or prevent pests including ants, bees, termites (above ground only), wasps, or other listed arthropods harboring in walls, under slabs, or in other void areas.

RATES FOR PESTS (HAND APPLICATION EQUIPMENT)

Pests	Dilution Rate (Concentration of AI)	SPECIFIC USE DIRECTIONS
Ants Bedbugs(adult) Bees Boxelder Bugs Carpenter Bees Carpet Beetles Centipedes Cigarette Beetles Clover Mites Cockroaches¹ Confused Flour Beetles Crickets Earwigs	0.084 fl. oz. (2.5 mL) to 0.168 fl. oz. (5.0 mL) Per gallon of water (0.015-0.03% AI)	Ants: Apply to any trails around doors and windows and other places where ants may be found. Locate and treat nests. Where ants are trailing inside, apply as a residual surface treatment to active areas: baseboards, corners, around pipes, in and behind cabinets, behind and under refrigerators, sinks, furnaces and stoves, cracks and crevices. When combining baits and residual surface insecticides, apply surface insecticides in cracks and crevices, along baseboards, and infested surfaces and outside barrier treatments. Use baits in other areas that are untreated by residual insecticides; also see Outdoor Surfaces Use. Bedbugs: Clean floors and surfaces by vacuuming. Apply as a coarse, low-pressure spray to harborage areas

Pests	Dilution Rate (Concentration of AI)	SPECIFIC USE DIRECTIONS
Firebrats Fleas ²		including crevices, baseboards, loose plaster, behind bed frames and headboards, beneath beds and furniture, and to
Flies		bedsprings and bed frames.
Lesser Grain Borers		Do not apply to furniture surfaces or mattresses where
Millipedes		people will be laying or sitting. Do not treat infested bedding,
Mosquitoes		instead remove and place in sealed plastic bags, and taken
Red Flour Beetles		for laundering and drying at high temperatures.
Rice Weevils		
Saw-toothed Grain		
Beetles		
Silverfish		
Sow bugs		
Spiders		
Stink Bugs		
Ticks		
Wasps		

Pests	Dilution Rate (Concentration of AI)	SPECIFIC USE DIRECTIONS
Cockroaches ¹ Crickets ⁶ Flies ^{5*} Litter Beetles ³ (adults/ immature stages such as Darkling, Hide, and Carrion) Mosquitoes ⁴ Pillbugs Scorpions Spiders ⁶ Spider Mites (Two-spotted, Spruce) Stink Bugs ⁶ Ticks ⁶	0.336 f l. oz. (10.0 mL) per gallon of water (0.06% AI)	Cockroaches, Crickets, Earwigs, Firebrats, Silverfish, Spiders and Stink Bugs: Apply as a coarse, low pressure spray to areas where these pests hide: baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, cabinets, behind and under refrigerators, sinks, furnaces and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices; also see Outdoor Surfaces Use. Bees, Flies, Mosquitoes, and Wasps: Apply directly to walls, ceilings, window screens, and other resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see Outdoor Surfaces Use. Use caution when treating nests of stinging insects as this product does not provide instant knockdown. Protective equipment for the applicator against stinging pests may be required. Treat bee, wasp and hornet nests late in the day when most insects will be present. Allow 2-3 days for the colony to die and repeat after 21 days, if necessary. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Apply this product at specified rates in 2-5 gals. of water per 1,000 sq. ft. Carpenter Bees: Apply coarse spray to thoroughly wet wood surfaces where bees have been previously active or to provide protection against further damage. Apply early in the spring to prevent bees from invading wood. When bees have infested wood, surface applications can help control embedded larvae and bees that emerge from the wood.

