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Resistance Management symbols and signal words (Group 14 Fungicide)

QUINTOZENE (TERRACLOR®) 75% Wettable Powder Soil Fungicide

AGRICULTURAL

GUARANTEE: QUINTOZENE (Pentachloronitrobenzene)...75%

REGISTRATION NO. 07251

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

Precautionary symbols and signal words (Caution, Poison)

NET CONTENTS 1.36, 25 Kg

AMVAC Chemical Corporation
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Newport Beach CA 92660
1-323-264-3910

DIRECTIONS FOR USE:

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Broccoli, Brussels sprouts, Cabbage and Cauliflower (Clubroot-Plasmodiophora brassicae): Transplant Solution: Use 1- 1.5 kg of product per 400 litres of water, and apply a maximum of 400 ml per plant. The amount of Quintozene should be based on the severity of the disease. Maintain agitation to hold the powder in suspension.

ORNAMENTALS: Bulbous Iris, Hyacinth, Narcissus and Tulip (bulb rot caused by Sclerotonia) bulb dips: Dip bulbs for 5 minutes in a 7.5% concentration which is 100 g/L of water. A sticker may be added. Maintain good agitation in dip tanks

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Quintozene 75% WP contains a Group 14 fungicide. Any fungal population may contain individuals naturally resistant to Quintozene 75% WP and other Group 14 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Quintozene 75% WP or other Group 14 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Amvac Chemical Corporation at 1-323-264-3910

RESTRICTIONS

Do not use on ornamentals grown in rotation with feed or food crops.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

1. Harmful if Swallowed: Do not breathe dust or spray mist. May cause skin irritation. Avoid contact with skin, eyes and clothing.

2. A long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves must be worn when handling the product. In addition, a chemical-resistant apron and NIOSH-approved respirator are required for workers involved in bulb soaking applications. Do not enter or allow workers entry into treated areas for 12 hours following application.
3. Wash thoroughly after handling and before eating, drinking or smoking.
4. Do not contaminate feed or foodstuffs.
5. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca.

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic organisms, birds and small wild animals.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

Avoid application when heavy rain is forecast.

To minimize the release of quinterozone into the environment due to volatilization, quinterozone should only be applied on cool mornings and evenings when air temperatures are 15°C or lower. To further reduce volatilization to the atmosphere, incorporation into the soil should occur concurrently with application.

Do not apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marches, streams, reservoirs and wetlands), estuarine/marine habitats.

FIRST AID:

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

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 centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

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

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Watch for developing pulmonary edema. The administration of barbiturates is beneficial. Avoid adrenaline and morphine. Oxygen may be indicated.

STORAGE AND DISPOSAL:

STORAGE: Store product in original container only away from other pesticides, fertilizer, food or feed. Keep container closed.

Store in cool, dry, well-ventilated place.

DISPOSAL:

1. Triple-or-pressure rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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