

INSECTICIDE GRANULES

Only for sale to, use, and storage by commercial applicators.

For use to control Ants (including Imported Fire Ants), Chinch Bugs, Fleas, Mole Crickets, Ticks and other insect pests on lawns in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

Use areas include but are not limited to: lawns and around flower gardens, flower beds, around/along perimeters & foundations of houses and other structures, around mulch beds, along fence lines, and around decks and decking.

ACTIVE INGREDIENT: By Wt. Bifenthrin*..... OTHER INGREDIENTS: *Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below and back panels for additional precautionary information.

FIRST AID

· Take off contaminated clothing. If on skin or clothing

 Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.

Note to Physician - This product is a pyrethroid. If large amounts have been ingested, milk cream and other digestible fats and oils may increase absorption and should be avoided.

PRECAUTIONARY STATEMENTS **Hazards to Humans and Domestic Animals Caution**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and

before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

EPA Reg. No. 53883-124 EPA Est. No. 5905-GA-01

NET CONTENTS: 25 LBS.



CONTROL SOLUTIONS incorporated **Manufactured By:**

Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507

Control Solutions, Inc. Manufactured By: incorporated SNOILIOS $C O M L B O \Gamma$

Inc. election, the replacement of this product.

EPA Regional Uffice for Guidance.

Pasadena, TX 77507

5903 Genoa-Red Bluff

limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not expressly provided herein, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser by law, Control Solutions, Inc. shall not be liable for consequential, special, or indirect damages resulting from the use or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent allowed or other unintended consequences may result because of such factors as weather conditions, presence of other materials, conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and WARRANTY STATEMENT a sanitary landfill or, it allowed by State and local authorities, by burning. If burned, stay out of smoke. according to label instructions. Offer for recycling, if available. If recycling is not available; then dispose of container in Container Disposal: Non-refillable container. Do not reuse or refill this container. Empty container through use

liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict

The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in

contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or To confine spill: Cover to prevent dispersal. Place damaged package in a holding container and identify contents.

In case of spill: Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. dry place and avoid excess heat. Carefully open containers. After partial use close tightly. PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, Do not contaminate water, food, or feed by storage or disposal. STORAGE AND DISPOSAL

Note: Spreader should be calibrated from time to time to make certain that mechanical wear or other factors have not Vicon PS1002T 4.5

the amount of product applied to a known area and adjust settings further if necessary to ensure the correct rate of

These spreader settings are presented as starting points to calibration of each spreader. The technician should observe

changed the flow rate of Bifen L/P. Instructions for calibration are included in the Owner's Manual for the spreader.

ЯN	7	ЯИ	ЯN	9.₽	Lely Model L-400
2	3.5	L	7	G.4	Lely 2.3202.000.1
H-8			H-8	0.8	TT-TD braH
	H-8			4.0	TT-TD braH
3.91	54	12	16.5	0.3	Gandy 10T Series
12	50	LL	٩L	G.4	Gandy 6500 Series
ħΙ	61	3.11	ħΙ	G.4	Gandy Models (42, 36, 30, 24")
Twice Over	Опсе Очег	Twice Over	Once Over		Equipment Drawn (PTO=540 RPM)
9.2	1.8	7	2.6	3	Spyker (all models)
12	91	3.01	12	8	Gandy Models (42, 36, 30, 24")`
9	Not Rec.	3	9	3	Scotts R-8A-1 Rotary
¼ + 8	C + 1/2	s⁄\ + A	½ + 8	3	LESCO Rotary
Twice Over	Once Over	Twice Over	Once Over		Hand Pushed
500 bonuds ber acre		100 pounds per acre		Ground Speed (MPH)	tnəmqiup3
Spreader Settings					
Spreader Settings for Broadcast Applications					
Frod uterials such as tablespoons must not be used for food purposes after use in measuring pesucides. Mote: During the cooler months, electrical sites seem to be more attractive to arts. Apply in the Fall or early Spring for					

soil and level before treating existing transformers. ant mound building activity on electrical pads. If partly or totally filled with soil excavated by resident ants, remove excess