Pests	Dilution Rate (Concentration of AI)	SPECIFIC USE DIRECTIONS
		Pantry Pests (i.e., Carpet beetle, Cigarette beetle, Confused flour beetle, Lesser grain borer, Red flour beetle, Rice weevil, and Saw-toothed grain beetle): Apply to cupboards, shelving, and storage areas. Remove all utensils, uncovered foodstuffs (or any having original package opened), and shelf paper before making application. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff, or other items. Destroy any foodstuff accidentally contaminated with treatment solution.
		Boxelder Bugs, Centipedes, Millipedes, Pillbugs, and Sow bugs: Apply around doors and windows and other places where these pests may be found or where they may enter premises. Treat baseboards, storage areas, and other locations. Apply treatments to prevent infestation as described below; also see Outdoor Surfaces Use.
		Fleas and Ticks: To control nuisance fleas and ticks (e.g. dog ticks) apply to kennels, yards, runs, and other areas where pets may frequent. To control ticks, apply using a coarse fan spray to vegetation brush, branches, rock walls, and other areas near habitation where ticks may harbor or frequent. Treat entire area rather than making spot treatments, and retreat as necessary to maintain control. For non-residential use only.
		Do not apply to pasture or cropland, and do not allow animals and people access to treated areas until the deposit has dried. Applications can begin in the spring and can continue until frost to control both larvae and adult ticks; also see Outdoor Surfaces Use. Do not apply directly to animals.
		Cluster Flies: Apply in late summer or early fall before flies are observed alighting on surfaces. Apply thoroughly on siding, under eaves, and around windows and doors, paying particular attention to south-facing surfaces, but do not allow runoff to occur. Heavy precipitation prior to frost may require retreatments to maintain protection. In winter and spring when flies become active and are emerging, interior crack and crevice and void treatments can help reduce the infestation, along with ULV or general surface application in infested attics or unoccupied lofts.
		Litter Beetles (Darkling, Hide, and Carrion Beetles) and Flies In Animal Housing (Such As Poultry Houses): To control adult litter beetles, apply this product to walls and floors at cleanout, before reintroduction of animals. This will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls, and around feeders. To help control flies, apply a directed application to horizontal surfaces and overhead areas and allow to dry before reintroduction of animals; also see Livestock/Poultry Housing Structures and Pet Kennels.
Termites (above ground only)	0.084 fl. oz. (2.5 mL) to 0.168 fl. oz. (5.0 mL) per gallon of water	This product may be used on termites to kill workers or winged reproductive forms which may be present in treated channels at the time of treatment. Do not use this product as the sole source of control for active, structural infestations by

Pests	Dilution Rate (Concentration of AI)	SPECIFIC USE DIRECTIONS
	(0.015-0.03% AI)	subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestation.

^{*}Not approved for use in California at the 0.06% Al rate.

Application within Food Handling Establishments

For places other than private residences in which exposed food is held, processed, prepared, or served: areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing foods, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups), and serving areas.

Use as a crack and crevice or spot treatment in and around both food and nonfood areas. Apply in small amounts directly into cracks and crevices, using equipment capable of delivering a pin stream of insecticide, in points between different elements of construction, between equipment and floor, openings leading to voids and hollow spaces in walls, equipment and bases. Clean food contact surfaces and equipment with an effective cleaning compound and rinse with potable water before using.

Limit individual spot treatments to an area no larger than 20% of the treated surface. Individual spot treatments may not exceed two sq. ft. Take extreme care that the product is not introduced into the air. Do not contaminate food and food processing surfaces.

Application within Food Serving Areas

For facilities where foods are served, such as dining rooms. Apply as a crack and crevice or spot treatment to selective surfaces such as baseboards, under elements of construction, and into cracks and crevices. Do not treat surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed.) Food must be covered or removed in area being treated. Do not apply directly to food or allow applications to contaminate food.

NOTE: Application of this product in the Food Areas and/or Food Serving Areas of Food Handling Establishments other than as a spot and/or crack and crevice treatment is not permitted. Limit the use of application equipment such as the Micro-Injector® or Actisol® applicator in food areas to crack and crevice treatment only.

