



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 16, 2021

Jan Brill
Manager, Registrations
Bayer Environmental Science
A Division of Bayer CropScience
5000 Centregreen Way, Suite 400
Cary, NC 27513

Subject: Label Amendment – Add turf and ornamental use, update interim decision language
Product Name: Deltamethrin SC 25L GC
EPA Registration Number: 432-1597
Application Date: June 18, 2021
Decision Number: 576630

Dear Jan Brill:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, 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 Deltamethrin Interim Decision, 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.

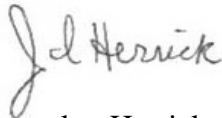
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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.

Page 2 of 2
EPA Reg. No. 432-1597
Decision No. 576630

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 by phone at 202-565-2469, or via email at 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 (7505P)
Office of Pesticide Programs

Enclosure

Deltamethrin SC 25L GC

[Alternate Brand Names: Barricor SP, Carrier SP, DeltaGard FLEXX, Suspend Next Generation]

Editorial Note – Marketing claims positioned here

[Image Placeholder – Ant (not Pharaoh), Cricket, and/or, Mosquito images]

Editorial Note – [Bracketed Text] is optional language

ACTIVE INGREDIENT:

Deltamethrin.....2.45%

OTHER INGREDIENTS:.....97.55%

TOTAL: 100.00%

Contains 0.21 pounds deltamethrin per gallon

EPA Reg. No. 432-1597

EPA Est. _____

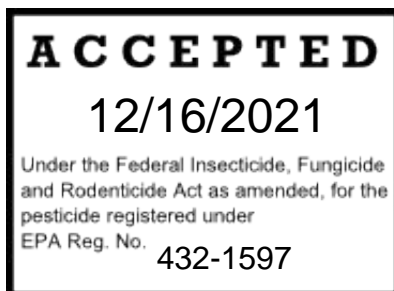
KEEP OUT OF REACH OF CHILDREN

[See [Back][Side] [Panel] [and] [Leaflet] [Booklet] for Complete Precautionary Statements and Directions for Use.]
(Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

Net Contents:



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Use with care when applying in areas adjacent to any body of water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

PHYSICAL OR CHEMICAL HAZARDS

Do not use water-based sprays of Deltamethrin SC 25L GC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

PRODUCT FACTS

- [Editorial Note – Marketing claim Positioned here]

KILLS

Public Health Pests Indoors; Ants (except Pharaoh, Fire, and Harvester), Carpenter Ants, Cockroaches, House flies, Mosquitoes, Scorpions, Ticks (except Brown Dog Tick), and Spiders.

Public Health Pests Outdoors; American cockroaches, Ants (except Pharaoh), Carpenter Ants, Fire ants, Harvester ants, House flies, Mosquitoes, Scorpions, Ticks (except Brown Dog Tick), and Turkestan cockroaches.

Other Pests; Adelgids, Ambrosia Beetle, Angoumois Grain Moths, Aphids, Armyworms, Asian Lady Beetles, Bagworms, Bark Beetles, Beetles, Billbugs (adults), Boxelder Bugs, Brown Marmorated Stinkbugs, Cadelles, Carpenter Bees, Carpet Beetles, Caterpillars, Cheese Mites, Chinch Bugs, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Confused Flour Beetles, Crickets, Cutworms, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Flour Beetles, Foreign Grain Beetles, Fruit Flies, Fruitworms, Fungus Gnats, Granary weevil, Grasshoppers, Ground Beetles, Hairy Fungus Beetle, Harvester Ants, Hide Beetles, Indian Meal Moths, Japanese Beetles (adults), Kudzu Bugs, Lace Bugs, Larder Beetles, Leaf beetles, Leafrollers, Leather Beetles, Lesser Grain Borers, Lesser Mealworms, Litter Beetles, Loopers, Mealy Bugs, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mole crickets, Moths, Phorid Flies, Pillbugs, Plant Bugs, Psocids, Psylla, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Scale Insects, Sciarid Flies, Silverfish, Sod Webworms, Sowbugs, Springtails, Tent Caterpillars, Thrips, Warehouse Beetles, Wharf Borers, and Whiteflies

