

155



80

BIFEN L/P

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 and foundations of houses and other structures, around mulch beds, along fence lines, and around decks and decking.

Active Ingredient:	By Wt.
Bifenthrin*.....	0.2%
Other Ingredient:	99.8%
Total	100.0%

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

**KEEP OUT OF REACH
OF CHILDREN**

CAUTION
(See other panels for additional
precautionary information)

FIRST AID	
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.
<p>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.</p>	
<p>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.</p>	

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.

NET CONTENTS: 25 lbs.

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



Manufactured by:

Control Solutions Inc.

A member of Adama
Consumer and Professional Solutions
5903 Genoa-Red Bluff, Pasadena, TX 77507

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or lawns or grounds.

Do not apply more than 0.2 lb. active ingredient (a.i.) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 0.4 lb. a.i. per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Do not broadcast apply more than 0.4 lbs. A.I. (200 lbs. of Bifen LP Insecticide Granules) per Acre per year.

Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during the 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.

Resistance:

When products are used repeatedly for control, some insects are known to build up resistance to products used, but resistance can not be predicted. This product should conform to resistance management strategies established for the use area. Check with your local or state pest management authorities for more information.

This product, or other products with a comparable modes of action, may not provide sufficient control if resistance should develop in your area. A resistant species may be present if poor efficacy can not be linked to extreme weather conditions or improper treatment. Consult pest management advisors for the other methods of control for your area if you believe resistance is factor.

LAWN & PERIMETER APPLICATIONS

Use appropriate application equipment to broadcast Bifen LP Insecticide Granules to achieve thorough coverage of the area being treated.

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 Bifen LP Insecticide Granules if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Application Rates for Lawn and Perimeter

Under normal conditions, the treatment rates stated in the table below will control the pests listed in the table. To control each of the pests listed in this table, Bifen LP Insecticide Granules may be applied at up to 0.4 lb AI/A, at the discretion of the applicator. For residential lawn applications, use a maximum of 0.2 lb of active ingredient per acre per application.

Pest	Application Rate Bifen LP Insecticide Granules		Active Ingredient lbs. per Acre
Armyworms ¹ , Cutworms ¹ , Sod Webworm ¹	50 lbs. per acre	1.15 lbs. per 1000 sq. ft.	0.1 lbs. AI/A
Annual Bluegrass Weevil (Hyperodes) (Adult) ² , Billbugs (Adult) ³ , Black Turfgrass Ataenius (Adult) ⁴ , Leafhoppers, Mealybugs	50 – 100 lbs. per acre	1.15-2.3 lbs. per 1000 sq. ft.	0.1-0.2 lbs. AI/A
Ants, Centipedes, Chinch Bugs ⁵ , Fleas (Larvae) ⁶ , Fleas (Adult), Imported Fire Ants (Adult) ⁷ , Imported Fire Ants (Mounds) ⁷ , Millipedes, Mole Cricket (Adult) ⁸ , Mole Cricket (Nymph) ⁹ , Ticks ¹⁰	100-200 lbs. per acre	2.3 - 4.6 lbs. per 1000 sq. ft.	0.2-0.4 lbs. AI/A
Pillbugs Sowbugs European Crane Flies	200 lbs. per acre	4.6 lbs. per 1000 sq. ft.	0.4 lbs. AI/A

Armyworms, Cutworms, and Sod Webworms: For best results water the treated area with up to 0.1 inches of water to activate (release from the granule) the insecticide.

Annual Bluegrass Weevil (Hyperodes) adults: Treatment of this species should be performed as they travel into grass areas and away from their overwintering sites. Travel usually starts when Forsythia is in full bloom and ends when Cornus florida (flowering dogwood) is in full bloom. For additional detailed information concerning treatment timing, check with your State Cooperative Extension Service.

Billbug adults: Treatment of adult billbugs should be made when they are first noticed in April and May. To optimize treatment timing, degree day models have been developed. For detailed information particular to your region, check with your State Cooperative Extension Service. Spring treatments for billbug adults will also offer control of over-wintered chinch bugs in temperate climates.