Livestock/Poultry Housing Structures and Pet Kennels

Apply as a general surface (including directed sprays) and/or crack and crevice treatment. Make interior and exterior perimeter applications in and around the livestock, poultry, and pet housing structures. Normal cleaning of the structure must also be done along with applications of this product to effectively control the crawling and flying insect pests listed in the table.

With the exception of cattle and calves that may be present, only apply this product to livestock barns or housing structures when unoccupied by animals. Apply to floors, vertical, and overhead surfaces where crawling or listed flying insect pests are or may be present. Cover feeders, waterers, and feed carts before application to prevent contamination. Do not apply to milk rooms or feed rooms. Pay attention to animal areas including stanchions, pipes, windows and doors, and areas

¹For cockroaches, the rate for maintenance treatments is 0.015% and for clean-out treatments is 0.03%. For control of severe infestations, use 0.06% rate.

²For outdoor use only and use 0.03% rate.

³For control of LIGHT beetle infestations, use 0.03% rate.

⁴For residual control, use 0.06% rate.

⁵In all states except California, rates for flies may be increased to 0.06% when environmental conditions are severe and/or populations are high.

⁶For clean-out/severe infestations, use 0.06% rate.

where insect pests hide or congregate. Exterior applications to south facing walls and foundation perimeters can help prevent interior infestations of listed flying and crawling insect pests.

For poultry houses, apply to floor area (birds grown on litter) or to walls, posts, and cage framing (birds grown in cages). Application may also be made into cracks and crevices around insulation. Reapply after each growout or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply in a uniform band 1 - 2 ft. up and 2 - 6 ft. out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

RESTRICTIONS:

- **DO NOT** make interior applications of this product in areas where animals, except cattle and calves, are present in the facility. Allow treated surfaces to completely dry before restocking the facility.
- DO NOT make applications to any animal feedstuffs, water, or watering equipment.
- DO NOT contaminate any animal food, feed, or water in and around livestock, poultry, or pet housing when making applications.
- DO NOT apply directly to animals.
- DO NOT apply to carpets and hard surfaces as a pin stream or coarse spray treatment.

Outdoor Surfaces Use

For control of ants, bees, centipedes, cockroaches, crickets, fleas, flies, millipedes, mosquitoes, scorpions, sowbugs, stink bugs, pillbugs, spiders, termites (above ground only), ticks, wasps, and other listed perimeter arthropod pests.

Apply with either hand or power application equipment as a residual treatment to ornamental plants next to foundations of buildings and to surfaces of buildings, porches, screens, window frames, eaves, patios, garages, refuse dumps, and other similar areas where these insect pests are active.

Do not use this product as the sole source of control for active, structural infestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestation.

Perimeter Treatments

Apply a continual band of insecticide around building foundations and around windows, doors, service line entrances, eaves, vents, and other areas to reduce the potential for entry by crawling pests. Before application, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation. Apply the band up to 7 ft. wide around the structure (or according to state regulations governing commercial pest control) and upwards along the foundation to 2 ft. and around windows, doors, and roof overhangs. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active.

Amount of concentrate is dependent upon pest species (see pest table and comments), infestation levels, and service interval desired.

Rate Table for Perimeter Barrier Applications

Fl. oz. (mL) of this product	Gals. of Water ¹	Area of Coverage (sq. ft.)
0.084 fl. oz. (2.5 mL)	1-5 gals.	800 - 1600 sq. ft
0.168 fl. oz. (5.0 mL)	1-5 gals.	800 - 1600 sq. ft
0.336 fl. oz. (10.0 mL)	1-5 gals.	800 - 1600 sq. ft

¹Application volume may be greater than 5 gals./800-1600 sq. ft. if required under heavy vegetative orlandscaping materials in order to obtain desired coverage.