FOR USE IN AND AROUND

Commercial, Industrial, Institutional, and Residential Areas, and Buildings [Agricultural Buildings; Airports; Animal Confinement Buildings and Pens; Apartments; Bakeries; Bottling Facilities; Breweries; Cafeterias; Calf Hutches; Calving Pens and Parlors; Campgrounds; Candy Plants; Cereal Processing and Manufacturing Plants; Chicken Houses (empty); Churches; Commercial Buildings; Convenience Stores; Correctional Facilities; Cruise Ships; Dairies and Dairy Product Processing Plants; Day Care Centers; Egg Laying Facilities; Food Handling Facilities; Food Manufacturing Plants; Food Processing Plants; Food Service Establishments; Food Storage Areas; Food Trucks; Food Vendors; Frozen Food Plants; Garbage Receptacles and Corrals; Golf Courses; Grain Bins; Grain Mills; Granaries; Greenhouses (structures only); Health Care Facilities; Hog Barns; Homes; Horse Barns and Arenas; Hospitals; Hotels; Industrial Buildings; Kitchens; Laboratories; Landscapes; Lawns; Libraries; Livestock Housing; Malls; Manufacturing Establishments; Mausoleums; Meat, Poultry, and Egg Processing and Packaging Plants; Packing Plants; Meat and Produce Canneries; Milkrooms; Motels; Museums; Nursing Homes; Offices; Ornamental Plants; Outbuildings; Outdoor Living Areas; Animal Boarding Facilities; Pickle Factories; Poultry Houses; Rabbit Hutches; Recreational Areas; Resorts; Restaurants and other Food Handling Establishments; Schools; Sheds; Spice Plants; Stores; Supermarkets; Terminals; Theme Parks; Trailers; Transportation Equipment (Aircrafts – cargo areas only Automobiles, Buses, Boats, Marine Vessels, Mobile and Motor homes, Rail Cars, Ships, Trains, and Trucks); Utilities; Washrooms; Warehouses; and Wineries]

WHERE TO APPLY

- Apply in areas that may be conducive for pest activity or where pests have been observed or can find shelter
- In and around buildings and structures
- On residential, commercial and recreational areas of turf
- On ornamentals in landscapes and interior plantscapes

DILUTION RATES

DILUTION RATES % of Deltamethrin	Fl oz product / gallon	Recommendation
0.002%	0.125	Low pest pressure, kills pests contacted by spray
0.005%	0.25	Maintenance treatments or below pests*
0.015%	0.75	Initial service, clean out treatment, or the below pests**
0.03%	1.5	Severe pest infestation or hard to kill pests***

*House flies

** Harvester ants, webbing spiders, Turkestan cockroaches, American and German cockroaches (indoors), and Mosquitoes

*** Carpet beetles, Scorpions, listed Ticks, and American cockroaches (outdoors)

MIXING INFORMATION

- This product is intended to be mixed with water and applied with hand pressurized or power operated sprayers.
- Shake this product well before measuring concentrate for dilution in water.
- Mix the appropriate amount of this product with water.
- Thoroughly shake, agitate, or invert sprayer to insure proper suspension.
- If spraying is interrupted when using a back-pack or hand-held sprayer, invert sprayer to re-suspend the dilution before starting to make applications.
- Diluted spray mixture can be stored overnight, but agitate well before using.
- If spray screens are used, they should be 50 mesh or larger.

RE-APPLY

Treatments may be applied at 21-day intervals or less frequently as necessary to maintain adequate control.

RE-ENTRY

- Do not allow people, animals, or pets to contact treated areas until dry.

QUESTIONS

For questions or comments, call toll-free 1-800-331-2867

DIRECTIONS FOR USE

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

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

TANK MIXING

This product may be tank-mixed with other registered pesticides unless expressly prohibited by the product label. A small volume mixing test with other products is recommended to ensure compatibility. 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.

