



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

89442-64

Date of Issuance:

4/14/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Lambda GN 2ME Select

Name and Address of Registrant (include ZIP Code):

Tasha Lott
Prime Source, A Division of Albaugh LLC.
1525 NE 36th Street
Ankeny, IA 55021

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 (FIFRA).

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.

Continues page 2

Signature of Approving Official:

Jacquelyn Herrick, Product Manager 03
Invertebrate-Vertebrate Branch 1, Registration Division (7505P)

Date:

4/14/23

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 98442-64.”
3. Submit one copy of the 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 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.

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.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 02/25/2022

If you have any questions, please contact Jamey Shuler by phone at (202) 566-2898, or via email at Shuler.Jamey@epa.gov.

Enclosure

RESTRICTED USE PESTICIDE**DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS**

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION

LAMBDA G/N 2ME SELECT

For use to control insect pests on golf course turf; ornamentals grown in commercial greenhouses, shadehouses and nurseries; and on ornamentals and lawns in landscaped areas around institutional, public, commercial and industrial buildings not frequented by the public, and golf courses.

ACTIVE INGREDIENT:

Lambda-cyhalothrin: 22.88%

OTHER INGREDIENTS: 77.12%

TOTAL: 100.00%

This product contains 2.08 pounds of active ingredient per gallon or 0.52 pounds of active ingredient per quart and is a capsule suspension. Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • 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 PHYSICIAN: 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-XX

Net Contents: _____

EPA Est. No. _____

MANUFACTURED FOR:

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

ACCEPTED

04/14/2023

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 89442-64

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, shoes plus socks. Wear chemical-resistant gloves: barrier laminate, butyl rubber (≥ 14 mils), nitrile rubber (≥ 14 mils) or Viton (≥ 14 mils). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, and applicators must wear:

- Long-sleeved shirt and long pants
- Coveralls
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils or Viton ≥ 14 mils
- Protective eyewear
- Respirator

Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with an R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

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.

Vomiting may cause aspiration pneumonia.

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 and other pollinating insects exposed to direct treatment or residues in/on blooming crops or weeds. Protect pollinating insects by following label directions intended to minimize drift and reduce pesticide risk to these organisms. **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

RESTRICTED USE PESTICIDE

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

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Removeable chemical extraction probes (also known as "stingers") used in suction/extraction systems must be rinsed within the pesticide container prior to removal. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

- **DO NOT** water treated area to the point of runoff.
- **DO NOT** make applications during rain.
- All outdoor spray 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 lawns, turf, and other vegetation;

2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
 3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
 5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g. driveways, sidewalks, etc.) up to 2 feet above ground level;
 6. Applications to vertical surfaces directly above impervious surfaces, (such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
- Application is prohibited directly into sewers or drains, or to any area like a 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.
 - Spot treatments must not exceed two square feet in size (for example 2 ft by 1 ft or 4 ft by 0.5 ft).

AGRICULTURAL USE REQUIREMENTS

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

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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

- Coveralls
- Chemical-resistant gloves made of barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils or Viton \geq 14 mils
- Shoes plus socks

Lambda G/N 2ME Select may be used for applications to ornamentals grown in commercial greenhouses, shadehouses, and nurseries, and turf grown for commercial seed production.

NON-AGRICULTURAL USE REQUIREMENTS

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

Keep adults, children, and pets off treated areas until spray has dried following the application.

Lambda G/N 2ME Select may be used for applications to maintain indoor or non-residential outdoor areas where turf and ornamentals are grown: non-turf residential landscaped areas and non-residential landscapes around institutional, public, commercial, and industrial buildings not frequented by the public, and golf courses.

Lambda G/N 2ME Select may also be used for applications to golf course fairways, greens, greens aprons, and tee areas.

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 or crops grown for food/feed.

DO NOT apply this product by aerial application.

DO NOT apply this 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 this product to enter any drain during or after application.

DO NOT apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

DO NOT apply or irrigate to the point of runoff.

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

DO NOT apply when windspeed is greater than 15 mph.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, this product contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. Rotate the use of this product or other Group 3 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 advisors 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 Prime Source, a Division of Albaugh, LLC at 1-800-247-8013.