Application Volume Gals. of Solution per	Application Rate fl.oz.of this product per 1,000	Fl. oz. (mL) of this product to Dilute in Water According to Spray Tank Volumes			
1,000 sq. ft.	sq. ft.	5 gallons	10 gallons	50 gallons	
1 gal. per 1,000 sq. ft.	0.084 fl. oz. (2.5 mL)	0.42 fl. oz. (12.6 mL)	0.84 fl. oz. (25.2 mL)	4.2 fl. oz. (126 mL)	
	0.168 fl. oz. (5.0 mL)	0.84 fl. oz. (25.2 mL)	1.68 fl. oz. (50.4 mL)	8.4 fl. oz. (252 mL)	
	0.336 fl. oz. (10.0 mL)	1.68 fl. oz. (50.4 mL)	3.36 fl. oz. (100.8 mL)	16.8 fl. oz. (504 mL)	
2 gal. per 1,000 sq. ft.	0.084 fl. oz. (2.5 mL)	0.21 fl. oz. (6.3 mL)	0.42 fl. oz. (12.6 mL)	2.1 f l. oz. (63 mL)	
	0.168 fl. oz. (5.0 mL)	0.42 fl. oz. (12.6 mL)	0.84 fl. oz. (25.2 mL)	4.2 fl. oz. (126 mL)	
	0.336 fl. oz. (10.0 mL)	0.84 fl. oz. (25.2 mL)	1.68 fl. oz. (50.4 mL)	8.4 fl. oz. (252 mL)	
5 gal. per 1,000 sq. ft.	0.084 fl. oz. (2.5 mL)	0.084 fl. oz. (2.5 mL)	0.168 fl. oz. (5.0 mL)	0.84 fl. oz. (25.2 mL)	
	0.168 fl. oz. (5.0 mL)	0.168 fl. oz. (5.0 mL)	0.336 fl. oz. (10.0 mL)	1.68 fl. oz. (50.4 mL)	
	0.336 fl. oz. (10.0 mL)	0.336 fl. oz. (10.0 mL)	0.67 fl. oz. (20.1 mL)	3.36 fl. oz. (100.8 mL)	

Example calculation: to apply the mid-rate of this product at a volume of 5 gal./1,000 sq. ft., mix 1.68 oz of concentrate in 50 gallons of water. The percent active ingredient in the finished this product dilution can be calculated with the following formula:

mL needed to add times 22.77% active in concentrate, divided by gal. finished dilution times 3,785 mL/gal. = % active in dilution. (Example: 1.68 fl. oz. in 50 gal. is 50.4 mL times 22.77 equals 1,148, and 50 gal. times 3,785 is 189,250. Dividing 1,148 by 189,250 equals 0.006% active in the tank dilution.)

NOTE: Do not use water based sprays of this product in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Thoroughly wash out sprayer and screen with water and detergent before using this product. This product has not stained or caused damage to painted or varnished surfaces, plastics, fabrics, or other surfaces where water applied alone causes no damage. However, treat a small area and allow to dry, to determine whether staining will occur.

LET TREATED SURFACES DRY BEFORE ALLOWING HUMANS AND ANIMALS TO CONTACT SURFACES.

RESTRICTIONS:

- DO NOT use this product with oil.
- **DO NOT** apply this product in any room being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room.
- DO NOT apply to institutions (including libraries, sports facilities, etc.,) in the immediate area when occupants are present.
- **DO NOT** apply to classrooms when in use.
- DO NOT apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- **DO NOT** allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds that are located in/around structures being treated.

LAWNS/TURFGRASS AND ORNAMENTALS

This product may be used for applications to the following use sites to maintain indoor or outdoor areas where ornamentals are grown: non-residential landscapes around institutional, public, commercial and industrial buildings (including trees, shrubs, flowers, evergreens, foliage plants and groundcovers). Application rates for ornamentals are lower than structural pest control rates, reflecting that treatment intervals are more frequent.