Black Turfgrass Ataenius adults: To control the 1st and 2nd generation of Black Turfgrass Ataenius adults, respectively, treatments should take place in May and July. Time the May treatment to match with the full bloom stage of Vanhoutte spiraea (Spiraea vanhoutte) and horse chestnut (Aesculus hippocastanum). Time the July treatment to match with the blooming Rose of Sharon (Hibiscus syriacus).

Chinch Bugs: Commonly found in the thatch layer, Chinch bugs attack the base of grass plants. Directly following treatment, water the treated area with up to 0.25 inches of water to activate (release from the granule) the insecticide. Chinch bugs can be hard pests to control in grasses and to control populations that contain both nymphs and adults during the summer, higher applications rates may be necessary.

Flea larvae: Immature fleas mature in shaded areas accessible to pets and other animals. To activate (release from the granule) the insecticide, water the treated areas with up to 0.5 inches of water directly following application.

Imported Fire ants: The best control will be achieved by using broadcast treatments in combination with mound drenches. It is critical to water before treatment if the soil is dry. Apply up to 0.4 lb AI/A when making broadcast treatments. Treat mounds with a product that is registered with the EPA and properly labeled for control of fire ant mounds or by applying ½ cup of Bifen LP Insecticide Granules per mound and then drenching the mound with 1 to 2 gallons of water. To break their apex and permit the insecticide solution to flow inside the ant tunnels, the mounds should be treated with adequate force. 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. The queen will be killed within 24 hours of application. Six months residual activity for control of foraging Imported Fire Ants and newly mated Fly-In Queens will be provided by applying 125 lbs./acre of Bifen LP Insecticide Granules.

Mole Cricket adults: Since the preferred grass areas are susceptible to constant invasion in early spring by the active 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 and water directly following application with up to 0.5 inches of water. To ensure maximum contact when soil is dry, it is necessary to irrigate prior to treatment to bring the adult mole crickets closer to the soil surface. To obtain the best possible control of potential nymphal populations, the grass areas preferred by adult mole crickets should be treated at peak hatch stage. (See below).

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

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

Perimeter Treatment: Treat the ground area 5 to 10 feet wide around and adjacent to the structure.

Boundary Treatment: Treat mulch areas, soil areas, vegetation areas, ornamental gardens, planter areas, pavement crevices and fence lines.

		Pounds of Bifen LP Insecticide Granules for Perimeter Applications Linear Distance (Feet) Around Structure							
Appl. Rate: Lbs. per 1000 sq. ft.	Band Width	100	150	200	250	300	400	500	1000
2.3	5 feet	1.3	1.9	2.5	3.0	3.6	4.8	5.9	11.7
2.3	10 feet	3.0	4.2	5.3	6.5	7.6	9.9	12.2	23.7
3.0	5 feet	1.7	2.5	3.3	3.9	4.7	6.3	7.7	15.2
3.0	10 feet	3.9	5.4	6.9	8.5	9.9	12.9	15.9	30.9
3.5	5 feet	2.0	2.9	3.8	4.5	5.4	7.2	8.9	17.5
3.5	10 feet	4.5	6.3	8.0	9.8	11.4	14.9	18.3	35.5
4.6	5 feet	2.6	3.8	5.0	6.0	7.2	9.6	11.8	23.4
4.6	10 feet	6.0	8.4	10.6	13.0	15.2	19.8	24.4	47.4

Note: The amounts of Bifen LP Insecticide Granules listed in the above table are based on the total area being treated. This area is determined by multiplying the linear distance by the band width and then adding to that value the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure).

Fire ant mound treatment: Treat using ½ cup of Bifen LP Insecticide Granules per mound and then flood the mound with 1 to 2 gallons of 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 morning or late evening hours to achieve the best results. Treat new mounds as they appear. After use with insecticide, food utensils such as teaspoons and measuring cups must not be used for food purposes.

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS

(Including, but not limited to, Industrial Sites, Parks, Ball Fields and Cemeteries)

Broadcast Applications

Broadcast 2.3 to 4.6 lbs. Bifen LP Insecticide Granules per 1000 sq. ft. (0.2 to 0.4 lbs. ai/Acre) uniformly to control actively foraging ants (including Imported Fire Ants). For additional rate recommendations see comments section under Lawn & Perimeter Applications.