APPLICATION

Lambda G/N 2ME Select mixes readily with water and may be used in all types of application equipment. Mix product with the required amount of water and apply as a dilute application. Apply product using spray nozzles, which produce a coarse droplet size. Formation of very small droplets may be minimized by appropriate nozzle selection and by avoiding excessive spray pressure. When applying to hard-to-wet foliage, such as holly, pine, or ivy, the addition of a spreader-sticker may enhance knockdown and residual activity. If concentrate or mist-type application equipment is used, use an equivalent amount of product on the area treated as would be used in a dilute application. Phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed. It is advised to pretreat a selection of ornamentals if local use experience is unavailable. Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

VEGETATIVE FILTER STRIPS

Construct and maintain a vegetative filter strip, according to the width specified below, of grass or other permanent vegetation between the field edge and nearby down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing lambda-cyhalothrin onto fields where a maintained vegetative buffer strip of **at least 25 feet** exists between the field edge and where a down gradient aquatic habitat exists. The minimum required width of 25 feet may be reduced or removed under the following conditions:

- For Western irrigated agriculture, a maintained vegetative filter strip of at least 10 feet wide is required. Western irrigated agriculture is defined as irrigated farmland in the following states: WA, OR, CA, ID, NV, UT, AZ, MT, WY, CO, NM, and TX (west of I-35).
 - For Western irrigated agriculture, if a sediment control basin is present, a vegetative filter strip is not required.
- In all other areas, a vegetative filter strip with a minimum width of 25 feet is required, unless the following conditions are met. The vegetative filter strip requirement may be reduced from 25 feet to 15 feet if at least one of the following applies:
 - The area of application is considered prime farmland (as defined in 7 CFR § 657.5).
 - Conservation tillage is being implemented on the area of application. Conservation tillage is defined as any system that leaves at least 30% of the soil surface covered by residue after planting. Conservation tillage practices can include mulch-till, no-till, or strip-till.
 - A functional terrace system is maintained on the area of application.
 - Water and sediment control basins for the area of application are functional and maintained.
 - The area of application is less than or equal to 10 acres.

For further guidance on vegetated filter strips, refer to the following publication for information on constructing and maintaining effective buffers: *Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services.* <https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0331-0715>

Ground Application

DO NOT apply within 25 feet of aquatic habitats (such as but not limited to lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

In the state of New York, a 25-foot vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh, for both aerial and ground application.

SPRAY DRIFT ADVISORIES

(Grass Seed Farms, Commercial Greenhouses and Nurseries Only)

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

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.

WIND

Drift potential generally increases with wind speed. **AVOID APPLICATIONS 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.

MANDATORY SPRAY DRIFT MANAGEMENT

Airblast Applications:

- Sprays must be directed into the canopy.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 15 mph at the application site.
- **DO NOT** apply during temperature inversions.

Boomless Ground Application:

- Applicators are required to select nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572) for all applications.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site.
- **DO NOT** apply during temperature inversions.

Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and checking to confirm hive locations before spraying. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators>.

Managed pollinator protection plans are developed by states/tribes to promote communication between growers, landowners, farmers, beekeepers, pesticide users, and other pest management professionals to reduce exposure of bees to pesticides. If available, visit state plans for additional information on how to protect pollinators.

HOW TO REPORT BEE KILLS

It is recommended that users contact both the state lead agency and the U.S. Environmental Protection Agency to report bee kills due to pesticide application. Bee kills can be reported to EPA at beekill@epa.gov. To contact your state lead agency, see the current listing of state pesticide regulatory agencies at the National Pesticide Information Center's website: http://npic.orst.edu/reg/state_agencies.html.

MIXING

Lambda G/N 2ME Select is intended for dilution with water for spray application and may be used in all types of application equipment. Fill application tank with $\frac{1}{2}$ - $\frac{3}{4}$ volume of water. Adjust water pH with a buffering agent, if necessary, to achieve a pH of 5-7. Slowly add Lambda G/N 2ME Select to applicator tank water with maximum agitation. If other approved agricultural chemicals (pesticides, fertilizers, adjuvants) are added to the applicator tank, add Lambda G/N 2ME Select last. If mixed with EC formulations or oils, use within 24 hours. Fill tank to desired volume and continue to agitate while making

applications. Shake or re-agitate application equipment before use if application is interrupted. Make up only amount of application volume as required.

