

432-1415

07-05-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

July 5, 2011

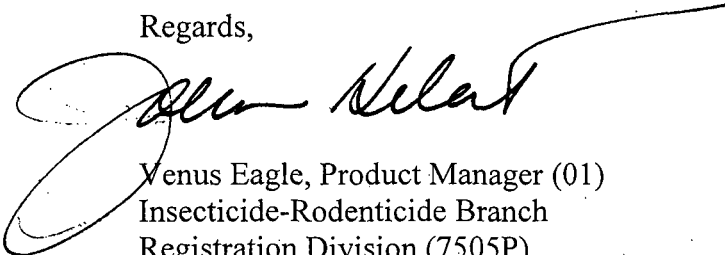
Norma Pangilinan
Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Dear Dr. Pangilinan:

Subject: Amended Label to Clarify Maximum Rates for Soil Injection and Drench
(Response to Agency Letter Dated May 31, 2011)
EPA Registration No. 432-1415
EPA Decision No. 449559
Submission Dated June 13, 2011; Resubmission of July 5, 2011

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records. Please submit two copies of your final printed labeling before you release the product for shipment. 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(e). If you have any questions, please contact Julie Chao at (703) 308-8735 or chao.julie@epa.gov.

Regards,

fn 
Venus Eagle, Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

ACCEPTED
JUL - 5 2011

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

GROUP	3	4A	INSECTICIDE
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EPA Reg. No: 432-1415

ALLECTUS SC Insecticide

For control of listed insects in turfgrass and landscape ornamentals of residential lawns, commercial, industrial, institutional, and recreational areas including athletic field and parks. Not for use on golf courses or sod farms.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	5.0%
Bifenthrin*	4.0%

OTHER INGREDIENTS:	91.0%
	100.0%

EPA Reg. No. 432-1415

EPA Est. No. _____

*Cis isomers 97% minimum, trans isomers 3% maximum.

Contains 0.45 pounds of imidacloprid and 0.36 pounds of bifenthrin per gallon.

**STOP - READ THE LABEL BEFORE USE.
KEEP OUT OF REACH OF CHILDREN.
CAUTION**

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-331-2867

FIRST AID

If swallowed

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

This product contains a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Run-off may be hazardous to aquatic organisms in water adjacent to treated areas. 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 product contains a chemical with properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 if bees are visiting the treatment area.

DIRECTIONS FOR USE

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

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. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not formulate this product into other end-use products.

Do not allow children or pets on treated surfaces until the spray has dried.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If container is leaking or if material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides below. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 800-424-9300.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable 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 reconditioning or puncture and dispose of in a sanitary landfill.

PRODUCT INFORMATION

APPLICATION TO TURFGRASS

ALLECTUS SC INSECTICIDE can be used for the control of soil and surface inhabiting pests of turfgrass. ALLECTUS SC INSECTICIDE can be used as directed on turfgrass in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds and athletic fields.

The active ingredients in ALLECTUS SC INSECTICIDE have sufficient residual activity so that applications for control of subsurface feeders can be made preceding the egg laying activity. The need for an application for control of subsurface feeders can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control of subsurface feeders will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

The active ingredients in ALLECTUS SC INSECTICIDE have sufficient knockdown and residual activity to provide residual control of surface feeding pests. Applications for control of surface feeding pests can be made when infestations are anticipated based on historical monitoring of the site, previous records or experience, current season adult trapping or presence of insects at economic thresholds as determined by scouting and/or recommendations of local State extension personnel or other qualified specialists.

Applications should not be made when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Total amount applied cannot exceed 9.0 pints (0.5 lb of imidacloprid, 0.4 lb of bifenthrin) per acre per year.

ALLECTUS SC INSECTICIDE mixes readily with water and other aqueous carriers, and controls a wide spectrum of insects and mites on turfgrass, trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers in outdoor plantscapes, such as around residential dwellings, parks, institutional buildings, recreational areas, athletic fields and home lawns. Nonbearing crops are perennial crops that will not produce a harvestable raw agricultural commodity during the season of application.

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

APPLICATION EQUIPMENT FOR USE ON TURFGRASS

Apply ALLECTUS SC INSECTICIDE in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for the application of turfgrass insecticides is required. Use equipment which will produce a uniform coarse droplet spray, using a low pressure setting to eliminate off target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION TO ORNAMENTALS

ALLECTUS SC INSECTICIDE is for use on ornamentals in commercial and residential landscapes. ALLECTUS SC INSECTICIDE is a

systemic product and will be translocated upward into the plant system from root uptake. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb the active ingredient. The addition of a nitrogen containing fertilizer, where applicable, into the solution may enhance the uptake of the active ingredient. Application can be made by foliar application or soil applications; including soil injection, drenches and broadcast sprays. Foliar applications offer locally systemic activity against insect pests.

