

Reg no: 239-2423

PM-12

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep children and pets off treated areas until spray has dried. **STATEMENT OF PRACTICAL TREATMENT:** If SWALLOWED give a large amount of water to drink and make person vomit. Call a doctor immediately. If ON SKIN wash skin with soap and water. If IN EYES wash eyes with plenty of water. If inhaled, move to fresh air. If inhaled, move to fresh air. If inhaled, move to fresh air. (415) 233-3737 Chlorpyrifos is a cholinesterase inhibitor. Atropine is an antidote. 2-PAM is also an antidote and may be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. **PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Handle concentrate in a ventilated area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL AND PAMPHLET USE STRICTLY IN ACCORDANCE WITH LABEL AND PAMPHLET PRECAUTIONARY STATEMENTS AND DIRECTIONS.

DIRECTIONS

Place required amount of ORTHO Lawn Insect Spray in ORTHO Lawn Sprayer jar (see chart). Fill jar with water, mix, attach to sprayer and apply as recommended. Use at once. For best results the lawn should be moist at time of application and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear. Re-treat when needed. **NOTE:** Mosquitoes coming to rest on areas treated for the control of lawn and home invading pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

(READY-SPRAY™ APPLICATOR ONLY)

For best results, lightly sprinkle the lawn with water before applying product. Be sure to spray infested areas evenly. Incomplete coverage can reduce control. Spray when pests first appear. Re-treat when needed. **NOTE:** Do not use on vegetable or food crops. Do not use on azaleas, camellias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

(READY-SPRAY™ APPLICATOR ONLY)

HOW TO USE

Connect attached spray nozzle to garden hose. Turn water control "ON/OFF" valve on top of spray nozzle to "OFF" position. Turn on water at faucet. Extend hose to farthest area to be treated and work back towards faucet so that you do not walk over treated areas. Using a coin or key rotate the small pressure control valve located near front of nozzle forward to the "OPEN" position.

To BEGIN spraying, point spray nozzle towards lawn and turn water control valve to "ON" position. The sprayer automatically mixes the product into the spray stream. Walk at a steady pace while spraying, using an even sweeping motion, lightly overlapping treated areas. Refer to measuring scale on side of container to guide coverage. Example: when bottle is half empty, you should have covered an area of 5,333 sq. ft. (5 1/3 x 100). To STOP spraying, turn water control "ON/OFF" valve on spray nozzle to "OFF" position. Release small product control valve back to closed position. Turn off water at faucet. To remove pressure, turn water control valve to the "ON" position before removing nozzle from hose. Being careful to point nozzle away from you.

Pests	Amount Lawn Insect Spray to Use	Comments
LAWN PESTS		
Armyworms*	1/4 cup (4 fl. oz.) in 15 gal. water to treat 500 sq. ft. of lawn. The 1/2 gallon jar in 1 gal. covers 62 sq. ft. in 30 gal. water.	Mow lawn and water well 1 to 2 days before treatment. Heavy watering or irrigation should be withheld for 2 to 3 days following treatment. Spray when pests first appear. Treat entire lawn. Do not attempt to control lawn pests by spot spraying. Repeat treatment may be necessary at 4 to 6 week intervals. Sprays are most effective if applied during 2 hour period prior to darkness when lawn insects become active.
Lawn Moth Larvae		
Sod Webworms*		
Dichondra Flea Beetle*		
Chinchbugs		
Cutworms*		
European Crane Fly (Larvae)		
Fire Skipper Larvae (Caterpillars and Moths)		
Tropical Grass Webworms (Moths)		
Grasshoppers		
Crickets		
Chiggers		
Cover Mites		
Earwigs		
Fleas		
* including Dichondra Larvae		
WHITE GRUBS IN LAWN		
Certain White Grubs (Larvae of European Chafers and Japanese Beetles)	2 cups (16 fl. oz.) in 15 gal. water to treat 500 sq. ft. Four Table Spoonfuls in 1 gal. covers 62 sq. ft. One gal. in 30 gal. water covers 1,000 sq. ft.	Treat entire lawn. Do not attempt to control lawn pests by spot spraying. Water lawn thoroughly following application to wash the insecticide into the soil. For best results, treat lawn when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service specialists for proper time to treat in your area.