**Lambda G/N 2ME Select Mixing Chart for Ornamental Insect Pest Control
(Lambda G/N 2ME Select to Add per Spray Tank)**

Rate of Lambda G/N 2ME Select	25 gal	50 gal	100 gal	200 gal	300 gal
0.62 fl oz (0.01 lbs ai)	0.18 fl oz (0.003 lbs ai)	0.37 fl oz (0.006 lbs ai)	0.62 fl oz (0.01 lbs ai)	1.23 fl oz (0.02 lbs ai)	1.85 fl oz (0.03 lbs ai)
1.23 fl oz (0.02 lbs ai)	0.37 fl oz (0.006 lbs ai)	0.62 fl oz (0.01 lbs ai)	1.23 fl oz (0.02 lbs ai)	2.46 fl oz (0.04 lbs ai)	3.7 fl oz (0.06 lbs ai)
2.09 fl oz (0.034 lbs ai)	0.55 fl oz (0.009 lbs ai)	1.05 fl oz (0.017 lbs ai)	2.09 fl oz (0.034 lbs ai)	4.25 fl oz (0.069 lbs ai)	6.15 fl oz (0.1 lbs ai)

**Lambda G/N 2ME Select Mixing Chart for Turf Insect Pest Control
(Lambda G/N 2ME Select to Add per 100 Gallon Spray Tank)**

Rate of Lambda G/N 2ME Select	2 gal	4 gal	6 gal	8 gal	10 gal
2.1 fl oz/A (0.034 lbs ai/A)	2.4 fl oz (0.039 lbs ai)	1.23 fl oz (0.02 lbs ai)	0.8 fl oz (0.013 lbs ai)	0.55 fl oz (0.009 lbs ai)	0.49 fl oz (0.008 lbs ai)
4.25 fl oz/A (0.069 lbs ai/A)	4.86 fl oz (0.079 lbs ai)	2.4 fl oz (0.039 lbs ai)	1.6 fl oz (0.026 lbs ai)	1.23 fl oz (0.02 lbs ai)	1 fl oz (0.016 lbs ai)

Conversion rate: 1 fluid ounce (fl oz) equals 29 milliliters (mL).

COMPATIBILITY

Lambda G/N 2ME Select has been found to be compatible with most commonly used fungicides, miticides, liquid fertilizers, and other insecticides. Check physical compatibility using the correct proportion or products in a small jar, if local experience is unavailable. 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.

Insect Pest Controlled in Ornamentals in Greenhouses, Shadehouses, and Nurseries by Lambda G/N 2ME Select:

Ornamentals (trees, shrubs, flowers, evergreens, foliage plants, and ground covers) in Residential (non-turf grass) Landscaped Areas and Landscaped Areas around Institutional, Public, Commercial, and Industrial Buildings not frequented by the public, and Golf Courses

Pests	Rate per 100 gallons
<ul style="list-style-type: none"> • Armyworms • Azalea caterpillars • Aphids • Bagworms • Black vine weevils (adult) • Boxelder bugs • Budworms • California oakworms • Cankerworms • Crickets • Cutworms • Eastern tent caterpillars • Elm leaf beetles • European sawflies • Fall webworms • Flea beetles • Forest tent caterpillars • Gypsy moth larvae • Japanese beetles (adult) • June beetles (adult) • Lace bugs 	<ul style="list-style-type: none"> • Leaf-feeding caterpillars • Leafhoppers • Leafminers (adult) • Leaf rollers • Leaf skeletonizers • Midges • Oleander moth larvae • Pillbugs • Pine sawflies • Pine shoot beetles • Pine tip moths • Plant bugs • Root weevils • Sawflies • Scale insects (crawlers) • Spittlebugs • Striped beetles • Striped oakworms • Thrips • Tip moths • Tussock moth larvae
	0.63 – 2.1 fl oz or 18.63 – 62.1 ml (0.01 lbs ai – 0.034 lbs ai)

<ul style="list-style-type: none"> Broadmites Brown soft scales California red scales (crawler) Clover mites 	<ul style="list-style-type: none"> Mealybugs Pine needle scales (crawler) Spider mites Whiteflies 	1.26 – 2.1 fl oz or 37.26 – 62.1 ml (0.02 lbs ai – 0.034 lbs ai)
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PRECAUTIONS AND RESTRICTIONS:

- Start application to ornamentals prior to the establishment of high insect pest populations. Make reapplications as necessary to keep pest populations under control, using higher labeled rates as pest pressure increases.
- DO NOT** re-apply more than once every 7-days.
- DO NOT** apply more than 22.15 fl oz Lambda G/N 2ME Select (0.36 lb ai) per acre per year.
- Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader-sticker at specified rates may enhance the control of insects on certain species of ornamentals having waxy, hard-to-wet foliage.
- For spot treatments, use 0.18 fl oz Lambda G/N 2ME Select (0.003 lb ai) per 1-2.5 gallons of water.
- Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.
- DO NOT** apply when windspeed is greater than 15 mph.
- Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572).
- For soil or foliar applications, **DO NOT** apply by ground equipment within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

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. Prespray a selection of ornamental plants and observe them for 7-10 days prior to treating large areas if local use experience is unavailable.