When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay could take 60 days or longer. Applications should be made prior to anticipated pest infestation to achieve optimum levels of control. For outdoor ornamentals, broadcast applications cannot exceed a total of 9.0 pints (0.5 lb of imidacloprid and 0.4 lb of bifenthrin) per acre per year.

Ant Management Programs

Use ALLECTUS SC INSECTICIDE to control aphids, scale insects, mealybugs and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations.

Restriction: Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, golf courses, sod farms or on commercial fruit and nut trees.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

ALLECTUS SC INSECTICIDE mixes readily with water and may be used in many types of application equipment. Mix product with the required amount of water and apply as desired dependent upon the selected use pattern. When making foliar applications on hard to wet foliage such as holly, pine or ivy, the addition of a spreader/ sticker is recommended. If concentrate or mist type spray equipment is used, an equivalent amount of product should be used on the area sprayed, as would be used in a dilute application. ALLECTUS SC INSECTICIDE has been found to be compatible with commonly used fungicides, miticides, liquid fertilizers and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

Do not apply through any irrigation system.

Resistance Management Recommendations

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. ALLECTUS SC INSECTICIDE contains Group 3 and 4A insecticides. Insect biotypes with acquired or inherent resistance to Group 3 and 4A insecticides may eventually dominate the insect population if Group 3 and 4A insecticides are used repeatedly as the predominant method of control for targeted species. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

APPLICATION INSTRUCTIONS

(Be sure to read "APPLICATION EQUIPMENT" Section of this label)

CROP	PEST	DOSAGE ALLECTUS SC INSECTICIDE																				
Turf grasses	<table border="0"> <tr> <td>Asiatic garden beetle</td> <td>Japanese beetle</td> </tr> <tr> <td>Black turfgrass atenioides (including <i>Aphodius</i> spp.)</td> <td>Mole crickets</td> </tr> <tr> <td>Black vine weevil</td> <td>Northern masked chafer</td> </tr> <tr> <td>European chafer</td> <td>Nuisance ants</td> </tr> <tr> <td>European crane fly</td> <td>Oriental beetle</td> </tr> <tr> <td>Frit fly</td> <td>May/June beetle</td> </tr> <tr> <td>Green June beetle</td> <td>Southern masked chafer</td> </tr> <tr> <td>Fire ants</td> <td>Ticks</td> </tr> </table>	Asiatic garden beetle	Japanese beetle	Black turfgrass atenioides (including <i>Aphodius</i> spp.)	Mole crickets	Black vine weevil	Northern masked chafer	European chafer	Nuisance ants	European crane fly	Oriental beetle	Frit fly	May/June beetle	Green June beetle	Southern masked chafer	Fire ants	Ticks	3.6 to 4.5 pint per acre (1.32 to 1.65 fl oz per 1,000 sq ft)				
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Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

NOTE: Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. Do not apply more than 9 pints product per acre (0.5 lb of imidacloprid active ingredient, 0.4 lb bifenthrin) per acre per year. Do not apply more than 4.5 pints product per acre (0.25 lb imidacloprid, 0.2 lb bifenthrin) per application. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland or drainage ditch). In New York State, do make a single repeat application of ALLECTUS SC INSECTICIDE if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Comments

Armyworms, Cutworms and Sod Webworms: To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application. If the grass area is being maintained at a mowing height of greater than 1 inch, then higher application rates (Up to 1.65 fl oz per 1,000 square feet) may be required during periods of high pest pressure.

Annual Bluegrass Weevil (*Listronotus maculicollis*) adults: Applications should be timed to control adult weevils as they leave their overwintering sites and move into grass areas. This movement generally begins when *Forsythia* is in full bloom and concludes when flowering dogwood (*Cornus florida*) is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

Annual Bluegrass Weevil (*Listronotus maculicollis*) larvae: For best results, applications should be made at the first sign of wilting of bluegrass. For the first generation, this wilting often occurs after full bloom of flowering dogwood (*Cornus florida*).

Billbug adults: Applications should be made when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Chinch Bugs: Chinch Bugs infest the base of grass plants and are often found in the thatch layer. Irrigation of the grass area before treatment will optimize the penetration of the insecticide to the area where the chinch bugs are located. Use higher volume applications if the thatch layer is excessive or if a relatively long mowing height is being maintained. Chinch Bugs can be one of the most difficult pests to control in grasses and the higher application rates (Up to 1.65 fl oz per 1,000 square feet) may be required to control populations that contain both nymphs and adults during the middle of the summer.

Mites: To ensure optimal control of eriophyid mites, apply in combination with the labeled application rate of a surfactant. A second application, five to seven days after the first, may be necessary to achieve acceptable control.