Applicators must ensure that they are certified in the necessary pesticide certification categories to allow application of this product away from structures and ornamental plantings. Structural pest control certification categories may limit the distance away from structures for pesticide application. Consult your state extension office or pesticide regulatory officials for further information.

IMPORTANT: Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

RESTRICTIONS:

- DO NOT apply this product through any type of irrigation system.
- **DO NOT** apply this product to edible crops.
- DO NOT apply this product by aerial application.
- Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, DO NOT apply this
 pesticide within 25 ft. of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and
 commercial fish farm ponds.
- DO NOT make outdoor broadcast applications to turf and ornamentals when wind speed is 15 mph or greater.
- In the state of New York, **DO NOT** apply within 100 ft. of coastal marshes or streams that drain into coastal marshes.

MIXING INSTRUCTIONS

This product is to be mixed with water and may be used in all types of standard application equipment. Fill applicator tank with the desired volume of water and add this product. It is suggested that the water be 5 - 7 pH. Adjust water pH with a buffering agent if necessary. Slowly add this product to applicator tank water with maximum agitation. Close and shake or re-agitate applicator tank before use if application is interrupted. Make up only amount of treatment volume as required.

TANK MIXING

This product may be tank mixed with other currently registered pesticides unless expressly prohibited by the product label. A small volume mixing test with the other products is recommended to ensure compatibility. If other chemicals are added to the applicator tank, add this product last. Fill tank to desired volume and continue to agitate while making applications. If mixed with EC formulations, use within 24 hours.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Follow all restrictions and precautions which appear on the labels of these products.

INSECT CONTROL on ORNAMENTAL PLANTS

This product is for use to control the pests listed in the table below: non turf residential landscaped areas and landscaped areas around institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields (including trees, shrubs, flowers, evergreens, foliage plants and groundcovers). Do not apply this product to turf in areas that are visited by the general public.

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.

RESTRICTIONS:

• **DO NOT** apply more than 0.36 lbs. of the a.i. (22.0 fl. oz. of concentrate) per acre per year.

TANK DILUTION RATES FOR ORNAMENTAL PESTS

PEST	AMOUNT OF THIS PRODUCT	APPLICATION INSTRUCTIONS
Ants (Including Imported fire Ants) Armyworms	0.63 – 2.1 fl. oz. per 100 gals	Apply prior to the establishment of high insect pest populations.
Azalea caterpillarsAphids Bagworms Black vine weevils (adult) Boxelder bugs Budworms California oakworms Cankerworms Cockroaches Crickets Cutworms	or 18.5 – 62.1 mL per 100 gals	Apply at 7-day intervals if retreatment is necessary. Limit more frequent treatment to spot treatments. Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader-sticker at labeled rates may enhance the control of insects on certain species of ornamentals having waxy, hard to wet foliage.

PEST	AMOUNT OF THIS PRODUCT	APPLICATION INSTRUCTIONS
Eastern tent caterpillarsElm leaf beetles European sawflies Fall webwormsFlea beetles		For spot treatments use 0.21 fl. oz. LAMBDA 2ME per 1 - 2.5 gals of water.
Forest tent caterpillars Gypsy moth larvae Japanese beetles (adults)June beetles (adults) Lace bugs		Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.
Leaf-feeding caterpillars Leafhoppers Leafminers (adults)Leaf rollers		Scale: Thoroughly cover the plant with LAMBDA 2ME spray, including trunks, stems, twigs, and foliage for control of scale insects(crawler stage).
Leaf skeletonizersMidges Mosquitoes Oleander moth larvae Pillbugs Pine sawflies Pine shoot beetles		Bagworm: Apply LAMBDA 2ME when bagworm larvae begin to hatch. Spray directly on the larvae. Application is the most effective when the larvae are young.
Pinetip moths Plant bugs Root weevils Sawflies		
Scale insects (crawlers) Spiders Spittlebugs		
Stink bugs Striped beetles Striped oakworms Thrips		
Tip moths Tussock moth larvae Wasps		
Broadmites Brown softscales	1.26 – 2.1 fl. oz. per 100 gals	
California redscales (crawlers) Clover mites Mealybugs Pineneedlescales (crawlers) Spider mites	or	
Whiteflies	36.9 - 62.1 mL per 100 gals	