Scale

Thoroughly cover the plant with Lambda G/N 2ME Select, including trunks, stems, twigs, and foliage for control of scale insects.

Bagworm

Apply Lambda G/N 2ME Select when bagworm larvae begin to hatch. Spray directly on the larvae. Application is the most effective when the larvae are young.

Insect Pests Controlled on Turfgrass by Lambda G/N 2ME Select:

Seed Grass Farms*, Lawns , Institutional, Public, Commercial and Industrial Buildings not frequented by the public, Golf Course and Turf

* Use subject to WPS

Pests		Rate
<ul style="list-style-type: none"> Armyworms Crickets Cutworms Earwigs Grasshoppers 	<ul style="list-style-type: none"> Japanese beetles (adult) Millipedes Mites Pillbugs Sod webworms Sow bugs 	1.428 – 2.94 mL per 1,000ft ² (0.0008 – 0.0016 lb ai) or 2.1 – 4.2 fl oz per acre (0.01 lbs ai – 0.034 lbs ai)
<ul style="list-style-type: none"> Bluegrass billbugs (adult) Black turfgrass Ataenius (adult) Chiggers 	<ul style="list-style-type: none"> Grub (suppression) Hyperodes weevils (adult) Mole crickets (nymphs and young adults) 	2.94 mL per 1,000ft ² (0.0016 lb ai) or 4.2 fl oz per acre (0.034 lbs ai)

PRECAUTIONS AND RESTRICTIONS:

- Start application 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 labeled rates as pest pressure increases.
- Apply at 7-day intervals if retreatment is necessary.
- **DO NOT** apply more than 22.15 fl oz Lambda G/N 2ME Select (0.36 lb ai) per acre per year.
- For spot treatments, use 0.18 fl oz Lambda G/N 2ME Select (0.003 lb ai) per 1-2.5 gallons of water.
- **DO NOT** apply when turfgrass is waterlogged or when soils are saturated with water (i.e. will not accept irrigation).
- Keep children and pets off treated areas until spray has dried following the application.

Surface Insect Control (Armyworm, Cutworms, Fleas, etc.):

Apply Lambda G/N 2ME Select at specified rates listed in the table above in 2-5 gallons of water per 1,000 sq. ft. The use of a spreader-sticker may be useful if high rainfall amounts are forecast, otherwise the addition of adjuvants is not necessary under normal conditions for surface insect control in turf. Delay watering or mowing for 12-24 hours for optimum control of surface-feeding insect pests.

Thatch Inhabiting Insect Control (Chinch Bugs, Billbugs, etc.):

Apply Lambda G/N 2ME Select at specified rates listed in the table above in 2-10 gallons of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is recommended. Lightly irrigate after application with up to ½ inch of water to move the Lambda G/N 2ME Select into the thatch layer. If irrigation is not available, then use high water application rates for optimum results.

Subsurface Insect Control (Mole Crickets, Grubs, etc.):

Apply Lambda G/N 2ME Select at specified rates listed in the table above in 4-10 gallons of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is strongly recommended. Use the highest water application rates possible with your sprayer. Apply Lambda G/N 2ME Select to turf wet with dew, rain, or irrigation. Water in immediately after application with ¼-½ inch of water for optimum results.

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.

CONDITIONS OF SALE AND LIMITED 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 PRIME SOURCE, A DIVISION 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 PRIME SOURCE, A DIVISION OF ALBAUGH, LLC and Seller harmless for any claims relating to such factors.

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LABEL HISTORY
(Not included in final printed label)

089442-000XX.20220225.DRAFT	022522	SECTION 3 Draft Label
089442-000AU.20220607.DRAFT	060722	(e) Label Revisions
089442-000AU.20220719.DRAFT	071922	(e) Label Revisions
089442-000AU.20221122.DRAFT	112222	(e) Label Revisions