Flea larvae: Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Use a higher volume application when treating these areas to ensure penetration of the insecticide into the soil.

Fire Ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound drenches that will eliminate existing colonies. If the soil is not moist, then it is important to irrigate before application or use a high volume application. Irrigation after application also will improve control. Mounds should be treated by diluting 1/3 fluid oz (2 teaspoons) of ALLECTUS SC INSECTICIDE per gallon of water and applying 1 to 2 gallons. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. A four foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours.

Mole Cricket adults: Achieving acceptable control of adult mole crickets is difficult because grass areas are subject to continuous invasion during the early spring by this large active stage. Applications should be watered in with up to 0.5 inches of water immediately after treatment. Grass areas that receive pressure from adult mole crickets should be treated within one month of peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

Mole Cricket nymphs: Grass areas that received adult mole cricket pressure in the spring should be treated within one month of peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides. Control of larger, more damaging nymphs later in the year will require higher application rates to maintain acceptable control. Applications should be watered in with up to 0.5 inches of water after treatment.

Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher spray volumes when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed activity. Repeat application should be limited to no more than once per seven days. Deer ticks (*Ixodes* sp.) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in the late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter. American dog ticks may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Applications should be made as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

Use of an alternate class of chemistry in a treatment program is recommended to prevent or delay pest resistance.

1 fluid ounce = 2 tablespoons = 6 teaspoons

Do not use household utensils to measure ALLECTUS SC INSECTICIDE.

APPLICATION INSTRUCTIONS

Foliar Applications

For use only around industrial and commercial building and residential areas.

Broadcast applications must not exceed a total of 9.0 pints (0.5 lb of imidacloprid and 0.4 lb of bifenthrin) per acre per year.

Start treatments prior to establishment of high pest populations and reapply as needed.

CROP	PEST	DOSAGE ALLECTUS SC INSECTICIDE						
Trees Shrubs Evergreens Flowers Foliage plants Groundcovers Interior Plantscapes	<p>Foliar Applications: Apply the specified application rate as a full coverage foliar spray. Repeat treatment as necessary to achieve control using higher application rates within the listed rate range as pest pressure & foliage area increases. Repeat application should be limited to no more than once per seven days. Certain cultivars may be sensitive to the final spray solution. A small number of plants should be treated and observed for one week prior to application to the entire planting.</p> <table border="0"> <tr> <td data-bbox="293 632 667 1024"> Ants Beet Armyworm Black vine weevil adult Broad mites Brown marmorated stink bug Budworms Scale crawlers Citrus thrips Clover mites <i>Diaprepes</i> root weevil (adults) European red mites Flea beetles Fungus gnats (adults) Grasshoppers </td> <td data-bbox="667 632 1037 1024"> Leafrollers Mites Mosquitoes Orchid weevil Pine needle scales (crawlers) Plant bugs San Jose scale (crawlers) Spider mites Thrips Tip moths Twig borers Wasps </td> </tr> <tr> <td data-bbox="293 1024 667 1108"> Bagworms Cutworms Fall webworms </td> <td data-bbox="667 1024 1037 1108"> Gypsy moth caterpillars Leaf feeding caterpillars Tent caterpillars </td> </tr> <tr> <td data-bbox="293 1108 667 1318"> Adelgids Aphids Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) </td> <td data-bbox="667 1108 1037 1318"> Leafhoppers (including glassy-winged sharpshooter) Mealybugs Psyllids Sawfly larvae Thrips (suppression) Treehoppers Whiteflies </td> </tr> </table>	Ants Beet Armyworm Black vine weevil adult Broad mites Brown marmorated stink bug Budworms Scale crawlers Citrus thrips Clover mites <i>Diaprepes</i> root weevil (adults) European red mites Flea beetles Fungus gnats (adults) Grasshoppers	Leafrollers Mites Mosquitoes Orchid weevil Pine needle scales (crawlers) Plant bugs San Jose scale (crawlers) Spider mites Thrips Tip moths Twig borers Wasps	Bagworms Cutworms Fall webworms	Gypsy moth caterpillars Leaf feeding caterpillars Tent caterpillars	Adelgids Aphids Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles)	Leafhoppers (including glassy-winged sharpshooter) Mealybugs Psyllids Sawfly larvae Thrips (suppression) Treehoppers Whiteflies	<p>21.3 fl oz (630 mL) per 100 gal of water</p> <p>10.7 to 21.3 fl oz (315 to 630 mL) per 100 gal of water</p> <p>6.7 to 21.3 fl oz (200 to 630 mL) per 100 gal of water</p>
Ants Beet Armyworm Black vine weevil adult Broad mites Brown marmorated stink bug Budworms Scale crawlers Citrus thrips Clover mites <i>Diaprepes</i> root weevil (adults) European red mites Flea beetles Fungus gnats (adults) Grasshoppers	Leafrollers Mites Mosquitoes Orchid weevil Pine needle scales (crawlers) Plant bugs San Jose scale (crawlers) Spider mites Thrips Tip moths Twig borers Wasps							
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Turf	<p>Broadcast Applications: Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1,000 sq ft. For optimum control, irrigate thoroughly to incorporate ALLECTUS SC INSECTICIDE into the upper soil profile. Refer to use directions specific for FLOWERS and GROUND COVERS concerning additional use directions.</p> <table border="0"> <tr> <td data-bbox="293 1444 667 1602"> White grub larvae (such as Japanese beetle larvae, chafers, May/June beetle, Asiatic garden beetle, oriental beetle) </td> <td data-bbox="667 1444 1037 1602"> Fire Ants Nuisance ants </td> </tr> <tr> <td data-bbox="293 1602 667 1736"> Centipedes Crickets Earwigs Pillbugs </td> <td data-bbox="667 1602 1037 1736"> Sowbugs Armyworms Cutworms Sod webworms </td> </tr> </table>	White grub larvae (such as Japanese beetle larvae, chafers, May/June beetle, Asiatic garden beetle, oriental beetle)	Fire Ants Nuisance ants	Centipedes Crickets Earwigs Pillbugs	Sowbugs Armyworms Cutworms Sod webworms	<p>1.32 to 1.65 fl oz (40 to 50 mL) per 1,000 sq ft</p> <p>0.4 to 0.85 fl oz (12 to 26 mL) per 1,000 sq ft</p>		
White grub larvae (such as Japanese beetle larvae, chafers, May/June beetle, Asiatic garden beetle, oriental beetle)	Fire Ants Nuisance ants							
Centipedes Crickets Earwigs Pillbugs	Sowbugs Armyworms Cutworms Sod webworms							