Uniformly apply 1.6 I.5 Tablespoons (0.06 to 0.09 lbs.) of Bifen L/P per 4 sq. ft. of mounting pad to decrease or prevent Pad Mounted Electrical Sites (including Imported Fire Ants). For additional rate recommendations see comments section under Lawn & Perimeter Broadcast 2.3 to 4.6 lbs. Bifen L/P per 1000 sq. ft. (0.2 to 0.4 lbs. ai/Acre) uniformly to control actively foraging ants (Including, but not limited to, Industrial Sites, Parks, Ball Fields and Cemeteries)

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS

radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure). determined by multiplying the linear distance by the band width and then adding to that value the area of a circle whose

jood utensils such as teaspoons and measuring cups must not be used for food purposes. morning or late evening hours to achieve the best results. Treat new mounds as they appear. After use with insecticide, water using enough force to allow the insecticide to flow into the ant tunnels. Apply in cool weather (65 to 80° F) or in early Fire ant mound treatment. Treat using 1/2 cup of Bifen L/P per mound and then flood the mound with 1 to 2 gallons of

Note: The amounts of Bifen L/P listed in the above table are based on the total area being treated. This area is 7.2 4.11 1991 Of 3.5 35.5 6.3 **G.**4 feet 371 4.G 8.5 0.2 3.5 30.9 6.81 15.9 6.6 feet 5 2.5 7.52 12.2 97 6.6 5.3 4.2 1991 0 l 7.11 3.6 2.5 £.1 per 1000 sq. ft. Appl. Rate: Lbs. Linear Distance (Feet) Around Structure Pounds of Bifen L/P for Perimeter Applications

areas, ornamental gardens, planter areas, pavement crevices and **Boundary Treatment:** Ireat mulch areas, soil areas, vegetation adjacent to the structure. Perimeter Treatment: Treat the ground area 5 to 10 feet wide around and

take place, as needed, from mid spring to early fall. are likely to find a host. To control tick larvae, nymphs and adults, treatments should fields or wooded areas. These pests normally gather by paths or roadways where they suburban settings in areas where residences and dwellings are constructed on former and leaf litter, treatments should be made in mid to late-spring. American dog ticks invade have a four-stage life cycle spanning 2 years. To control larvae and nymphs that live in the soil animals. Do not allow public use of treated areas during application. Deer ticks (Ixodes sp.) leaf litter use higher application rates. Ticks may be reintroduced from surrounding areas on host whole srea where contact to ticks may occur. When treating areas with dense ground cover or heavy application to the entire area where contact with ticks may occur. Do not make spot treatments. Treat the 10Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): Make the soil surface.

the areas as late in the day as possible and water immediately after application with up to 0.5 inches of water. To ensure nymphal stages later in the year, it may be necessary to use higher application rates more frequent. It is ideal to treat where the insecticide is most concentrated and thereby providing the most efficient control. For larger more damaging hatch. Young nymphs are more vulnerable to insecticidal treatment at this stage because they are close to the soil surface •Mole Cricket nymphs: Treat grass areas that are preferred by adult mole crickets in the spring just before peak egg peak hatch stage. (See below). possible control of potential nymbhal populations, the grass areas preferred by adult mole crickets should be treated at

is necessary to image prior to treatment to bring the adult mole crickets closer to the soil surface. To obtain the best and water directly following application with up to 0.5 inches of water. To ensure maximum contact when soil is dry, it adult stage, it can be hard sustain control of adult mole crickets. It is ideal to treat the areas as late in the day as possible *Mole Cricket adults: Since the preferred grass areas are susceptible to constant invasion in early spring by the active activity for control of foraging Imported Fire Ants and newly mated Fly-In Queens will be provided by applying 125 lbs./ or in early morning or late evening hours. The queen will be killed within 24 hours of application. Six months residual

A four-foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65-80°F) apex and permit the insecticide solution to flow inside the ant tunnels, the mounds should be treated with adequate force. or by applying 1/2 cup of Bifen L/P per mound and then drenching the mound with 1 to 2 gallons of water. To break their treatments. Treat mounds with a product that is registered with the EPA and properly labeled for control of fire ant mounds drenches. It is critical to water before treatment if the soil is dry. Apply up to 0.4 lb AI/A when making broadcast *Imported Fire ants: The best control will be achieved by using broadcast treatments in combination with mound granule) the insecticide, water the treated areas with up to 0.5 inches of water directly following application. effea larvae: Immature fleas mature in shaded areas accessible to pets and other animals. To activate (release from the during the summer, higher applications rates may be necessary. Chinch bugs can be hard pests to control in grasses and to control populations that contain both nymphs and adults

