



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

99270-1

Date of Issuance:

3/7/2022

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

KitoGreen®

Name and Address of Registrant (include ZIP Code):

KitoZyme S.A.
 Rue de Milmort 680
 Parc Industriel des Hauts-Sarts – Zone 2
 Herstal, Belgium

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 99270-1.”

Signature of Approving Official:

Andrew Bryceland, Team Leader
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

3/7/2022

3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 12/22/2020

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Gina Burnett of my team via email at burnett.gina@epa.gov

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland".

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

KitoGreen®

ACTIVE INGREDIENT:
Chitosan.....85%
Other ingredients.....15%
Total.....100%

ACCEPTED

Mar 07, 2022

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 99270-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If in eyes	<ul style="list-style-type: none">● 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 swallowed	<ul style="list-style-type: none">● Call 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 the poison control center or doctor.● Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">● 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.
If on skin or clothing	<ul style="list-style-type: none">● 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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

Manufactured by:
KitoZyme S.A.
Rue de Milmort 680
Parc Industriel des Hauts-Sarts – Zone 2
Herstal, Belgium
Tel: 0032 42 59 85 00
Email: info@kitozyme.com

EPA Reg. No. _____ EPA Est. No. _____

NET CONTENT : XX YY ZZ

Batch No: _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders, pickers, and other handlers must wear:

- Hand protection: wear protective gloves
- Eye protection: chemical goggles or safety glasses
- Respiratory protection: wear appropriate mask
- Body protection: long sleeved shirt and long pants
- Feet protection: socks and shoes
- Other information: do not eat, drink or smoke during use

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:

- Remove clothing immediately if biopesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

For terrestrial uses: 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.

PHYSICAL OR CHEMICAL HAZARDS

For spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators using this product are responsible for obtaining an EPA Registration for their formulated product. KitoGreen® may be used in agricultural end-use products for the purpose of bolstering plant defense.

For any requirements specific to your State or Tribe, consult the agency responsible for biopesticide regulation. 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.

AGRICULTURAL USE REQUIREMENTS

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 biopesticide regulation.

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 biopesticides. 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

The restricted-entry interval (REI) is 4 hours, do not allow worker entry into treated areas during the restricted-entry interval (REI).

PPE is 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

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

NON-AGRICULTURAL USE 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 biopesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, and greenhouses.

Do not enter treated area without protective clothing until sprays have dried.

PRODUCT INFORMATION

KitoGreen® is a product containing 85% chitosan derived from fungal origin and other ingredients derived from the same fungal source. It is antibacterial, antifungal, and nematicide on listed agricultural crops. It prevents spore germination and causes existing mycelia to shrink and lose structural integrity. KitoGreen® is effective against nematodes, plant pathogens, soil and foliar

diseases including powdery and downy mildews, Botrytis, Sclerotinia spp., Phytophthora spp., leaf spot, early and late blight, anthracnose, stem wilt, damp-off, stem cankering and blast. KitoGreen® will also stimulate the natural defense system of the plants, thanks to its eliciting effects, will increase seed germination, enhance seedling growth and vigor, and support healthier root systems.

KitoGreen® can be used throughout the growing season in greenhouse and field applications.

Integrated Pest Management: KitoGreen® can be used into an overall pest management strategy and following best management practices (or practices known to reduce disease development). It makes it less likely that disease will be established.

MIXING AND APPLICATION INSTRUCTIONS

Mixing: Partially fill the tank with clean water and begin the agitation. Acidify the water to a pH of 5 (for a final concentration of KitoGreen of 0.15% or less) or to a pH of 3.5 (for a final concentration of KitoGreen of 2% maximum). Add the desired quantity of KitoGreen® to the agitated water. Finish filling the tank to the desired volume to obtain the proper spray concentration. Use spray mixture immediately. Do not allow spray mixture to stand overnight or for prolonged periods.

Application: Apply KitoGreen® using conventional spray equipment or through sprinkler irrigation to the point of saturation. Good coverage and wetting is required. The amount of spray solution to apply will vary depending on the type of crop.

