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START FRONT PANEL

KALIGREEN

(POTASSIUM BICARBONATE SOLUBLE POWDER)

KALIGREEN is a specific fungicide for control of powdery mildew.

This container will treat up to 0.83 acres when applied at the highest application rate for all listed crops, except for tobacco, where this container will treat up to 1.25 acres at the highest application rate.

ACTIVE INGREDIENT: Potassium bicarbonate.....	82.0%
INERT INGREDIENTS:.....	18.0%
Total:.....	100.0%

EPA Reg. No

EPA Est. No. 70231-JP-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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

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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

<p>ACCEPTED</p> <p>JUL 31 1997</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 70231-1</p>

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Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks.

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.

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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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.

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The requirements in this box 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 4 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.

GENERAL USE INFORMATION

KALIGREEN is a curative fungicide recommended for control of powdery mildew on grapes, cucumbers, strawberries, tobacco, and roses.

MODE OF ACTION

KALIGREEN is a fungicide containing Potassium bicarbonate as the active ingredient. As KALIGREEN is a contact-type fungicide, direct contact with fungus organs is absolutely necessary. Potassium ion balance in the fungus cell is considered to be broken by the spray of KALIGREEN; and cell walls of the fungus collapse and the cells shrink without maintaining their structure as the cell contents come out from the cells.

MIXING INSTRUCTIONS

KALIGREEN should be thoroughly mixed with water, and then add any spreader/sticker (surfactant) for adjuvant. Agitate thoroughly. KALIGREEN loses its activity when left in water over 24 hours.

APPLICATION RATES

For Grapes: 1 to 1.5 lbs./half-acre (0.8 to 1.2 lbs. a.i./half-acre) and 50 to 100 gallons of water. Initial application should be made at the first signs of infection. Application should be repeated 3 to 4 times at 5 to 7 day intervals.

PREHARVEST INTERVALS FOR GRAPES:

KALIGREEN may be applied up to the day before harvest.

For Cucumbers: 1.5 lbs./half-acre (1.2 lbs. a.i./half-acre) and 250-400 gallons of water. Initial application should be made at the first signs of infection.

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Do not apply more than 8 times per crop cycle. Do not apply within one day of harvest.

For Strawberries: 1.5 lbs./half-acre (1.2 lbs. a.i./half-acre) and 200 to 400 gallons of water. Initial application should be made at the first signs of infection. Do not apply more than 8 times per crop cycle. Do not apply within 1 day of harvest.

For Tobacco: 2 lbs./acre (1.6 lbs. a.i./acre) and 100-200 gallons of water. Initial application should be made at the first signs of infection. Apply no more than 2 times. Do not apply within 10 days of harvest.

For roses: 1 to 1.5 lbs./half-acre (0.8 to 1.2 lbs. a.i./half-acre) and 75-100 gallons of water. Initial application should be made at the first signs of infection. Do not apply more than 8 times per season.

APPLICATION INSTRUCTIONS

- Foliage and/or fruit should be sprayed thoroughly with sufficient water to ensure complete coverage.
- Applications should be done at a time selected to maximize the contact of KALIGREEN, because KALIGREEN exhibits its eradicating action by the direct contact of fungus organs, such as spore, mycellium, etc.
- Apply only with ground equipment. Do not apply this product through any type of irrigation system.
- KALIGREEN may be an effective resistance management tool when used in an IPM spray program with sulfur and DMI's for control of powdery mildew.

COMPATABILITY

KALIGREEN is compatible with most commonly used agricultural pesticides, insecticides, growth regulators, micronutrients and spray adjuvants. Do not mix with highly acidic materials, since KALIGREEN is a weak alkaline material and decomposes in highly acidic conditions.

FOR USE TO CONTROL POWDERY MILDEW ON

Grapes, cucumbers, strawberries, tobacco, and roses.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place inaccessible to children.

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Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND CONDITIONS OF SALE

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

TOAGOSEI MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, buyer's exclusive remedy shall be the replacement of the product, or if replacement is impractical, refund of the purchase price. In no case will TOAGOSEI be liable for incidental, consequential or special damages resulting from handling, storage or use of this product.

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NET WEIGHT: 2.5 LB S.

END FRONT PANEL

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