INDOOR PESTS

Use this product to kill listed indoor pests by application as a general surface treatment (including broadcast spray to floors, carpet or floor coverings), spot treatment, crack and crevices treatment, or void injection by spray, mist, or foam (including applications into floor drains).

WHERE TO APPLY

Apply in areas that may be conducive for pest activity or where pests have been observed or can find shelter (specific use sites are listed below). Use general surface, spot, mist, or crack and crevice applications.

Treat areas where pests normally feed, hide, or travel: floor-wall junctions, corners, around water pipes, behind and under refrigerators, cabinets, sinks and stoves.

This product can be applied to walls, floors, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames and around plumbing, sinks and other possible pest harborage sites. Treat entry points around water pipes, utility penetrations, windows, doors, vents, and eaves.

Void applications can be made behind veneers, piers, and chimney bases, into rubble foundations, into block voids and structural voids, wall voids, under slabs, stoops, porches, or to the soil in crawlspaces, and other similar voids.

Treat floors, floor coverings, carpets, or rugs for carpet beetles.

HOW TO APPLY (Also see: APPLICATION FOR INDOOR PESTS)

Spot Applications

Perform a low pressure application with a fan-type nozzle to uniformly apply spot treatments in and around cupboards, and beneath, between and behind equipment or appliances.

Spray, Mist, Foam, Crack and Crevice or Void Applications

Spray, mist, or foam directly into cracks and crevice or voids where pests have been observed or can find shelter.

- Spray: Perform a low pressure application with a pin-point or variable pattern nozzle to: floors, cracks and crevices in and around floor-wall junctions, walls, expansion joints, areas around water and sewer pipes or utility penetrations, and voids created by equipment and appliances.
- Mist: Use appropriate mist generating equipment. Do not allow mist to drift out of void spaces into commonly occupied areas of structure.
- Foam: Use foam to treat structural voids and kill pests in walls, under slabs or other void areas. Using appropriate foam generating equipment, mix dilution with manufacturers specified volume of foaming agent and apply sufficient volume of foam.
- 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.

APPLICATION RESTRICTIONS

- Do not apply as a space spray.
- Cover all food processing surfaces and utensils before treatment or thoroughly wash following treatment.
- Remove or tightly cover fish tanks and disconnect aerators during application.
- Do not apply in areas when occupied by people or animals.

- In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

APPLICATION FOR INDOOR PESTS

Listed crawling pests

Perform a low pressure spot, void, or crack and crevice application to areas that these pests normally inhabit: dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind floor-wall junctions; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, window frames and in attics and crawl spaces. Spot applications may be made to floor surfaces along floor-wall junctions and around air ducts. Do not let people or pets contact treated surfaces until dry. For ants, apply to trails, around doors and window frames or areas where ants inhabit or may enter premises. For brown recluse spiders, and ticks (except brown dog tick), spray them directly.

Listed flying pests

Apply directly to walls, ceilings, window screens and other resting areas as a surface treatment. May be used inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied barns, stables, or Animal Boarding Facilities.

Pantry Pests

To kill adult and accessible immature stages of insects: lesser grain borers, grain weevils, flour beetles, saw-toothed grain beetles, cigarette beetles, merchant grain beetles, Angoumois grain moths, Mediterranean flour moths, and Indian meal moths: Make applications to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, and other objects before spraying. Do not replace foodstuffs, utensils or other items or treated surfaces until dry. Any foodstuff accidentally contaminated with any spray solution must be discarded.

Carpet Beetles

Thoroughly apply as a fine broadcast spray to infested rugs, carpets, and pet resting areas. Prior to treatment, cover aquariums and fish bowls and disconnect aerators during application and remove pet animals from the area being treated. Do not permit humans or pets to contact treated surfaces until spray has dried. **DO NOT SPRAY PETS WITH THIS PRODUCT.**

When these pests are found in upholstered furniture, apply to the infested tufts, seams, folds and edges, and under cushions, but do not make broadcast applications to flat surfaces where prolonged human or pet contact will occur.