Pests	Amount Lawn Insect Spray to Use	Comments
HOME INVADING PESTS (OUTDOOR PESTS)		
Ants	1/4 cup (4 fl. oz.) in 15 gal. water to treat 500 sq. ft. One Table Spoonful in 1 gal. covers 62 sq. ft. 1/4 pt. in 30 gal. covers 1,000 sq. ft.	To keep prevent infestation of buildings, treat a band of soil 6 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet when pests are active and may find entrance. Do not treat pets with this product.
Ticks		
Crickets		
Sowbugs (Pillbugs)		
Millipedes		
Fleas		
IMPORTED FIRE ANT MOUNDS		
Imported Fire Ant	2 1/2 fl. oz. in 1 gal. water to treat each mound	Apply 1 gal. of solution to each individual mound using a sprinkling can. Thoroughly wet mound and treat a 4 foot diameter circle around the mound. For best results, apply in cool weather or in early morning or late afternoon. Treat new mounds as they appear.

HOME INVADING PESTS (ANTS, MILLIPEDES, FLEAS, TICKS, EARWIGS, CRICKETS, SOWBUGS, PILLBUGS)	Amount Lawn Insect Spray to Use	Comments
Building Perimeter Treatment (Buildings): To help prevent infestation of buildings, mix 1/4 cup (4 fl. oz.) concentrate per 15 gal. water using a hose and sprayer such as an ORTHO Lawn Sprayer to treat 500 sq. ft. Apply as a band treatment 6 to 10 ft. wide around and adjacent to the building (see chart below). Also treat the building foundation to a height of 2 to 3 ft. when pests are active and may find entrance. Spray directly on ants, ant trails and places where ants enter premises. Thoroughly treat garbage can storage areas, outdoor pet resting areas, around dog houses and pet "bedroom" areas.		
(READY-SPRAY™ APPLICATOR ONLY) HOME INVADING PESTS (BUILDING PERIMETER TREATMENT-OUTDOORS): ANTS, MILLIPEDES, FLEAS, TICKS, EARWIGS, CRICKETS, SOWBUGS, PILLBUGS)		
To help prevent infestation of buildings, apply at the rate of 4 fl. oz. to treat 500 sq. ft. using the attached applicator. Treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also spray the building foundation to a height of 2 to 3 feet when pests are active and may find entrance.		
IF BAND WIDTH IS	15 Gal. Diluted Spray Will Properly Treat (Linear Ft.)	
6 ft.	62 ft.	
8 ft.	62 ft.	
10 ft.	50 ft.	

If used in tank type sprayer mix 1 Tbsp. (1 1/2 fl. oz.) in one gal. water to treat a 50 sq. ft. area or a band 6 ft. wide and 10 ft. long.

NOTE: DO NOT USE INDOORS.

FLEA AND TICK CONTROL—(OUTDOORS)

In warm summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. To control these harmful pests, it is necessary to follow a regular spray program. Spray once a month beginning when pests first appear in late spring (May, June) and continuing until late summer (September, October). Fall temperatures below 50°F help to reduce the severity of these pests. Eliminating weeds around the home and mowing lawns frequently reduces hiding places.

LAWN TREATMENT—To kill fleas and ticks in lawns, use this product in a hose and sprayer such as an ORTHO Lawn Sprayer. Divide the lawn into 500 sq. ft. areas (20' x 25'). Place 3 fl. oz. of the concentrate in the sprayer, mix and fill with water to the 15 gal. mark. Attach the sprayer to the jar and use all the spray to evenly cover a 500 sq. ft. area. For best results, mow and water lawn a day or two before spraying, and then withhold watering lawn for 2 days after treatment. Spray lawn, using a slow, even sweeping motion—be sure to cover entire lawn surface. Do not attempt to control these pests in lawns by spot treating. Also spray shady spots under ornamentals, shrubs and trees where pets frequent or rest, but do not soak young or flowering plants. Wash off plant foliage with water after treatment.