•Chinch Bugs: Commonly found in the thatch layer, Chinch bugs attack the base of grass plants. Directly following plooming Rose of Sharon (Hibiscus syriacus). spiraea (Spiraea vanhoutte) and horse chestrut (Aesculus hippocastanum). Time the July treatment to match with the restments should take place in May and July. Time the May treatment to match with the full bloom stage of Vanhoutte

treatment, water the treated area with up to 0.25 inches of water to activate (release from the granule) the insecticide.

*Black Turfgrass Ataenius adults: To control the 1st and 2nd generation of Black Turfgrass Ataenius adults, respectively, your State Cooperative Extension Service. Spring treatments for billbug adults will also offer control of over-wintered treatment timing, degree day models have been developed. For detailed information particular to your region, check with

Billbug adults: Treatment of adult billbugs should be made when they are first noticed in April and May. To optimize check with your State Cooperative Extension Service. Comus florida (flowering dogwood) is in full bloom. For additional detailed information concerning treatment timing, grass areas and away from their overwintering sites. Travel usually starts when Forsythia is in full bloom and ends when

*Annual Bluegrass Weevil (Hyperodes) adults: Treatment of this species should be performed as they travel into to activate (release from the granule) the insecticide. *Armyworms, Cutworms, and Sod Webworms: For best results water the treated area with up to 0.1 inches of water

per 1000 sq. ft. .sdl 8.4 200 lbs. Cricket (Mymph)⁹, Ticks¹⁰ (Mounds)7, Millipedes, Mole Cricket (Adult)8, Mole per 1000 sq. ft. ber acre (Adult), Imported Fire Ants (Adult), Imported Fire Ants Ants, Centipedes, Chinch Bugs⁵, Fleas (Larvae)⁶, Fleas 2.3 - 4.6 lbs. 100-200 lbs. per 1000 sq. ft. ber acre (Adult)3, Black Turfgrass Ataenius (Adult)4, Leafhoppers, 50 - 100 lbs. Annual Bluegrass Weevil (Hyperodes) (Adult)2, Billbugs ber acre Armyworms¹, Cutworms¹, Sod Webworm¹ lbs. per Acre Ingredient Active Application Rate Bifen L/P residential lawn applications, use a maximum of 0.2 lb of active ingredient per acre per application. each of the pests listed in this table, Bifen L/P may be applied at up to 0.4 lb AI/A, at the discretion of the applicator. For

Application Rates for Lawn and Perimeter activity, but not sooner than two weeks after the first application. In New York State, do make a single repeat application of Biten L/P it there are signs of renewed insect body (lake, pond, river, stream, wetland, or drainage ditch).

Under normal conditions, the treatment rates stated in the table below will control the pests listed in the table. To control

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water Use appropriate application equipment to broadcast Bifen L/P to achieve thorough coverage of the area being treated. LAWN & PERIMETER APPLICATIONS resistance is factor. or improper treatment. Consult pest management advisors for the other methods of control for your area if you believe develop in your area. A resistant species may be present if poor efficacy can not be linked to extreme weather conditions This product, or other products with a comparable modes of action, may not provide sufficient control if resistance should

use area. Check with your local or state pest management authorities for more information. resistance can not be predicted. This product should conform to resistance management strategies established for the When products are used repeatedly for control, some insects are known to build up resistance to products used, but water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, Do not make applications during the rain.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.

Do not broadcast apply more than 0.4 lbs. A.l. (200 lbs. of Bifen L/P Granules) per Acre per year. institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields). day care facilities). May be applied at up to 0.4 lb. ai. per acre per application on non-residential use sites (i.e., around homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or Do not apply more than 0.2 lb. active ingredient (a.i.) per acre per application on residential use sites (i.e., around private barks, or lawns or grounds. intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on plants being DIRECTIONS FOR USE or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk,

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface

grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants

treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply when weather conditions favor drift from **ENVIRONMENTAL HAZARDS**