Pad Mounted Electrical Sites

Uniformly apply 1.0 to 1.5 Tablespoons (0.06 to 0.09 lbs.) of Bifen LP Insecticide Granules per 4 sq. ft. of mounting pad to decrease or prevent ant mound building activity on electrical pads. If partly or totally filled with soil excavated by resident ants, remove excess soil and level before treating existing transformers.

Food utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.

Note: During the cooler months, electrical sites seem to be more attractive to ants. Apply in the Fall or early Spring for best results.

Spreader Settings for Broadcast Applications

Equipment	Ground Speed (MPH)	Spreader Settings			
		100 pounds per acre		200 pounds per acre	
Hand Pushed		Once Over	Twice Over	Once Over	Twice Over
LESCO Rotary	3	B + ¼	A + ½	C + ½	B + ¼
Scotts R-8A-1 Rotary	3	G	E	Not Rec.	G
Gandy Models (42, 36, 30, 24")`	3	12	10.5	16	12
Spyker (all models)	3	2.6	2	3.1	2.6
Equipment Drawn (PTO=540 RPM)		Once Over	Twice Over	Once Over	Twice Over
Gandy Models (42, 36, 30, 24")	4.5	14	11.5	19	14
Gandy 6500 Series	4.5	15	11	20	15
Gandy 10T Series	5.0	16.5	12	24	16.5
Herd GT-77	4.0	--	--	8-H	--
Herd GT-77	8.0	8-H	--	--	8-H
Lely 2.3202.000.1	4.5	2	1	3.5	2
Lely Model L-400	4.5	NR	NR	2	NR
Vicon P5402	4.5	10	7	16	10
Vicon P51002T	4.5	13	9	21	13

NR=Not recommended

Note: Spreader should be calibrated from time to time to make certain that mechanical wear or other factors have not changed the flow rate of Bifen LP Insecticide Granules. Instructions for calibration are included in the Owner's Manual for the spreader. These spreader settings are presented as starting points to calibration of each spreader. The technician should observe the amount of product applied to a known area and adjust settings further if necessary to ensure the correct rate of application.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill: Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container and identify contents.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Empty container through use according to label instructions. Offer for recycling, if available. If recycling is not available; then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent allowed by law, Control Solutions, Inc. shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of this product.



ADAMA

Control Solutions Inc.

A member of Adama
Consumer and Professional Solutions
5903 Genoa-Red Bluff, Pasadena, TX 77507

InTice¹⁰

perimeter bait

**Kills Roaches, Crickets, Mole Crickets, Sowbugs, Pillbugs
Earwigs, Silverfish, Millipedes and Ants***

*Except Pharaoh ants, Carpenter Ants, Fire ants, Harvester ants

**For Indoor, Outdoor and Turf Uses
Mold and Moisture Resistant
Ready-to-Use Bait**

Active Ingredient: Orthoboric Acid 10%
Other Ingredients: 90%
Total:..... 100%

EPA Reg. No.: 73079-6
EPA Est. No.: 73079-MO-1
Net Contents: 10 lbs



KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION: Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: 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.

Have the product or label with you when calling a Poison Control Center or doctor or going for treatment. In case of emergency, for additional information call **800 858 7378**.

Environmental Hazards: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

Use Restrictions

In food areas of restaurants, residential, health care, educational, daycare, agricultural buildings, animal rearing and handling establishments, food handling and food processing establishments, this product may only be applied as a crack and crevice treatment. Any product remaining outside of cracks and crevices must be cleaned up and removed.

Application Directions

Use Sites: In and around residential, multi-family, commercial, industrial, municipal, institutional, research, recreational, health care, educational, daycare, hospitality and agricultural buildings and other man-made structures, garages, home greenhouses, transport vehicles, sewers, animal rearing and handling establishments and food handling and food processing establishments. Turf sites include lawns, landscape beds, ornamental turf, parks, playing fields, right-of-ways, golf courses and home greenhouses.

