

PIY 22 50534-203

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ACCEPTED
JAN 17 1996
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 50534-203

Reach

Agricultural Fungicide

Active Ingredient: Chlorothalonil (tetrachloroisophthalonitrile) 40.0%
Triadimefon [1-(4-chlorophenoxy)-3, 3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone] ... 2.2%

Keep Out of Reach of Children
DANGER—PELIGRO

See side panel for additional precautionary statements.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ISK Biosciences Corporation
1700 Hensley Road
Cincinnati, OH 45227
EPA Reg. No. 50534-203

AG 11 01 1991

BEST COPY AVAILABLE

First Aid:

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Seek medical attention for eye immediately.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Drink promptly a large quantity of milk, egg white, or gelatin solution, or if these are not available, large quantities of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Persons having temporary irritation symptoms may respond to treatment with antihistamines or steroid creams and/or systemic steroids.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

3045

Environmental Hazards

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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. DO NOT apply when weather conditions favor drift from treated areas.

Apply only to areas specified on the label.

Storage and Disposal

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: This product must be stored in a cool place. Protect from excessive heat.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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: DO NOT reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Warranty and Limitation of Damages

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by Seller this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use and Buyers and users of this product assume the risk of any use contrary to such directions. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty or guaranty exceed the purchase price of the product as to which a claim is made.

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practices.

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Directions For Use

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

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

DO NOT use on greenhouse-grown crops.

DO NOT combine REACH in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use. To determine physical compatibility of REACH with other products, pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be remixed readily, the mixture is considered physically compatible. For additional information contact your ISK Biosciences Corporation representative.

DO NOT combine REACH with Dipel 4L, Foil, Triton AG-98, Triton B-1956, Latron B-1956 or Latron AG-98 as phytotoxicity may result from the combination when applied to the crops on this label. DO NOT use with Copper-Count*N in concentrated spray suspensions.

Dipel is a registered trademark of Abbott Laboratories; Foil is a registered trademark of Ecogen Corporation. Triton AG-98, Triton B-1956, Latron B-1956 and Latron AG-98 are trademarks of Rohm and Haas Company. *Copper-Count is a registered trademark of Mineral Research & Development Corp.

Apply REACH in sufficient water to obtain adequate coverage of foliage. Spray volume should be at least 5 gallons per acre with any type of application equipment used to apply this product. Both ground and aircraft methods of application are recommended unless specific directions are given for a crop. See application and calibration instruction below.

REACH is an excellent disease control product when used according to label directions for control of a broad spectrum of plant diseases. REACH is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

REACH is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides which are at risk from disease resistance exhibit a single-site mode of fungicidal action. REACH contains chlorothalonil, with a multi-site mode of action which may be used to delay or prevent the development of resistance to some of these single-site fungicides. Consult with your federal or state Cooperative Extension Service representatives for guidance on the proper use of REACH in programs which seek to minimize the occurrence of disease resistance to other fungicides.

Cucurbits: REACH is a specially formulated product which is designed for the control of powdery mildew on cucurbits (cucumber, cantaloupe, muskmelon, honeydew melon, squash, pumpkin). Use in sufficient water to obtain adequate coverage of foliage, normally 25 to 50 gallons per acre. Apply REACH at a rate of 3 to 4-1/4 pints per acre. Begin applications when plants are in first true leaf stage or when conditions favor disease development. Repeat applications at 14 day intervals. Use the high rate when conditions favor disease. For control of other diseases of cucurbits such as anthracnose, downy mildew, target spot, Cercospora leafspot, gummy stem blight (black rot), Alternaria leaf blight and scab, apply other effective fungicides, such as BRAVO® 720 or Ridomil/Bravo 81W, on intervening weekly schedules.

Grasses Grown for Seed: For control of Powdery mildew, Stem rust, Leaf rust, Stripe rust, Septoria leafspot, Glume blotch, Bipolaris and Dreschlera leafspots and Mastigosporium (Selenophoma) eyespot. Use in sufficient water to obtain adequate coverage. Apply REACH at a rate of 1-1/2 to 3 pints per acre. Begin applications during stem elongation when conditions favor disease development. Re-apply at flag (top) leaf emergence and repeat applications at 14-day intervals. DO NOT apply within 14 days of harvest. Based on available residue data, use of REACH on grasses grown for seed is restricted to Washington, Oregon and Idaho. DO NOT allow livestock to graze in treated areas or feed treated plant parts to livestock.

Conifers: For control of stem gall rusts and fusiform rust on pines, apply REACH at a rate of 8 pints per acre in sufficient water to obtain complete coverage of needles and twigs. Begin applications when needles break through the fascicle sheath. Make additional applications at 2 to 3 week intervals until galls on previously infected trees become pale to white in color. The use of REACH in this manner will also provide control of other disease of pines, such as Scleroderris canker, Sirococcus tip blight, Scirrhia brown spot, Cyclaneusma and Lophodermium needlecasts. Refer to labels of other effective products, such as BRAVO® and DACONIL 2787® for instructions on their use for additional disease control in conifers. A maximum of 32 pints of REACH may be applied per acre per growing season.