Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO. 8521.1

KALIGREEN®

POTASSIUM BICARBONATE SOLUBLE POWDER

KALIGREEN is a curative, contact fungicide for control of powdery mildew.

OMRI LISTED For Organic Use

ACTIVE INGREDIENT:
Potassium bicarbonate 81.9%
OTHER INGREDIENTS 18.1%
Total 100.0%

EPA Reg.No.11581-2 EPA Est. No.11581-JPN-3

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 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.

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

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call the National Pesticide Information Center at 1-800-858-7378 seven days a week, 6:30am to 4:30pm Pacific Time for emergency medical advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash clothing before reuse.

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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into 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 disposing of equipment washwater or rinsate.

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 it will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement 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 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. 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
- chemical resistant gloves
- shoes plus socks

NON-AGRICULTURAL REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and domestic animals out of the treated area until sprays have dried.

MODE OF ACTION: KALIGREEN is a fungicide containing microencapsulated potassium bicarbonate as the active ingredient. KALIGREEN is a contact fungicide, so direct contact with the fungus organism is required for control. KALIGREEN disrupts the potassium ion balance in the fungus cell, causing the cell walls to collapse.

CHEMIGATION: Do not apply this product through any type of irrigation system.

APPLICATION: Apply by ground equipment only in sufficient water (25 gallons per acre minimum) to ensure complete and thorough coverage of foliage and/or crop. Use of a non-acidifying spreader/sticker and/or a non-phytotoxic oil will aid in ensuring thorough coverage and optimum contact with the disease organism.

LOT

Manufactured under U.S. Patent No. 5,123,950 by:
OAT Agrio Co., Ltd.
1-3-1, Kanda Ogawa-machi, Chiyoda-ku
Tokyo 101-0052, Japan

NET WEIGHT: 5.0 lbs／2.27 Kg

MIXING: Pour required amount into spray tank partially filled with water. Add KALIGREEN slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Add a spreader / sticker and/or other products last. Do not allow mixture to stand. Use within 24 hours as KALIGREEN may lose its activity if left in the tank.

COMPATIBILITY: KALIGREEN is compatible with most crop protection products and nutrients. However, do not mix it with highly acidic products as the effectiveness of KALIGREEN may be compromised. Use of a buffering agent for acidification of a tank mixture may also decrease the effectiveness of KALIGREEN. 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 the 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. KALIGREEN may be applied up to the day before harvest (PHI=1 day) for all labeled crops except roses, turf, ornamentals and tobacco. The PHI for roses, turf and ornamentals is 4 hours; the PHI for tobacco is 10 days. KALIGREEN may also be applied post-harvest to remaining foliage to decrease overwintering inoculum.

DIRECTIONS:
For control of powdery mildew, use KALIGREEN as indicated on the following crops. Use the higher rate when disease pressure increases or a severe infection has occurred.

CROPS	RATE
Root and tuber vegetables, such as beet (garden, sugar), carrot	2½-3 lbs/A
Bulb vegetables, such as onions (dry bulb, green), garlic, leeks, shallots	2½-3 lbs/A
Leafy vegetables, such as endive, head and leaf lettuce, radicchio, spinach, Swiss chard	2½-3 lbs/A
Cole crops, such as broccoli, Brussels sprouts, cabbage, cauliflower	2½-3 lbs/A
Legume vegetables (succulent or dried), such as bean (snap, green), pea (edible-pod, field, green, snow)	2½-3 lbs/A
Fruiting vegetables, such as eggplant, pepper (bell, chili, pimento), tomatillo, tomato	2½-3 lbs/A
Cucurbits, such as cucumber, cantaloupe, casaba, honeydew melon, pumpkin, summer squash (crookneck, zucchini), winter squash (butternut, acorn), watermelon	2½-5 lbs/A
Pome fruits, such as apple, pear, quince	2½-3 lbs/A
Stone fruits, such as apricot, cherry, nectarine, peach, plum, prune	2½-3 lbs/A
Grapes (wine, fresh market, raisin)	2½-5 lbs/A
Small fruits and berries, such as blackberry, blueberry, currant, loganberry, raspberry, strawberry	2½-3 lbs/A
Subtropical fruits, such as banana, date, mango, papaya, pineapple	2½-3 lbs/A
Cereal grains, such as barley, wheat	2½-3 lbs/A
Herbs and spices, such as basil, chives, coriander (cilantro), dill, oregano, parsley, thyme	2½-3 lbs/A
Hops	2½-5 lbs/A
Additional crops, mint (peppermint and spearmint), tobacco	2½-3 lbs/A
Ornamentals-field and greenhouse, such as bare root, container, bedding and flowering stock, field grown cut flowers, vegetable transplants, nursery and landscape, potted flowering, shade and flowering trees, woody ornamentals*	1-3 lbs/A or 1-3 lbs/100 gal.water/A for hand held applications
Roses (field and greenhouse)	1-3 lbs/A or 1-3 lbs/100 gal.water/A for hand held applications
Turf (ornamental lawns, golf courses and sod farms)	2½-3 lbs/A or 3 lbs/100 gal.water/A for hand held applications

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

STORAGE AND DISPOSAL

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

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

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into equipment. Then dispose of empty bag, by recycling if available, or 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

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

The directions for the 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 SELLER.

To the extent consistent with applicable law, 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, SELLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

To the extent consistent with applicable law, the SELLER shall not be liable for consequential, special or indirect damages resulting from the use or handling of the product. Any variation or exemption from this warranty must be in writing and signed by an authorized representative of the SELLER.

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品名	カリグリーン米国 2.27kg	刷色	改 ●●○(●は透明部です。)	寸法	W740×P230	作成者	菊池
作成日	① 2014.08.29 ② 2014.09.02 ③ ④	検品者印		営業印			