Compatibility: KitoGreen® may be tank mixed with some fungicides if pH can be maintained acidic. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. It is always advisable to conduct a spray compatibility test when you plan to mix this product with another product. KitoGreen® has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

FOLIAR APPLICATIONS

KitoGreen® can be applied as a foliar spray by ground and by air.

SOIL TREATMENT USE DIRECTIONS

KitoGreen® can be applied by soil drench, in-furrow spray, or soil injection to improve plant health and to protect against certain soil-borne diseases.

In general, KitoGreen® can be applied by the following methods:

Soil Drench Applications: Apply KitoGreen® at a concentration 0,13 lb - 0,90 lb/acre with sufficient water to thoroughly soak the growing media and root zone. Make an initial application during or shortly after transplant to control soil-borne diseases, reduce transplant shock, induce disease resistance, and to promote root growth. Multiple drench applications can be made every two weeks.

Injected Applications: KitoGreen® can be injected into the soil.

In-Furrow Applications: KitoGreen® can be applied at planting as an in-furrow spray. Direct the spray into the seed furrow just before the seeds are covered.

Application Rates for Selected Crops

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Artichoke	Powdery Mildew (<i>Erysiphe cichoracearum</i>) (<i>Leveillula taurica</i>) Ramularia Leaf Spot (<i>Ramularia cynarae</i>) Gray Mold (<i>Botrytis cinerea</i>) White Mold (<i>Sclerotinia sclerotiorum</i>)	Foliar (Ground or Aerial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Asparagus	Botrytis Blight (<i>Botrytis cinerea</i>) Rust (Puccinia aspargi)	Foliar (Ground or Aerial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Berries, including: Blackberry, Blueberry, Bushberry, Caneberry, Cranberry, Currants, Elderberry, Gooseberry, Huckleberry, Loganberry and Raspberry.	Botrytis Blight (<i>Botrytis cinerea</i>) Mummy Berry (<i>Monilinia vaccinii-corymbosi</i>) Alternaria Fruit Rot (<i>Alternaria spp.</i>) Anthracnose Fruit Rot (<i>Colletotrichum acutatum</i>) Bacterial Canker (<i>Pseudomonas syringae</i>) Leaf Rust (<i>Pucciniastrum vaccinii</i>) Leaf Spot and Blotch	Foliar (Ground or Aerial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<p>(<i>Mycosphaerella</i> spp.) (<i>Septoria</i> spp.) Phomopsis Leaf Spot, Twig Blight and Fruit Rot (<i>Phomopsis</i> spp.) Powdery Mildew (<i>Microsphaera alni</i>) Spur Blight (<i>Didymella</i> spp.) <i>Phoma</i> spp. Nematodes (<i>Nematoda</i>)</p>			
<p>Bulb Vegetables, including: Garlic, Leeks, Onions (Bulb and Green), Shallots, And other bulb vegetable crops</p>	<p>Botrytis Leaf Blight (<i>Botrytis squamosa</i>) Botrytis Neck Rot (<i>Botrytis</i> spp.) Onion Purple Blotch (<i>Alternaria porri</i>) Downy Mildew (<i>Peronospora</i> spp.) Powdery Mildew (<i>Erysiphe</i> spp.) Rust (<i>Puccinia porri</i>) Stemphyllium Leaf Blight (<i>Stemphyllium vesicarium</i>) <i>Fusarium</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. Nematodes (<i>Nematoda</i>)</p>	<p>All applications</p>	<p>0,13 lb - 0,90 lb</p>	<p>Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.</p>