APPLICATION INSTRUCTIONS		
Applications to Soil		
TREES, SHRUBS, FLOWERS AND GROUNDCOVER		
For use only around industrial and commercial building and residential areas. Applications to soil by injection or drench must not exceed 0.4 lb of imidacloprid (114 fl oz of ALLECTUS SC INSECTICIDE) per acre per year.		
Adelgids Aphids Armored scales (suppression) Black vine weevil larvae Eucalyptus longhorned borer Flatheaded borers (including bronze birch and alder borer) Japanese beetles	Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassywinged sharpshooter) Leafminers Mealybugs Pine tip moth larvae	Psyllids Royal palm bugs Sawfly larvae Soft scales Thrips (suppression) White grub larvae Whiteflies
Trees		0.45 to 0.9 fl oz (14 to 27 mL) per inch of trunk diameter (D.B.H.)
<p>Soil Injection: GRID SYSTEM: Holes should be spaced on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.</p> <p>Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree.</p> <p>No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.</p> <p>Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1,000 sq ft as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.</p> <p>For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.</p>		
Shrubs		0.45 to 0.9 fl oz (14 to 27 mL) per foot of shrub height
<p>Soil Injection: Apply to individual plants using dosage indicated. Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. Keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per shrub.</p> <p>No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.</p> <p>Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1000 sq ft as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.</p>		
Flowers and Groundcovers		1.32 to 1.65 fl oz (40 to 50 mL) per 1,000 sq ft
Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, optimum control will be attained if area is irrigated thoroughly after application.		

RESTRICTIONS

Avoid runoff or puddling of irrigation water following application. Avoid application of ALLECTUS SC INSECTICIDE to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant. Broadcast applications cannot exceed a total of 9.0 pints (0.5 lb of imidacloprid and 0.4 lb of bifenthrin) per acre per year.

Treated areas may be replanted with any crop specified on an imidacloprid and bifenthrin label, or with any crop for which a tolerance exists for the two active ingredients.

For crops not listed on any imidacloprid and a bifenthrin label, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval should be observed.

Do not apply by air.

Do not apply by any type of irrigation system.

Not for use in nurseries or commercial greenhouses.

Do not water the treated area to the point of run-off. Do not make applications during rain. 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.

Applications to soil by injection or drench must not exceed 0.4 lb of imidacloprid (114 fl oz of ALLECTUS SC INSECTICIDE) per acre per year.

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IMPORTANT: READ BEFORE USE

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, because of manner of use and other factors beyond Bayer CropScience LP control it is impossible for Bayer CropScience LP to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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ALLECTUS SC INSECTICIDE is specially formulated and sold by Bayer Environmental Science for the control of selected insects according to the directions on this label. Uses of ALLECTUS SC INSECTICIDE other than those specified on this label are not licensed or otherwise authorized through the purchase of this product and the use of this product for other purposes including research and/or experimental uses are expressly prohibited

Produced for



Bayer Environmental Science

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