Outdoor Application: Apply bait evenly over the affected area using a hand shaker or mechanical spreader at a rate of 1 lb per 1000 square feet or 45 lbs per acre. The product should not be watered in. For mole cricket treatments, results will be best if the area is irrigated prior to bait treatment. Mole crickets typically come to the surface to feed in the evening. Individual ant mounds may be treated by sprinkling 1/2 oz of product around each mound. Repeat treatment as needed. Apply bait early in the season in areas likely to be infested, such as flower, fruit and vegetable gardens, on ornamental turf and ground cover vegetation, and around shrubs. In home greenhouses, apply bait at a rate of 3 oz per 100 sq ft on and under benches. Do not apply bait directly in flats or pots. Reapply as needed.

Sewer Application: Apply bait along ledges inside sewers and around manhole covers.

Indoor Application: Apply bait only in areas inaccessible to children and pets, or in tamper-resistant bait stations. Apply bait at a rate of 3 oz (2/3 cup) per 100 square feet. Using a hand shaker or duster, apply bait in attics, crawl spaces, trash closets, utility closets, dropped ceilings, on dirt or gravel cellar floors, under and behind appliances and vending machines, in wall voids and voids under and behind cabinets, sinks and tubs, in drawer wells, garbage chutes, pipe chases, elevator pits, around drains, around electrical conduits and in cracks and crevices where insects may harbor. Focus application in areas where insects or their signs are seen. Reapply bait after one week if infestation is still present. A power duster may be used to apply bait in appropriate areas, such as attics and crawlspaces. The duster manufacturer's recommendations for settings should be followed.

Application tips for certain sites follow:

1. In attics, be sure to get bait near the eaves and vent pipes where insects often first enter, as well as around any pipes or potential access points between the attic and the main structure. Attics should have proper ventilation to insure that no food odor from the bait seeps into the living area, particularly in hot weather. If in doubt, apply the product in a manner such that it can be easily removed.
2. When treating cabinetry areas, if there is no gap between the lower cabinets and the kickplate, then small holes can be drilled to access the voids. Escutcheon plates around pipes can also be pulled back to allow access to voids.
3. The bottom drawers in kitchen and bathroom cabinets can be removed and bait dusted into drawer wells. No bait should be left exposed when drawers are replaced.

4. Electrical switch plate covers can be removed to allow access to voids, but bait shouldn't be applied directly in electrical boxes.
5. If there are cracks between baseboards, cabinets, door frames, hinges, counters or trim, and walls, these cracks can be lightly dusted with bait. If practical, these areas can be sealed once insect problems have been eliminated, to help prevent future problems.
6. Insects need moisture, so kitchen and bath areas and areas immediately surrounding them, and any other damp areas should be carefully inspected and treated if necessary. As a separate matter from the use of this product, it is advisable to fix any leaks to minimize structural damage and odors, and to prevent potential chronic insect problems.

To help prevent insect problems from developing in homes and similar structures, a preventative program is recommended. Once per year, apply bait in attics and crawlspaces at a rate of 8 oz per 1000 square feet.

Food Processing and Handling Establishment Application, including Federally-Inspected Meat and Poultry Plants: Follow instructions for other sites as appropriate. **In food areas, only apply bait in cracks, crevices, and other inaccessible areas.** Avoid contamination of food and feedstuffs. Never apply bait directly to a surface where food is stored, prepared or served. Any bait that is left visible after treatment should be swept into cracks and crevices or removed.

Storage and Disposal

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

Storage: Store in a dry place. Do not store where children or animals may gain access.

Disposal: If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or **1-800-CLEANUP** which is managed as a public-private partnership.

Conditions of Warranty and Limitations of Liability

IMPORTANT: READ BEFORE USE Read the entire Directions for Use, Conditions 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 or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Manufacturer 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 Manufacturer is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Manufacturer 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 Manufacturer's election, the replacement of product.