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Cereal Grains, including: Barley, Buckwheat, Grain Amaranth, Milo, Oat, Millets, Rice, Rye, Sorghum, Triticale and Wheat	Powdery Mildew (<i>Erysiphe graminis</i>) Bacterial Blight and Streak (<i>Xanthomonas</i> spp.) Brown Rot, Leaf Spots & Smuts (<i>Ceratobasidium</i> spp.) (<i>Cercospora</i> spp.) (<i>Drechslera</i> spp.) Rice Blast (<i>Pyricularia grisea</i>) Rust (<i>Puccinia</i> spp.) Septoria Leaf Spot (<i>Septoria</i> spp.) Sheath Spot and Blight (<i>Rhizoctonia oryzae</i>) (<i>Thanatephorus cucumeris</i>) Stem Rot (<i>Sclerotium oryzae</i>) Smut (<i>Tilletia barclayana</i>)	Foliar (Ground and Arial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Citrus Fruits, including: Calamondin, Citrus citron, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange (sour and sweet), Pummelo and Satsuma mandarin	Bacterial Canker (<i>Xanthomonas</i> spp.) Alternaria Brown Spot (<i>Alternaria alternata</i>) Bacterial Blast (<i>Pseudomonas syringae</i>) Black Spot (<i>Guignardia citricarpa</i>) (<i>Phyllosticta</i>)	Foliar (Ground and Arial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>citricarpa</i>) Greasy Spot (<i>Mycosphaerella citri</i>) Melanose (<i>Diaporthe citri</i>) Postbloom Fruit Drop (<i>Colletotrichum acutatum</i>) Scab (<i>Elsinoe australis</i>) (<i>Elsinoe fawcetti</i>)			
Cole Crops - (Brassicas), including: Broccoli, Broccoli Rabe, Brussels Sprouts, Cabbage, Chinese Broccoli, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Cavalo, Collards, Kale, Kohlrabi, Mizuna Mustard Greens, Mustard Spinach, Rape Greens, Turnip	Powdery Mildew (<i>Erysiphe cruciferarum</i>) (<i>Erysiphe polygoni</i>) Alternaria Leaf Spot (<i>Alternaria spp.</i>) Downy Mildew (<i>Peronospora parasitica</i>) Pin Rot Complex (<i>Alternaria, Xanthomonas</i>) Xanthomonas Leaf Spot (<i>Xanthomonas campestris</i>) White Rust (<i>Albugo candida</i>) Nematodes (<i>Nematoda</i>)	Foliar (Ground and Arial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Corn, including: Sweet Corn, Field Corn, Popcorn, Silage Corn and Seed Corn	Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>) Eye Spot (<i>Aureobasidium zeae</i>) Gray Leafspot (<i>Cercospora zeae- maydis</i>) Rusts (<i>Puccinia</i>)	Foliar (Ground and Arial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	spp.) Northern Leaf Blight (<i>Cochliobus carbonum</i>) Southern Leaf Blight (<i>Cochliobus heterostrophus</i>)			
Cotton	Alternaria Leaf Spot, Boll Rot (<i>Alternaria</i> spp.) Anthracnose, Boll Rot (<i>Anthracnose</i> spp.) Ascochyta Blight, Boll Rot (<i>Ascochyta</i> spp.) Cercospora Blight and Leaf Spot (<i>Cercospora</i> spp.) Diplodia Boll Rot (<i>Diplodia</i> spp.) Hard Lock, Boll Rot (<i>Fusarium</i> spp.) Leaf Spot (<i>Corynespora cassicola</i>) Phoma Blight, Boll Rot (<i>Phoma</i> spp.) Rust (<i>Puccinia</i> spp.) (<i>Phykopsora</i> spp.) Stemphyllium Leaf Spot (<i>Stemphyllium</i> spp.) Nematodes (<i>Nematoda</i>)	Foliar (Ground and Arial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