Pests in Livestock Housing Structures such as Horse Stables, Dairy Barns, Hog Farms, Poultry Houses, & Animal Boarding Facilities

In and around these structures, apply as a general surface, spot, and/or crack and crevice spray. Apply only to areas of facility where animals are not present.

Do not allow re-entry of animals into treated areas until spray has dried. Do not apply to animal feed or watering equipment. Do NOT treat pets or livestock with this product.

Food/Feed Handling Establishments

For all labeled pests, applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot, void, or crack and crevice treatment on non-porous surfaces for cockroaches, black widows, and carpenter ants.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared, or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

General Surface Applications: Do not apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment during application. Spot or crack and crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application. Do not apply directly to food or food-handling surfaces.

Commercial Stored Product Pests

Apply finished spray to equipment, wall and floor surfaces of grain bins, warehouses, production facilities, storage areas, rail cars, and truck beds at the rate of 1 gal per 1000 sq ft prior to storing or handling grain. Apply only after equipment bins and buildings have been thoroughly cleaned.

To help prevent infestation of these structures, apply product as a perimeter treatment where pests are active and may find entrance. Treat a band of soil or lawn up to 7 feet wide around and adjacent to structures and treat the foundation to a height of 2 feet. Apply as a coarse spray at a rate of 1 gal per 1000 sq ft. Thoroughly and uniformly wet the barrier area but do not allow run-off to occur.

OUTDOOR/PERIMETER PESTS

Use this product for outdoor pests by application as a perimeter treatment, spray or broadcast application to exterior surfaces of buildings, lawns, grounds, and ornamental plantings.

WHERE TO APPLY

- Apply to surfaces on buildings, porches, patios (crack and crevice only), and other structures, around doors and windows, eaves and attic vents, utility entry points, soffit areas, and other exterior openings (including foundation cracks or drilled holes) where these pests enter the structure or where they have been seen or found, or can find shelter.
- To prevent or to kill infestations outdoors, treat the outside of the structure, to include walls (to a height of 2 feet), around doors, windows, and soffits where pests are active or may enter or hide. Treat the soil, turf, or other non-flowering ground covering adjacent to the structure (in a band up to 7 feet wide) and wherever pests are seen, have been found, or can find shelter.
- In ant management programs (except pharaoh), apply to shrubs or ornamental plant beds, and where ants may find food or forage. Apply to Carpenter Ants directly, and for Fire and Harvester ants apply as a mound drench.
- For Fire and Harvester ants treat mounds wherever they occur.
- In occasional invader management programs, apply to trees, shrubs, or ornamental plant beds.

USE RATE

0.125 fl oz (3.70 ml) per 1,000 sq ft of surface or 1 gal for low pest pressure, kills pests contacted by spray.

0.25 fl oz (7.4 ml) per 1,000 sq ft of surface or 1 gal for maintenance treatments or below pests*.

0.75 fl oz (22.2 ml) per 1,000 sq ft of surface or 1 gal for initial service, clean out treatment, or the below pests**.

1.5 fl oz (45.4 ml) per 1,000 sq ft of surface or 1 gal severe pest infestation or hard to kill pests***.

*House flies

** Harvester ants, webbing spiders, Turkestan cockroaches, and Mosquitoes

***Scorpions, listed Ticks, and American cockroaches (outdoors)

HOW TO APPLY (Also see: APPLICATIONS FOR OUTDOOR/ PERIMETER PESTS)

Apply as a coarse low pressure spray at the rate of 0.125 to 1.5 fl oz of this product per 1,000 sq ft of surfaces. Apply in a sufficient volume of water to provide adequate coverage but do not allow run-off to occur.