Manufactured by:

 **Rockwell Labs Ltd**
creating the future of pest control

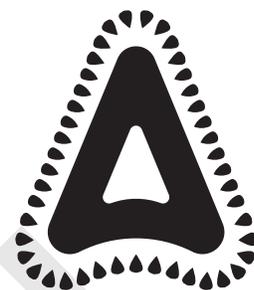
North Kansas City, MO 64116

Toll Free: 866 788 4101 • www.rockwelllabs.com

11-2010

D-FENSE NXT

PRESSURIZED SOLUTIONS



- Contact kill and residual control
- For use on mattresses, furniture and carpets
- Keeps working on listed cockroaches for up to 180 days
- Kills bed bugs where they hide
- Breaks the life cycle of listed cockroaches
- For indoor/outdoor use
- Broad spectrum insecticide with 2 IGRs

Kills Ants, Bees, Bed Bugs, Carpenter Ants, Carpenter Bees, Cockroaches, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Hornets, Indian Meal Moths, Mosquitoes, Spiders, Termites† (Subterranean, Formosan & Drywood), Ticks, Wasps

ACTIVE INGREDIENTS:

Novaluron	0.20%
Deltamethrin	0.06%
Pyriproxyfen	0.02%
OTHER INGREDIENTS*:	<u>99.72%</u>
TOTAL:	100.00%

*Contains petroleum distillates



Manufactured for:
Control Solutions, Inc.
5903 Genoa Red Bluff
Pasadena, TX 77507

EPA Reg. No: 53883-415
EPA Est. No: 53883-TX-002
Net Contents: 15 OUNCES

FOR USE IN AND AROUND: Apartments, Campgrounds, Non-Food Storage Areas, Homes, Hospitals†, Hotels, Motels, Nursing Homes†, Resorts, Restaurants and other Food Handling Establishments†, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†), Utilities, Warehouses, and other Commercial and Industrial Buildings. † See special instructions for these sites under Directions for Use.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF ON SKIN:	<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.

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® International for emergency medical treatment at (866) 897-8050.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not apply directly 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.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Do not use in the vicinity of open flame or pilot lights. Do not apply to plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers, etc. Do not apply where electrical shock hazards exist.

DIRECTIONS FOR USE

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

- Remove pets, birds, and cover fish aquariums before spraying.
- Test first for staining on an inconspicuous area prior to use.
- Hold container upright and **DO NOT** spray up into air.
- Remove protective cap and direct spray away from face.
- Hold can 12-15 inches from surface being sprayed.
- Press button down and spray as directed.

† **IN HOSPITALS AND NURSING HOMES:** Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Apply according to specific directions for pest(s) to be treated. Patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

† **FOOD/FEED HANDLING ESTABLISHMENTS (Places other than private residences in which food is held, processed, prepared or served. Including 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.):** Cover or remove exposed food/feed from the treatment area prior to application. All food processing surfaces should be covered during treatment or thoroughly washed before use. Do not apply directly to food or food handling surfaces. This product is for use in Federally Inspected Meat and Poultry Plants as a crack and crevice treatment. Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made

while the facility is in operation. 1 second spray per spot. General surface applications must be used only when the facility is not in operation provided exposed food/feed and all food/feed processing and/or handling equipment has been covered or removed prior to application. After application in food/feed processing plants, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food/feed will contact.

Non-Food/Non-Feed Areas: Examples of non-food/non-feed areas include 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.

† **PLANES:** Do not apply in aircraft cabins. Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

CRACK AND CREVICE APPLICATION: Use D-Fense NXT with the supplied actuator and injection tubes. Inject D-Fense NXT into cracks and crevices or void spaces where insects may be harboring, living or breeding. Place injector tip into cracks, crevices, holes and other small openings. Apply product for one second. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. For wall and equipment voids calculate the void's cubic area and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. Reapply once every 6 months if necessary.

SPOT TREATMENT: Apply to storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas. Contact as many insects as possible. Hold can at arm's length and apply at the rate of 1 second per 2 sq. ft. Reapply once every 6 months if necessary.

GENERAL SURFACE APPLICATION: Hold can at arm's length and apply a light spray at the rate of 10 seconds per 100 sq. ft. Reapply once every 6 months if necessary.

INDOOR TREATMENTS

D-Fense NXT is acceptable as a pesticide for use in all areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

CRAWLING INSECTS (SUCH AS: ANTS, BOOKLICE, CARPET BEETLES, CENTIPEDES, CLOVERMITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS, AND SPIDERS): Apply as a crack and crevice treatment into cracks and crevices in all hiding places, behind baseboards, sinks, cabinets, meter boxes, door frames, windows and closets. Apply as a spot treatment or general surface application to breeding areas, nesting sites, hiding places and other places where crawling insects may be found.