<p>Cucurbits Includes all types and hybrids of: Chayote, Chinese Waxgourd, Cucumber, Citron Melon, Gherkin, Pumpkin and Watermelon Edible Gourd: Chinese Okra, Cucuzza and Hyotan Mormordica spp.: Balsam Apple, Balsam Pear, Bitter Melon and Chinese Cucumber Muskmelon: Cantaloupe, Casaba, Crenshaw Melon, Golden Pershaw Melon, Honeydew Melon, Honey Balls, Mango Melon, Persian Melon, Pineapple Melon, Santa Clause Melon and Snake Melon Summer Squash: Crookneck Squash, Scallop Squash, Straightneck Squash, Vegetable Marrow and Zucchini Winter Squash: Acorn Squash, Butternut Squash, Calabaza, Gubbard Squash and Spaghetti Squash</p>	Powdery Mildew (<i>Erysiphe cichoracearum</i>) (<i>Sphaerotheca fuliginea</i>) Anthracnose (<i>Colletotrichum lagenarium</i>) Alternaria Leaf Spot (<i>Cercospora citrulina</i>) Downy Mildew (<i>Pseudoperonospora cubensis</i>) Gummy Stem Blight (<i>Didymella bryoniae</i>) Phytophthora Blight (<i>Phytophthora capsici</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. Nematodes (<i>Nematoda</i>)	All applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
And other cucurbit crops				
Fruiting Vegetables, including: Eggplant, Okra, Pepper, Tomato, Tomatillo and Ground Cherry	Bacterial Blight (<i>Xanthomonas</i> spp.) Bacterial Spot (<i>Xanthomonas</i> spp.) Bacterial Speck (<i>Pseudomonas syringae</i>) Black Mold (<i>Alternaria alternata</i>) Early Blight (<i>Alternaria solani</i>) Gray Mold (<i>Botrytis cinerea</i>) Late Blight (<i>Phytophthora capsici</i>) Powdery Mildew (<i>Erysiphe</i> spp.) (<i>Leveillula taurica</i>) (<i>Oidopsis taurica</i>) (<i>Sphaerotheca</i> spp.) Target Spot (<i>Corynespora cassicola</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Rhizoctonia</i> spp. <i>Verticillium</i> spp. Nematodes (<i>Nematoda</i>)	All applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Grapes	Powdery Mildew (<i>Uncinula necator</i>) Angular Leaf Spot (<i>Mycosphaerella angulata</i>) Anthracnose (<i>Elsinoe</i>)	All applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>ampelina</i>) Botrytis Bunch Rot (<i>Botrytis cinerea</i>) Black Rot (<i>Guignardia bidwellii</i>) Downy Mildew (<i>Plasmopara viticola</i>) Eutypa (<i>Eutypa lata</i>) Leaf Blight (<i>Pseudocercospora vitis</i>) Phomopsis Fruit Rot (<i>Phomopsis viticola</i>) Ripe Rot (<i>Colletotrichum gloeosporioides</i>) Sour Rot (<i>Alternaria tenuis</i>) (<i>Aspergillus</i> spp.) (<i>Botrytis cinerea</i>) (<i>Cladosporium herbarum</i>) (<i>Penicillium</i> spp.) (<i>Rhizopus arrhizus</i>) Nematodes (<i>Nematoda</i>)			max 0,90 lb/acre for curative effects.
Grass Seed	Powdery Mildew (<i>Erysiphe graminis</i>) (<i>Oidium</i> spp.) (<i>Podosphaera</i> spp.) (<i>Sphaerotheca</i> spp.) Rust (<i>Puccinia</i> spp.)	Foliar (Ground)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Hops	Downy Mildew (<i>Pseudoperonospora humili</i>) Powdery Mildew	Foliar (Ground)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	(<i>Sphaerotheca macularis</i>)			Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Leafy Vegetables, including: Arugula, Beet, Celery, Chervil, Cilantro, Corn Salad, Cress, Dandelion, Dock, Edible Chrysanthemum, Endive, Fennel, Garden Peas, Head Lettuce, Leaf Lettuce, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard and Watercress	Downy Mildew (<i>Bremia lactuca</i>) (<i>Peronospora</i> spp.) Bacterial Blight/Rot (<i>Xanthomonas</i> spp.) Cercospora Leafspot (<i>Cercospora</i> spp.) Late Blight (<i>Septoria apiicola</i>) Pink Rot (<i>Sclerotinia sclerotiorum</i>) Powdery Mildew (<i>Erysiphe cichoracearum</i>) Sclerotinia Had and Leaf Drop (<i>Sclerotinia minor</i>) (<i>Sclerotinia sclerotiorum</i>) White Rust (<i>Albugo occidentalis</i>) Nematodes (<i>Nematoda</i>)	Foliar (Ground), In-Furrow and Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Legumes, succulent and dried, (not including soybeans and peanuts): Chick Peas, Dry Beans, Garbanzo Beans, Green	Bacterial Blight (<i>Xanthomonas campestris</i>) Gray Mold (<i>Botrytis cinerea</i>) Pythium (aerial blight phase) (<i>Pythium</i> spp.)	