

CHLORPYRIFOS 1% GRANULE

ACCEPTED

For effective long lasting control of Chinch Bugs, ~~Asian~~ Roaches, Fire Ants, Fleas, Ticks, Foraging Ants, Mole Crickets, and other outdoor insects.

ACTIVE INGREDIENT:

Chlorpyrifos (O,O,-diethyl-O-[3,5,6-trichloro-2-pyridyl) phosphorothioate] 1.00%
 INERT INGREDIENTS 99.00%
 TOTAL 100.00%

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide Registered under EPA Reg. No. 51036-220

For mound treatment control of imported fire ants

Controls Ants (including Carpenter, Argentine & Foraging), Armyworms (Beet, Fall, Yellow-striped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Mole Crickets, Roaches (asian), Sod Webworms (Lawn Moth), Sow Bugs, Springtails, Ticks (Brown Dog Tick), Turfgrass Weevil (Hyperodes), White Grubs, European Crane Fly, Southern Chafer, Japanese Beetle, and June Beetle (Larvae), Bluegrass Billbugs Imported Fire Ants. 1 lb. treats up to 400 sq. ft.

Use for crawling insect control outside of industrial plant buildings, such as warehouses, food processing and food manufacturing buildings.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Organophosphate

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.

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 5 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

EPA Reg. No. 51036-220

EPA Est. No. 51036-GA-001

Manufactured By:
MICRO FLO CO.
P.O. BOX 772099
MEMPHIS, TN 38117

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing before reuse. Keep away from food, feed-stuffs, and water supplies. Keep children and pets off treated areas until this material is washed into the soil and the grass is dry.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact:

- (800) 424-9300 CHEMTREC (transportation and spills)
- (800) 900-4044 Poison Control Center (human health)
- (800) 345-4735 ASPCA (animal health)

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Use only as directed.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE: Store product in its original labeled container in a cool, dry locked place out of reach of children.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by

burning. If burned, stay out of smoke.

SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis (x) on the front panel following the insect names. Insects not numbered may be controlled by following the GENERAL DIRECTIONS. Repeat treatments as needed for control.

This product is not for use in or around residential areas.

(1) CHINCH BUGS

Apply 1 lb./ 450 sq. ft. (2.0 to 2.3 lbs./1,000 sq.ft. 80 to 100 lb./A) when insects appear and/or their damage is imminent. To prevent damage, apply as soon as daily temperatures reach 80°F and repeat every 2 months. Use lower rate as preventive treatment or for light infestations; the higher rate when insects are present in large numbers and turf is being damaged. Do not exceed 100 lbs. of Chlorpyrifos 1% Granules per acre.

(2) SOD WEBWORMS

For Sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30-day intervals may be needed for new infestations. Apply at rate of 2.0 to 2.3 lbs. per 1,000 sq. ft.

(3) MOLE CRICKETS

Use 2.3 lbs. per 1,000 sq. ft. Treat suspected problem areas when insects become a problem or as recommended by your local Ag. Extension Service Specialist.

The Best Time to Control Adult Mole Crickets

	Jan.	Feb.	Mar.	APR.	MAY	JUN.	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
1.											
2.											

1. Indicates egg laying time. 2. Best time to control Crickets

(4) WHITE GRUBS; CRANE FLY LARVAE

To control White Grubs, Black Turfgrass Ataenius, European Crane Fly, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae, use. 2.3 to treat 1,000 sq.ft. To improve efficacy apply enough water to thoroughly wash the insecticide into the turf. For

best results remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July & August. Consult your local Agricultural Extension Service Specialist for best time to treat.

European Crane Fly Larvae will be controlled using 2.3 lbs. per 1,000 sq. ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs", i.e., (2.3 lbs./1,000 sq.ft.) Consult your Agricultural agent for proper time to apply. For best results, first remove thatch. Water the granules into the soil. Do not exceed 100 lbs. of Chlorpyrifos 1% granule per acre.

(5) BLUEGRASS BILLBUGS

Use 2.3 lbs./1,000 sq. ft. for Bluegrass Billbugs. To improve control apply enough water to wash granules into soil where insects are feeding.

(6) IMPORTED FIRE ANT CONTROL

MOUND TREATMENT - For treatment of Fire Ant mounds occurring in, turf and premise areas, treat individual ant mounds measuring from 3 to 12 inches in diameter by applying a tablespoons (1.6 oz.) of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment by applying 2 tablespoons (0.4 oz) sprinkled evenly over the center of the mound.

After application of the granules, gently sprinkle the treated area with a minimum of 1 quart of water per 6 inches of mound diameter. Apply in cool weather 65 to 80 degrees F) or in early morning or late evening. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

GENERAL DIRECTIONS FOR USE ON GOLF COURSE TURF -

Apply 1% Chlorpyrifos Granule uniformly to golf course turf. Treat when insects first appear at the rate of 2.3 lbs./1,000 sq. ft. (100 lbs./Acre) for surface insects. Increase this rate as indicated for control of certain Soil insects under SPECIFIC DIRECTIONS. For best efficacy sprinkle the turf with water to move the granules into the zone of insect infestation. Repeat treatment as necessary. Observe Watering limitation in paragraph for No. (2) Sod Webworms. Keep the public, including children and pets, off treated areas until granules are sprinkled in and the area is dry.

RATE TO USE FOR SURFACE INSECTS

For control of Ants (as listed on front panel), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth),

Sowbugs, Springtails, and Ticks (Brown Dog Tick) use 2.3 lbs./1,000 sq. ft.

FOR SOIL FEEDING INSECTS

Refer to SPECIFIC DIRECTIONS paragraphs; (3), (4), and (5) in for rates to control the listed turf insects which feed below the soil surface. When using a spreader, calibrate with each application by accurately weighing a few pounds into the spreader and apply to a measured area. Adjust spreader setting in order to assure the correct rate of application.

NOTE: The age, condition of spreader and operator speed can cause a wide variation of rates.

PERIMETER TREATMENT AROUND INDUSTRIAL PLANT BUILDINGS

USE FOR CRAWLING INSECT CONTROL OUTSIDE OF INDUSTRIAL PLANT BUILDINGS

To protect against insects entering the indoors, a band of granules may be placed around the outside of buildings to kill Ants (as listed on front panel), Ticks (Brown Dog Tick), Crickets, Earwigs, Fleas, Millipedes, Roaches (Asian), Sowbugs, Springtails before they attempt to enter. Use 1 pound to treat 400 sq. ft. (as a band 5 ft. x 80 ft. long) around the structure. Apply when insects have become troublesome or before they cause problems in the spring or early fall. Repeat one month later and then as needed for control but not more than once every 7 days. Keep the public (especially children and pets) off treated area until granules are sprinkled in and the area is dry.

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