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(Container)



Dithane* M-22

80% W.P. Fungicide

GROUP	M	FUNGICIDE
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Contains: Maneb

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Maneb 80%

REGISTRATION NO.: 4918 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 3.5 kg

Dow AgroSciences Canada Inc.
Suite 201, 1144 - 29 Avenue N.E.
Calgary, Alberta
T2E 7P1
1-800-667-3852

*Trademark of Dow AgroSciences LLC

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

May cause irritation of nose, throat, eyes and skin. Do not breathe dust or spray mist.

FIRST AID

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

If on skin: Immediately wash with plenty of soap and water. Get medical attention if irritation develops or contact a poison control centre.

If in eyes: Flush with large amounts of water for at least 15 minutes. Consult a physician or contact a poison control centre if irritation persists.

If inhaled: Remove individual to fresh air. Consult a physician or contact a poison control centre if effects occur.

If swallowed: Do not induce vomiting unless instructed to do so by qualified medical personnel. If conscious, give individual two glasses of water to drink and consult a physician or contact a poison control centre. Do not give anything by mouth to an unconscious person.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

STORAGE

Keep away from fire and sparks. Store in a cool, dry place. Do not allow to become wet or overheated in storage. This may generate flammable vapours. Keep container closed when not in use.

DISPOSAL

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

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 control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

(Booklet)



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REGISTRATION NO.: 4918 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 3.5 kg, 20 kg, 25 kg, 544 kg, bulk

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2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

Returnable Containers:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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.

GENERAL INFORMATION

Dithane M-22 is compatible with most insecticides, and may be used with most miticides.

GENERAL USE PRECAUTIONS

- **DO NOT APPLY BY AIR**
- 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., contact 1-866-375-4648 or www.cropro.org/.

Tank Mixtures: Do not apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label.

DIRECTIONS FOR USE

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC FUNGICIDE CONTROL OR CROP DAMAGE.

Use Dithane M-22 at 1.10 to 3.25 kilograms per hectare except as noted below. Wash Dithane M-22 through the screen or sift slowly into spray tank when partially filled. Add insecticides or nutritional sprays and spreaders last. In regular spray equipment, use 800 to 1000 litres per hectare for low growing crops. Use 1000 to 1500 litres per hectare for heavy tomato and potato vines. Dithane M-22 may be used in low volume or concentrate sprays by increasing the dosage accordingly, following local recommendations.

VEGETABLES

Tomatoes: Early and late blight, Anthracnose, Stemphylium (grey leaf spot), Septoria leaf spots, Cladosporium grey mold: Begin spraying when disease is first reported in area and repeat application at 7 to 10 day intervals or more often under severe late blight conditions. If weather is wet, shorten interval between sprays. Spray up to 7 days before harvest, particularly in wet seasons. Use Dithane M-22 at the rate of 3.25 kilograms per hectare. Apply at least 1500 litres of water per hectare per application, when plants are full grown.

Potatoes: Early and late blight: Apply at 7 to 10 day intervals throughout the season. Begin application early, applying 1.1 kilograms Dithane M-22 per hectare and increasing to 1.75 and 2.25 kilograms per hectare as vines increase in size.

CAUTION: Do not apply within 1 day of harvest.

Celery: Early and late blight: Begin spraying in the plant bed when plants first come through the ground. Make further applications at 3 to 5 day intervals until plants are set in field. Continue field application on regular weekly schedule.

CAUTION: Do not apply within 14 days of harvest. At harvest strip, trim, and wash celery.

Carrots: Leaf blight, Cercospora leaf spot: Begin applications when diseases are reported in the area and continue at 7-10 day intervals during the growing season, or as required for adequate control.

CAUTION: Do not apply within 5 days of harvest.

Cucumber, Muskmelon, Pumpkin and Squash: Anthracnose, Leaf Spot, Downy Mildew: Start application in seedling stage repeating at weekly intervals or as necessary. Regular applications to suppress Powdery Mildew.

CAUTION: Do not apply within 14 days of harvest.

Onions: Downy Mildew, Botrytis leaf blight, purple blotch: Apply when diseases are reported in the area and continue at 7-10 day intervals during the season.

CAUTION: Do not apply within 10 days of harvest.

SEED TREATMENT

Sugar Beets: Damping off diseases (Phoma and Pithium): Use 3 grams of Dithane M-22 per kilogram of seed. Stir well with a wooden stick (reserved for that purpose) to ensure good seed coverage.

Dithane M-22 FOR Dusting: Dithane M-22 is also available in dust formulations with and without insecticides from your local supplier.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Dithane M-22 contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to Dithane M-22 and other Group M 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 Dithane M-22 or other Group M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides 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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or at www.dowagro.ca.

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