High Volume Applications: Adjust the rate of product dilution when performing high volume applications to ensure the correct amount of the product (see Use Rate section above) is applied per 1,000 sq ft of treated surface. For example, mixing 12.5 fl oz of this product in a 50 gal tank, while using an application volume of 3.0 gals per 1,000 sq ft, will apply 0.75 fl oz of this product per 1,000 sq ft. The table below gives examples of end use dilutions for typical power spraying application volumes.

DILUTION RATE CHART

Fluid Ounces Of This Product For A Given Tank Volume				
Fl.oz. / 1,000 sq ft	25 gallons	50 gallons	100 gallons	% Deltamethrin
0.125	1	2	4	0.0008%
0.25	2	4	8	0.0015%
0.75	6.25	12.5	25	0.0048%
1.5	12.5	25	50	0.0096%

*Based on spray volume of 3 gallons per 1000 sq ft. Three typical industry tank volumes are used in the calculations above.

APPLICATION RESTRICTIONS

- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
 2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
 3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 4. Applications 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 pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.
- Do not apply this product through any type of irrigation system.
- 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.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- Do not apply when the wind speed is greater than 15 mph.

APPLICATION FOR OUTDOOR/PERIMETER PESTS

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.

Ants (except Pharaoh), American and Turkestan cockroaches and Other Listed Crawling Pests

Apply as a spray and/or perimeter treatment around the infested structure as described above. Spray Carpenter ants directly. Locate and treat ant nests if possible. Follow trails of foraging worker ants and inspect for likely nest sites. If ants are nesting in soil, drench or inject the nest and surrounding soil.

Foliar applications to landscape ornamentals will kill aphids, scale insects, and other plant-sucking insects and limit the production of honeydew (an important food source for ant populations). Apply a light mist of the dilute spray, and do not allow excess run-off. Treat thoroughly for good coverage, including the underside of leaves.

Fire Ants and Harvester Ants

Apply as a mound drench. At a minimum, dilute 0.25 fl oz in 1 gallon of water. For harvester ants, at a minimum prepare 2 gallons of the same dilution (0.051 lbs ai/mound) and apply. Apply as a mound drench over the surface of each mound and surrounding area to a 10-foot diameter.

Mosquitoes (including mosquitoes that may transmit Zika, Dengue, Chikungunya, and West Nile virus)

Treat with spray or mist around landscape plants, ground cover, under decks, around building foundations and other places where mosquitoes may rest. Longer term control can be achieved by retreating surfaces exposed to direct rain or irrigation, and by using a suitable adjuvant for foliage treatments at a rate of 12 oz per 100 gallons of dilution.

Occasional invaders including multi-colored Asian lady beetle, boxelder bug, brown marmorated stink bug, and elm leaf beetle

Apply directly to insects that have congregated around doors, window frames, and similar areas where they may enter the structure. Apply a perimeter treatment as described above.

Treat trees and shrubs infested with boxelder bugs, elm leaf beetles, and other occasional invading species early in the season.

Listed Ticks (including ticks that may transmit Lyme disease and Rocky Mountain Spotted Fever)

Apply as a coarse wet spray or broadcast to: dog houses, kennels, runways, along paths or trails, under plants, shrubs, bushes, trees, or other shaded, moist areas where pests may be found. Ticks may be re-introduced from surrounding areas by host animals.

Millipedes, pill bugs, sow bugs, springtails

Apply perimeter treatment to reduce the number of insects entering the structure. Thoroughly treat mulched areas.

House flies

Apply low pressure mist or spray to outside of surfaces of buildings, porches, garages, fences, and other areas where house flies rest. Use the 0.25 fl oz rate or higher.

Carpenter bees

Apply as a spray or mist, or sufficient volume of foam, directly into gallery entrance holes. Leave entrance open to be sure that returning adult bees are killed. When there is no longer any insect activity, the entrance hole may be sealed with a suitable sealant.

Exterior wood surfaces may be treated by general surface application to prevent nest cavity excavation by adult carpenter bees.

