

(Container)

Dikar*

Wettable Powder Fungicide-Miticide

GROUP	M	U	FUNGICIDE
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Contains Mancozeb + Dinocap

AGRICULTURAL

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

GUARANTEE:

MANCOZEB	72.0%
(Manganese equivalents 14.4%)	
(Zinc equivalents. 1.8%)	
(Ethylene bisdithiocarbamate equivalents 55.8%)	
DINOCAP	4.7%
NITROOCTYL [†] PHENOLS (Principally dinitro)	0.1%

[†] A mixture of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl isomers

REGISTRATION NO. 10495 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 15 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. Avoid inhalation of dust and spray mist.

Wear chemical-resistant gloves, a chemical-resistant suit (or rainsuit) and hood during mixing/loading and application. If an enclosed cab with an air filtration system is used, the suit and hood are not needed during application.

Do not re-enter areas treated with Dikar Wettable Powder Fungicide-Miticide until 2 days after treatment. Early entry into treated areas to perform limited contact activities is allowed, (i.e., no hand labour activities resulting in substantial contact with treated surfaces). However, workers must wear coveralls, long-sleeved shirts, chemical-resistant gloves and footwear.

When re-entering treated areas 2 days after spraying, wear long-sleeved shirts and protective gloves while thinning, pruning or performing other pre-harvest activities involving contact with treated surfaces.

The treated area should be posted.

FIRST AID

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

If swallowed: Do not induce vomiting unless instructed to do so by qualified medical personnel. Call a physician and/or transport to an emergency facility or contact a poison control centre **IMMEDIATELY**. Do not give anything by mouth to an unconscious person.

If in eyes: IMMEDIATELY flush with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

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

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient. Administer gastric lavage if taken internally.

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. Contamination of fish-bearing waters may harm fish.

STORAGE

Keep away from fires and sparks. Store in a cool, dry, well-ventilated place. Do not allow to become wet or overheated in storage: decomposition, impaired activity, or fire may result. Keep container closed when not in use. Pallets of containers should not be stacked more than 3 high. Provide access aisles for each 2 rows. Decomposition produces foul odor: if observed, check for hot containers and remove immediately to open areas for disposal.

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 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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(Booklet)

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REGISTRATION NO. 10495 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 3.5 kg, 15 kg, 25 kg, 544 kg, bulk

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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 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., visit CropLife Canada's web site at: www.croplife.ca

DIRECTIONS FOR USE

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

APPLES - Dikar Wettable Powder Fungicide-Miticide is a fungicide-miticide preparation and when used as recommended is effective for the control of:

Apple Scab	Frog Eye Leaf Spot
Powdery Mildew	Black Rot
Cedar Apple Rust	Sooty Blotch
Quince Rust	

The use of Dikar Wettable Powder Fungicide-Miticide throughout the season in a regular apple spray program will reduce substantially the number of European red and two-spotted spider mites.

Use Dikar Wettable Powder Fungicide-Miticide in accordance with the local spray schedule. Supplement with insecticides or other fungicides as needed. Begin regular applications of Dikar Wettable Powder Fungicide-Miticide at the green tip or delayed dormant stage and repeat as sprays are recommended in local spray recommendations. In natural rainfall areas of high scab incidence, sprays generally are required every 7 to 10 days through petal fall and every 10 to 14 days in the cover sprays.

For scab control and powdery mildew control, use 6.75 kilograms (kg) of Dikar Wettable Powder Fungicide-Miticide per hectare (Ha) in full coverage sprays. For concentrate application adjust the mixing rate accordingly.

Do not apply Dikar Wettable Powder Fungicide-Miticide sprays within 45 days of harvest. Do not graze livestock in the treated area. Do not feed pomace from treated apples to livestock.

Dikar Wettable Powder Fungicide-Miticide is compatible with most of the insecticides currently used on apple trees. Nevertheless, if emulsified concentrate insecticides are used, check for compatibility before use.

Do not use Dikar Wettable Powder Fungicide-Miticide within 7 days before or after an oil application. If a scab fungicide is needed at the time of an oil application, a product such as Nova 40W fungicide should be used followed by the normal Dikar Wettable Powder Fungicide-Miticide schedule 5 to 7 days later.

To avoid uneven blotchy residues from high volume dilute sprays add a suitable wetting agent in the last 1 or 2 applications before harvest. Concentrate applications usually leave a uniform even deposit.

Dikar Wettable Powder Fungicide-Miticide is a mild eradicator with after infection activity of between 18 hours at 17°C and 48 hours at 6°C.

If normal spray interval is extended 2 weeks or more and powdery mildew or mites are especially severe, sprays of Kelthane* Miticide or Nova* 40W Fungicide should be applied between the regular Dikar applications for added mildew or mite control.

PEARS - For the control of scab and pear psylla use Dikar Wettable Powder Fungicide-Miticide at the rate of 6.75 kg per hectare for prebloom calyx and 7 cover sprays at 10 day intervals or in accordance with local spray recommendations.

Dikar Wettable Powder Fungicide-Miticide will also substantially reduce the number of European red mites and two-spotted spider mites. Do not apply Dikar Wettable Powder Fungicide-Miticide within 45 days of harvest.

GRAPES - For the control of downy mildew and powdery mildew, apply Dikar Wettable Powder Fungicide-Miticide at the rate of 5.5 kg per Ha in the prebloom, postbloom and cover sprays. Repeat applications for additional powdery mildew control in accordance with local recommendations. For concentrate application adjust the mixing rate accordingly. Do not apply Dikar Wettable Powder Fungicide-Miticide within 30 days of harvest.

Do not use Dikar in combination with Zolone on Foch and Chelois as injury may result. When applying Dikar Wettable Powder Fungicide-Miticide to Foch use at least 600 L of water per hectare as more concentrated sprays may cause injury. Do not apply Dikar Wettable Powder Fungicide-Miticide under slow drying conditions or temperatures above 27°C as some injury may result.

COMPATIBILITY

Dikar Wettable Powder Fungicide-Miticide is compatible with the commonly used orchard insecticides and fungicides with the following limitations:

Morestan	-Caution follow manufacturer's directions.
Imidan	-May cause injury on grapes.
Parathion, Malathion	-Wettable powders usually preferred.
Oil	-Do not use Dikar within 7 days before and after an oil application.
Lime Sulphur	-Do not use together.

Dikar Wettable Powder Fungicide-Miticide is also compatible with most nutritional sprays, wettable sulphur and zinc sulfate. However, too many tank mixtures in the same tank with Dikar Wettable Powder Fungicide-Miticide should be avoided.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Dikar Wettable Powder Fungicide-Miticide contains both a Group M and a group U fungicide. Any fungal population may contain individuals naturally resistant to Dikar Wettable Powder Fungicide-Miticide and other Group M or Group U 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 Dikar Wettable Powder Fungicide-Miticide with fungicides from different groups that control the same pathogens.
- 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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