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STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9699.76

Potassium Bicarbonate
Soluble Powder

Monterey

Bi-Carb Old Fashioned Fungicide

Controls and Eradicates Powdery Mildew

Use on Roses, Vegetables, Grapes, Fruit Trees & Ornamentals

Active Ingredient:
Potassium Bicarbonate.....81.9%
Other Ingredients.....18.1%
Total.....100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION See Attached Booklet for Precautionary Statements and Directions for Use

for organic gardening

OMRI Listed

NET WT: 4 OZ/113.4 g

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read Entire Label Before Using.
For Residential Use.

EPA Reg. No. 54705-10 EPA Est. No. 48498-CA-1

Manufactured for
LAWN AND GARDEN PRODUCTS, INC.
P.O. Box 35000 • Fresno, CA 93745
(559) 499-2100 • info@montereylawngarden.com

1203/0409(03)

0 22179 10206 4

OPEN HERE FOR DIRECTIONS FOR USE

PF-20670-2

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KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF SWALLOWED:	• Call a poison control center 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 center or doctor. • Do not give anything by mouth to an unconscious person.
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 center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

FIRST AID *(continued)*	
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 center or doctor for further treatment advice.
	HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 a.m. to 4:30 p.m. Pacific Time (NPIC web site: www.npic.orst.edu).	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Wear long-sleeved shirt and long pants, chemical resistant gloves and shoes plus socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove contaminated clothing and wash clothing before reuse. Keep all persons, children and pets out of treated area until sprays have dried.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies and drainage systems.

DIRECTIONS FOR USE

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MODE OF ACTION:

BI-CARB OLD FASHIONED FUNGICIDE is a fungicide containing microencapsulated potassium bicarbonate as the active ingredient. BI-CARB OLD FASHIONED FUNGICIDE is a contact fungicide, so direct contact with the fungus organism is required for control. BI-CARB OLD FASHIONED FUNGICIDE disrupts the potassium ion balance in the fungus cell, causing the cell walls to collapse.

APPLICATION DIRECTIONS:
For residential use. Apply with a hand-held sprayer making sure to spray foliage thoroughly. Contact of the disease organisms is essential for control. Use a non-acidifying spreader/sticker such as Monterey - Nature's Own Spray Helper. In addition, users can also use a non-phytotoxic crop oil.

RATE: Mix 4 teaspoons of BI-CARB OLD FASHIONED FUNGICIDE in 2 gallons of water to thoroughly cover foliage.

MIXING: Fill the spray tank 1/2 full with the required amount of water; add BI-CARB OLD FASHIONED FUNGICIDE slowly; then, continue filling with balance of water. Add the spreader/sticker and/or other products last. DO NOT allow mixture to stand. Use within 24 hours as BI-CARB OLD FASHIONED FUNGICIDE may lose its activity if left in the tank.

COMPATIBILITY: BI-CARB OLD FASHIONED FUNGICIDE is compatible with most crop protection products and nutrients. However, do not mix it with highly acidic products as the effectiveness of BI-CARB OLD FASHIONED FUNGICIDE may be compromised. Use of a buffering agent for acidification of a mixture can decrease the effectiveness of BI-CARB OLD

FASHIONED FUNGICIDE. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations that can be encountered, observe all precautions and limitations on the label of all products used in mixtures.

TIMING: Begin application at first sign of disease. Repeat applications as new growth or infection occurs or as favorable disease conditions continue. Use in an Integrated Pest Management rotation program at 7-10 day intervals with other effective fungicides for resistance management. Apply BI-CARB OLD FASHIONED FUNGICIDE up to the day before harvest for all labeled uses. For post-harvest, apply BI-CARB OLD FASHIONED FUNGICIDE to remaining foliage to decrease overwintering inoculum.

USES: For the control of powdery mildew, use BI-CARB OLD FASHIONED FUNGICIDE as indicated on the following:

FRUITS
- GRAPES
- POME FRUITS such as apple, pear, quince
- SMALL FRUITS and BERRIES such as blackberry, blueberry, currant, loganberry, raspberry, strawberry

(continued)

USES *(continued)*

FRUITS *(continued)* STONE FRUITS such as apricot, cherry, nectarine, peach, plum, prune SUBTROPICAL FRUITS such as banana, date, mango, papaya, pineapple
HERBS and SPICES such as basil, chives, coriander (cilantro), dill, oregano, parsley, thyme
*__ORNAMENTALS__ (Indoors, Outdoors or Home Greenhouses) such as ornamental trees and shrubs, woody (vines) shrubs, flower and foliage plants
ROSES (Indoors, Outdoors or Home Greenhouses)

*** NOTE TO USER**: Unintentional consequences such as plant injury may result due to certain environmental or growing conditions, manner of use or application. Because plant tolerance of pesticides varies as conditions vary, treating a few plants under conditions expected to be encountered and observing for plant damage prior to full-scale application to large numbers of plants will avoid any unintentional consequences.

USES *(continued)*

VEGETABLES

BULB VEGETABLES such as onions, garlic, leeks, shallots

COLE CROPS such as broccoli, Brussels sprouts, cabbage, cauliflower

CUCURBITS such as cucumber, cantaloupe, casaba, honeydew melon, pumpkin, summer squash, winter squash, watermelon

FRUITING VEGETABLES such as eggplant, pepper, tomatillo, tomato

LEAFY VEGETABLES such as endive, head and leaf lettuce, radicchio, spinach, Swiss chard

LEGUME VEGETABLES (succulent or dried) such as bean, pea

ROOT and TUBER VEGETABLES such as beet, carrot

STORAGE AND DISPOSAL

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

Pesticide Storage: To be stored in original container and placed in an area inaccessible to children and pets.

Container/Pesticide Disposal: If empty: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash. **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONDITIONS OF SALE AND WARRANTY

SELLERS OFFER AND THE BUYER ACCEPTS THIS PRODUCT UNDER THE FOLLOWING AGREED CONDITIONS OF SALE AND WARRANTY.

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to take into account all the variables and to eliminate risks associated with its use. Injury or damage may result because of conditions that are beyond the control of the Lawn and Garden Products, Inc. or the Seller. To the extent consistent with applicable law, Lawn and Garden Products, Inc. or the Seller warrants that this

product conforms to the chemical description on this label and is believed to be reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under conditions of normal use.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LAWN AND GARDEN PRODUCTS, INC. OR THE SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR FITNESS OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

To the extent consistent with applicable law, Lawn and Garden Products, Inc. or the Seller shall not be liable for consequential, special or indirect damages resulting from the handling or use of this product.