BED BUGS: Remove linens and wash before reuse. Take bed apart and treat cracks, joints and interior of framework. Treat mattresses and box springs; especially tufts, folds, and edges. Also treat picture frames, baseboards, moldings and all cracks and crevices in the room. Allow to dry

before remaking bed. Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs. May be used in conjunction with a bed bug proof mattress encasement. To treat furniture, such as couches and upholstered chairs, turn the piece upside down, lift the dust cover from the bottom and spray the interior frame. Replace the dust cover after frame treatment and turn piece right side up.

FOR EXPOSED ADULT AND LARVAL STAGES OF CARPET BEETLES, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, DRUGSTORE BEETLES, GRAIN MITES, GRANARY WEEVILS, RED FLOUR BEETLES, RICE WEEVILS, AND SAWTOOTHED GRAIN BEETLES: Apply as a Crack and Crevice treatment into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, and containers, and other areas as where these insects tend to congregate. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

FLEAS AND TICKS ON SURFACES: Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. DO NOT spray animals directly. Hold product 36" above floor and direct toward floor and lower walls at a rate of 10 seconds per 100 sq. ft. making sure that all floor (rugs and carpets), sofa and chair surfaces are contacted. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs. Treatment may be repeated daily if necessary. Keep area closed for 15 minutes. Open and ventilate before reoccupying. The insect growth regulators in CSI 16-105 Delta + Tekko Pro work for up to 7 months by inhibiting the development of the immature stages of the flea and preventing them from reaching the biting adult stage. For best results, pets should be treated with an appropriate product before allowing them to return to the treated area.

OUTDOOR TREATMENTS

CRAWLING INSECTS ON OUTSIDE SURFACES OF BUILDINGS: Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include areas such as screens, window frames, eaves, porches, patios, garages and refuse dumps. Spray infested surfaces of patio or picnic areas, hitting as many insects as possible. Also, spray legs of tables and chairs to repel ants.

ANTS: Apply to ant trails, around doors and windows and other places where ants may be found.

FLYING AND STINGING INSECTS: Use only on outdoor surfaces. Spray outside surfaces of windows and door frames and other areas where these pests may enter the home. Also spray localized resting areas, such as under eaves, porches, light fixtures and cords, railings, etc. where these insects may rest. Insects coming to rest on treated surfaces will be killed.

WOOD INFESTING INSECTS

CARPENTER ANTS, CARPENTERS BEES, AND TERMITES[†] (SUBTERRANEAN, FORMOSAN AND DRYWOOD): The following applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement for controlling active infestations of wood destroying insects including Subterranean, Formosan, and Drywood termites. This

product is not recommended as sole protection against termites. For active indoor termite infestations, get a professional inspection. For control inside and outside of structures, apply as general surface, spot, crack and crevice or wall void application. To kill wood destroying insect infestations in localized above-ground areas of the structure, inject into galleries or voids in damaged wood, or into spaces between damaged wooden structural members. Locate galleries by visual signs of wood destroying insect infestation through the use of mechanical sounding techniques. Where necessary, penetrate the galleries or voids by drilling holes to receive the injector tip. Distribute drill holes to adequately treat the infestation. Applications must be made to inaccessible structure voids by drilling and then injecting into the infested void.

For termites: The purposes of such applications is to kill workers or winged forms which may be present in the treatment areas at the time of application.

For carpenter bees: Following treatment, the entrance holes must be left open 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.

Wood Destroying Insects Living Inside Trees, Utility Poles and Fences: CSI 16-105 Delta + Tekko Pro Insecticide must be used as a spot treatment for control of above-ground termites inside trees, utility poles, fencing and decking materials and similar structural members. Wherever possible, locate an inferior infested cavity and inject in the appropriate quantities. Repeat applications as needed to maintain control of re-infestations.

Aerial Termite Carton Nests in Trees: Termite carton nests in trees must be injected with CSI 16-105 Delta + Tekko Pro Insecticide using an injection applicator. Multiple injection points to varying depths may be necessary.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

STORAGE AND DISPOSAL

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

STORAGE: Store upright at room temperature. Do not store near heat or open flame. Store in an area away from children and pets.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Do not puncture or incinerate! Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. 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 Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use

conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.