

Sarolex[®]

Nematicide-Insecticide

For the control of nematodes and insect pests of turf and lawns

Sarolex contains 4 lbs. diazinon per gallon.

One Gallon
U.S. Standard Measure

Active Ingredients:
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate . . 47.5%
Xylene range aromatic solvent . . . 27.4%

Inert Ingredients: 25.1%

Total: 100.00%

Keep Out of Reach of Children.

Warning

See additional warning statements on back of of container.

Sarolex kills:

Ants
Armyworms
Clover Mites
Collembola
Crickets
Cutworms
Digger Wasps
Earwigs
Lawn Billbugs
Sod Webworms
Sowbugs
Mole Crickets
Brown Dog Ticks
Bermudagrass
Mites
Chiggers, Fleas
Leafhoppers
Millipedes
Rhodesgrass Scale
Plant-Parasitic
Nematodes

**DO NOT USE
INSIDE THE
HOME**

See directions for use.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 18 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

100-477

CIBA-GEIGY

100-474

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

Directions for Use

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

Do not use inside the home.

Turf and Lawn Nematodes

For the control of plant-parasitic nematodes, including sting, lance, ring, spiral, stylet, sheath, sheathoid and pin in lawns and turf, apply Sarolex Nematicide-insecticide at the rate of 1½-2½ pts. in a minimum of 30 gals. of water per 1,000 sq. ft. Water lawn thoroughly (½-1 inch) as soon as possible after application.

Turf and Lawn Insects

The rates of Sarolex given for turf and lawn nematode control will give good control of the insects listed in the chart below. If Sarolex is used primarily for insect control, use the rates listed below.

Insects	Rate per 1,000 sq. ft.		Remarks
	Sarolex	Water	
Lawn Chinch Bugs	2-3 fl. oz.* or 3-6 fl. oz.*	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants Armyworms Clover Mites Collembola (Springtails) Crickets Cutworms Digger Wasps Earwigs Lawn Billbugs Sod Webworms (Lawn Moths) Sowbugs	4 fl. oz.*	3 gals.	Spot spray ant hills and wasp ground nest openings For lawn billbugs, irrigate the lawn thoroughly immediately after treatment
Mole Crickets	3-6 fl. oz.**	3 gals.	Irrigate thoroughly immediately after treatment with ½ inch rainfall equivalent.
Brown Dog Ticks Bermudagrass Mites Chiggers Fleas Leafhoppers	1½ fl. oz.*	3 gals.*	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.*	3 gals.	
Rhodesgrass Scale	5 fl. oz.*	25 gals.	Apply when crawlers emerge.

* 1 fl. oz. = 2 lbs. 16 fl. oz. = 1 pt.

** 1-2 gals./acre in 120 gals. water.

NOTE: For use on turf and lawns only. Foliage applications to other plants may cause injury. Do not graze livestock in treated areas.

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Statement of Practical Treatment

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If possible, vomiting should be induced under medical supervision. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Flush with plenty of water for at least 15 minutes and get medical attention immediately.

If on skin: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. If symptoms appear, get medical attention immediately.

If inhaled: Remove victim from contaminated area. Apply artificial respiration if needed and get medical assistance.

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. May be fatal if swallowed. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating or smoking. Avoid breathing spray mist. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto treated areas until spray has dried or material has been watered in and grass has dried.

Keep out of reach of domestic animals.

In the event of an emergency, call (919) 292-7100 day or night.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply to water that will be used for recreational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not apply when weather conditions favor drift from treated area. This pesticide is highly toxic to bees

exposed to direct treatment or to residues remaining on the treated areas. Do not apply when bees are actively visiting vegetation blooming in the treatment area. Applications should be timed to provide maximum possible interval between treatment and the next period of bee activity. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State fish and Game Agency for information pertaining to areas having threatened endangered species. Apply this product only as specified on this label.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

Storage and Disposal

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

Pesticide: Pesticide, spray mixture or rinse water that cannot be used according to label directions must be disposed of according to federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

Container: Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

Sarolex[®] trademark of CIBA-GEIGY

EPA Reg. No. 100-474
EPA Est.

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419
CGA 18L1K 072

DRP
11/17/82

NOV 18 1982

Mr. Charles Rock
Ciba-Geigy Corporation
Agricultural Division
P.O. Box 11422
Greensboro, NC 27409

Dear Mr. Rock:

Subject: Conditional Registration Application
Amendments - Add Mole Cricket, Update Formula
and Label
Sarolex Nemacide-Insecticide
EPA Registration No. 100-474

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, are acceptable. A stamped copy of the label is enclosed for your records.

Note that this product is subject to the child-resistant (special) packaging regulations. This may be accomplished by a signed certification statement that the packaging complies with the requirements or by addition of the following (in the same minimum type size as the front panel "KEEP OUT OF REACH OF CHILDREN") to the top of the label:

Only for Sale to, Use and Storage by Servicepersons

Parentheses can then be added with the listing of major projected users of the product, e.g., "(including but not limited to commercial pesticide applicators, or turf and golf course maintenance personnel)."

Refer to 40 CFR 162.16 "Pesticides Requiring Special Packaging" and the Federal Register, Vol. 46, No. 41, Tuesday, March 3, 1981, pps. 15104-15109, "Clarification of Policy Issues on Special Packaging," for guidance and proper submission requirements.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

RD:LARocca:DCR-39821:WANG-1151C:CBP:Raven:479-2013:11/15/82