Mixing Chart for Ornamental Insect Pest Control

(Amount of this product to add per spray tank)

Rate of this product	25 Gallons	50 Gallons	100 Gallons	200 Gallons	300 Gallons
0.63 fl. oz. ¹	0.168 fl. oz.	0.336 fl. oz.	0.63 fl. oz.	1.26 fl. oz.	1.89 fl. oz.
3 fl. oz. ²	0.336 fl. oz.	0.63 fl. oz.	1.26 fl. oz.	2.52 fl. oz.	3.78 fl. oz.
5 fl. oz. ³	0.546 fl. oz.	1.05 fl. oz.	2.1 fl. oz.	4.20 fl. oz.	6.3 fl. oz.

¹ Equivalent to 1.47 mL per 1,000 sq. ft. (2.1 oz. per acre) when applied at 8 gal. per 1,000 sq. ft. ² Equivalent to 2.94 mL per 1,000 sq. ft. (4.2 oz. per acre) when applied at 8 gal. per 1,000 sq. ft. ³ Equivalent to 3.99 mL per 1,000 sq. ft. (5.88 oz. per acre) when applied at 8 gal. per 1,000 sq. ft.

LAWN/TURFGRASS INSECT PEST CONTROL

This product is for use to control the pests listed in the table below around: institutional, commercial and industrial buildings.

RESTRICTIONS:

- KEEP CHILDREN AND PETS OFF TREATED AREAS UNTIL SPRAY HAS DRIED FOLLOWING APPLICATION.
- **DO NOT** apply when turfgrass is waterlogged or when soils are saturated with water (i.e. will not accept irrigation).
- **DO NOT** apply more than 0.36 lbs. of a.i. (22.008 fl. oz. of concentrate) per acre per year.

RATES FOR LAWN AND TURFGRASS PESTS

PEST	AMOUNT OF THIS PRODUCT	APPLICATION INSTRUCTIONS		
Ants (Including Imported FireAnts) Armyworms Centipedes Chinch Bugs¹Crickets Cutworms Earwigs Fleas (adult) Grasshoppers Japanese beetles (adult) Millipedes Mites Mosquitoes (adult)Pillbugs Sod webwormsSow bugs Stink Bugs Ticks (including species which transmit Lyme disease)	1.428 – 2.94 mL per 1,000 sq. ft. or 2.1 – 4.2 fl. oz. per acre	Apply to turf prior to the establishment of high insect pest populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases. Apply at 7-day intervals if retreatment is necessary. More frequent treatments should be limited to spot treatments. For spot treatments, use 0.21 fl. oz. of this product per 1 - 2.5 gals. of water. Surface Insect Control (armyworm, cutworms, fleas, etc.): Apply this product at labeled rates in 2 - 5 gals. of waterper 1,000 sq. ft. The use of a spreader-sticker may be useful if		
		high rainfall amounts are forecast, otherwise the		