(READY-SPRAY™ APPLICATOR ONLY)

TO KILL FLEAS AND TICKS IN LAWN—Use this product only with the attached hose and applicator. Divide the lawn into 500 sq. ft. areas (20' x 25'). For each 500 sq. ft. area, apply 3 fl. oz. of READY-SPRAY™ concentrate. For best results, mow and thoroughly water lawn a day or two before spraying. Spray lawn using a slow, even sweeping motion—be sure to cover entire lawn surface. Do not attempt to control these pests in lawns by spot treating. Immediately after treatment, sprinkle lawn lightly for a few minutes to move insecticide down into grass. Do not water again for 2 days. Also spray shady spots under ornamentals, shrubs and trees where pets frequent or rest, but do not soak young or flowering plants. Wash off plant foliage with water after treatment.

NOTE: Keep pets and children out of treated areas until after the spray has dried. Do not spray animals with this product. Dogs, cats, their kennel or bedding area should also be treated with a registered product such as ORTHO Pet, Flea & Tick Spray Formula II. In addition, if fleas or ticks are indoors on carpets or pet resting areas, use a product such as FLEA & TICK KILLER or ORTHO Home Pest Insect Control. It is very important that all three steps—outdoor spraying, and also the pet be treated with appropriate labeled products to achieve satisfactory control. If any animal shows signs of illness, it can serve as a source of reinfestation to the entire premises.

STORAGE AND DISPOSAL

STORAGE: If not prepared for prompt application, do not put concentrate in a hole in food or drink containers. Avoid contamination of food and household items. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. **DISPOSAL:** PRODUCT in partially full bottle may be disposed of by securely wrapping around container in several layers of newspaper and placing in trash. **CONTAINER:** Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

NOTICE: Buyer assumes responsibility for safety and use in accordance with directions.

Chevron Chemical Company

Ortho Consumer Products Division
P.O. Box 5067, San Ramon, CA 94583
R Form 5289-1, Product 5289, Made in U.S.A.
EPA Reg. No. 239-2423 AA EPA Est. 239-923



CONFIDENTIAL

CIVILIAN INNOVATION COMPANY

UNTIL ACCEPTED BY EPA

ORTHO

Lawn Insect Spray

ACCEPTED
APR 12 1990
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 239-2423

READY-SPRAY

Treats Up To 10,000 sq. ft. of Lawn for Fleas and Ticks
Treats Up To 1,000 sq. ft. of Lawn for Other Lawn Pests.

- Controls Home Invading Pests: Ants, Fleas, Crickets, Earwigs, Sowbugs (Pillbugs), Millipedes.
 - Kills Fleas and Ticks: Outdoors in Lawns and Around Buildings.
- FOR GRASS & DICHOONDRA LAWNS.** Controls: Armyworms, European Crane Fly (Larvae), Sod Webworms (Lawn Moth Larvae), Chinchbugs, Dichondra Flea Beetle, Fiery Skipper Larvae, Cutworms, Crickets, Earwigs, Grasshoppers, Fleas, Ticks and Certain Other Insects.

(READY-SPRAY™ APPLICATOR ONLY) Ready-to-use concentrate mixes automatically with water through the attached hose and sprayer.



Active Ingredients:
Chlorpyrifos (9.0% active) 2.575 fl. oz.
2 pyrethrin (0.05% active) 0.0125 fl. oz.
Disulfoton (0.05% active) 0.0125 fl. oz.
Permethrin (0.05% active) 0.0125 fl. oz.

By wt.
5.25%
0.0125%
0.0125%
0.0125%

Net Contents: 1/2 GAL
U.S. Pat. No. 3,294,588

Keep out of reach of children

CAUTION

See also panel for additional precautionary statements.

NET CONTENTS 1/2 GAL