TURFGRASS APPLICATIONS

This product controls a broad spectrum of insects on turfgrasses and ornamental plants in outdoor areas: recreational areas, residential landscapes, parks, and public and commercial sites such as around institutional, commercial and industrial sites.

Apply this product as a broadcast application using accurately calibrated equipment (according to manufacturers recommendations), normally used for the application of turfgrass insecticides. Apply in a sufficient volume of water to provide adequate coverage but do not allow run-off to occur. Apply using a minimum of 1 gal of water per 1,000 sq ft. Allow enough time for the application to dry before allowing pets or people to enter treatment area.

Target insects must be exposed to the insecticide to be controlled. For optimum control of surface-feeding insects, such as cutworms or webworms, delay irrigation or mowing for 24 hours after application. For subsurface-feeding insects, such as mole crickets, irrigate with 0.25 to 0.5 inch of water after application.

NOTE: In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates for Turfgrass Sites:

Sites	Pests	Rates	Remarks
Recreational areas, lawns & grounds, residential areas, parks, public and commercial sites	Armyworms, chinch bugs ¹ , crickets, cutworms, earwigs, grasshoppers, ground beetles, mole crickets, Japanese beetles (adults), sod webworms, springtails	0.25 to 1.5 fl oz /1,000 sq ft or 11 to 65 fl oz/A or 0.02 to 0.11 lb ai/A	Apply when pests become evident. Apply as a broadcast spray in a minimum of 1 gal of water per 1,000 sq ft.

LANDSCAPE ORNAMENTAL TREATMENTS

This product provides control of a wide range of insects on landscape ornamentals. Mix this product with the required amount of water according to the Application Rates for Ornamentals table below. Thoroughly apply the finished spray to upper and lower leaf surfaces to ensure adequate coverage, but prior to dripping. Be sure to penetrate dense foliage to wet leaves, trunk and branches. Plant safety testing has been conducted on many species of ornamental plants under a wide range of environmental and cultural conditions and no injury has been observed. If local use information is not available, it is advisable to pre-spray a few plants.

Application Rates for Ornamentals:

Sites	Pests	Rate	Remarks
Landscape ornamentals including trees, shrubs, evergreens and foliage plants	Adelgids, aphids, Japanese beetles (adults ²) leaf beetles, leafhoppers, mealybugs, mites ³ , plant bugs, psyllids, scale insects (crawlers), thrips, whiteflies	1 to 2 fl oz/100 gals of water	Apply when pests become evident. Thorough coverage is required for best results.

¹For optimum control higher application rates (up to 0.75 fl oz / 1,000 sq ft) may be required for severe infestations in the middle of the summer when both nymphs and adults are present.

²Will provide anti-feedant properties on treated ornamentals against Japanese beetles

³Suppression only

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL

Do not pour or dispose down-the-drain or sewer. Call your local solid waste Agency for local disposal options.

CONTAINER HANDLING

[less than one gallon]

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Securely wrap container in several layers of newspaper and discard in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[One to 5 gallon size]

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 pounds)

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

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. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury, or other property damage as well as unintended consequences may result because of factors as beyond the control of Bayer CropScience LP. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

PRODUCED FOR



Bayer Environmental Science
A Division of Bayer CropScience LP
5000 CentreGreen Way, Suite 400
Cary, NC 27513

Deltamethrin SC 25L GC (Pending) 4/26/2021, 04/27/2021, 05/03/2021, 05/11/2021, 06/16/2021, 06/17/2021, 12/02/2021

[Optional Marketing Claims]

[Images]

- Next generation formulation from Bayer technology [that promotes IPM]
- Kills a broad spectrum of pests as listed
- [Multiple] dose rates can be used to address a variety of situations
- When used as directed will not damage paints, plastics, fabrics or other surfaces where water alone causes no damages
- New formulation technology category [to promote IPM]
- For use in food handling establishments
- A wide range of four registered dilution rates.