PEST	AMOUNT OF THIS PRODUCT	APPLICATION INSTRUCTIONS
Bluegrass billbugs (adult) Black turfgrass ataenius (adult) Chiggers Fleas (adult) Grubs (suppression) Hyperodes weevils (adult) Mole crickets (nymphs and youngadults)	2.94 ml per 1,000 sq. ft or 4.2 fl. oz. per acre	addition of adjuvants is not necessary under normal conditions for surface insect control in turf. Delay watering ormowing for 12 - 24 hours to control surface- feeding insect pests. Thatch Inhabiting Insect Control (chinch bugs, billbugs, etc.): Apply this product at labeled rates in 2 - 10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant or similar adjuvant is recommended at label rates. Lightly irrigate after application with up to 1/2 inch of water to move this product into the thatch layer. If irrigation is not available, then use high water application rates.
		Subsurface Insect Control (mole crickets, grubs,etc.): Apply this product at labeled rates in 4 - 10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent,penetrant or similar adjuvant is strongly recommended following label rates. Use the highest water application rates possible with your sprayer. Apply this product to turf wet with dew, rain or irrigation. Water-in immediately after application with ½ - ½ inch of water.
		Fire Ant Control: Treat individual mounds with a drench application using a watering can. Use 0.21fl. oz. of this product per 2.5 gals of water. Thoroughly soak each mound anda 3 ft. diameter circle around each mound. Gently apply the mixture to avoid disturbing themound. Disturbing the mound may cause the ants to migrate and reduce the effectiveness of the treatment. Apply in early morning or late evening hours. You may make applications on amonthly basis to maintain protection of treatedareas.
		Mosquito Control: Apply as a general spray around landscape plantings, turf, and building foundations to control mosquitoes. Apply this product at labeled rates in 2 - 5 gals. of water per 1,000 sq. ft.

¹ Not for use on chinch bugs in New York state.

^{*} Example: To treat the listed turf pests at the 2.9 mL per 1,000 sq. ft. rate, determine the gallons of dilution per 1,000 sq. ft. needed to adequately cover the turf. At a 5 gallon per 1,000 sq. ft. dilution, take the 2.9 mL and divide it by the 5 (gallon) to get 0.6 mL to be added per gallon. For a 50 gallon tank, therefore, this would be 0.6 mL X 50 = 29.4 mL (or 1.05 fl. oz.) in 50 gallons of water.

Mixing Chart for Turf Insect Pest Control

(Amount of this product to add per 100 gal. spray tank)

Rate of	Application Rate Per 1,000 Square Feet of Turf				
this product	2 Gallons	4 Gallons	6 Gallons	8 Gallons	10 Gallons
2.1 fl oz. per acre 4.2 fl. oz. per acre	2.4 fl. oz. 4.8 fl. oz.	1.2 fl. oz. 2.4 fl. oz.	0.8 fl. oz. 1.6 fl. oz.	0.6 fl. oz. 1.2 fl. oz.	0.5 fl. oz. 1.0 fl. oz.
Conversion Rate: 1 fluid ounce (fl. oz.) equals 29 milliliters (mL).					

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in a cool, dry place. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office. Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

CONTAINER HANDLING:

Containers < 5 Gallons: Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 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, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Minibulk Containers: Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follow: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto it other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Bulk Containers: Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes.

Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When the container is empty, replace the cap and seal all openings that have been opened during use; and return to the point of purchase, or to a designated location named at the time of purchase of this product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. **DO NOT** transport if this container is damaged or leaking. If the container is damaged or leaking, call CHEMTREC. If the container is damaged and leaking or material has been spilled, follow these procedures:

- Cover spill with absorbent material.
- Sweep into disposal container.
- Wash area with detergent and water and follow with clean water rinse.
- **DO NOT** allow to contaminate water supplies.
- Dispose of according to instructions.

If not returned to the point of purchase or to a designated location, clean empty container as instructed above and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and the purchase price will be refunded.

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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of this product, which are beyond the control of ALBAUGH, LLC 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 ALBAUGH, LLC and Seller harmless for any claims relating to such factors.

ALBAUGH, LLC 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. To the extent consistent with applicable law, this warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ALBAUGH, LLC and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALBAUGH, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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LABEL HISTORY

Not part of final printed label

File Name	Revision Mark	Comment
089442.XXX.20210702.Draft	070221	Initial application draft label
089442.XXX.20211207.Draft	120721	Response to EPA comments – incl reg review
089442.XXX.20211209.Draft	120921	Response to EPA comments – add phys chem hazard