Foliar (Ground), In-Furrow and Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Beans, Lentils, Lima Beans, Peas, Shell Beans, Snap Beans, Split Peas, And other legume crops	Powdery Mildew (<i>Erysiphe</i> spp.) Rust (<i>Puccinia</i> spp.) (<i>Uromyces appendiculatus</i>) White Mold (<i>Sclerotinia sclerotiorum</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Rhizoctonia</i> spp. Nematodes (<i>Nematoda</i>)			max 0,90 lb/acre for curative effects.
Mint and other Herbs/Spices, including: Angelica, Balm, Basil, Borage, Burnet, Chamomile, Catnip, Chervil, Chive, Clary, Coriander, Costmary, Cilantro, Curry, Dillweed, Horehound, Hyssop, Lavender, Lemongrass, Lovage, Marjoram, Nasturtium ,Parsley (dried), Peppermint, Rosemary, Sage, Savory (summer and winter), Sweet Bay, Tansy, Tarragon, Thyme, Wintergreen, Woodruff and Wormwood	Downy Mildew (<i>Peronospora</i> spp.) Powdery Mildew (<i>Erysiphe</i> spp.) Rust (<i>Puccinia menthae</i>) Nematodes (<i>Nematoda</i>)	Foliar (Ground and Arial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Oil Seed Crops, including (not including cotton, peanut or soybean):	Bacterial Pustule (<i>Xanthomonas</i> spp.) Bacterial Speck (<i>Pseudomonas</i>	Foliar (Ground and Arial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Canola, Castor, Flax, Rapeseed, Safflower, Sesame and Sunflower	<i>syringe</i> pv. <i>glycinea</i>) Brown Spot (<i>Septoria glycines</i>) Cercospora Leaf Spot (<i>Cercospora</i> spp.) Downy Mildew (<i>Peronospora mansherica</i>) Pod and Stem Blight (<i>Diaporthe phaseolorum</i> var. <i>sojae</i>) (<i>Phomopsis longicola</i>) White Mold/Sclerotinia Stem Rot (<i>Sclerotinia sclerotiorum</i>) Nematodes (<i>Nematoda</i>)			days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Olive	Olive Knot (<i>Pseudomonas savastanoi</i>)	Foliar (Ground and Arial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90lb/acre for curative effects.
Ornamental Plants: Herbaceous Ornamentals: Flowering Plants and Foliage Plants Woody Ornamentals: Broadleaves, Shrubs and trees Conifers, Shrubs and trees	Anthracnose (<i>Colletotrichum</i> spp.) Bacteria (<i>Erwinia</i> spp.) (<i>Pseudomonas</i> spp.) (<i>Xanthomonas</i> spp.) Black Spot of Rose (<i>Diplocarpon</i>)	All applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<p><i>rosae</i>) Blossom Blight (<i>Monilinia</i> spp.) Downy Mildew (<i>Peronospora</i> spp.) (<i>Plasmopara viburni</i>) Gray Mold (<i>Botrytis cinerea</i>) Leaf Spot (<i>Alternaria</i> spp.) (<i>Cercospora</i> spp.) (<i>Entomosporium</i> spp.) (<i>Myrothecium</i> spp.) (<i>Septoria</i> spp.) Powdery Mildew (<i>Erysiphe</i> spp.) (<i>Oidium</i> spp.) (<i>Podosphaera</i> spp.) (<i>Sphaerotheca</i> spp.) Rust (<i>Puccinia</i> spp.) (<i>Albugo candida</i>) Scab (<i>Venturia</i> spp.) Alternaria leaf spot (<i>Alternaria alternata</i>) <i>Calonectria</i> spp. <i>Cladosporium</i> spp. <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. <i>Verticillium</i> spp. Nematodes (<i>Nematoda</i>)</p>			

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Peanut	Aspergillus Crown Rot (<i>Aspergillus niger</i>) Rhizoctonia Foliar Blight, Peg, and Root Rot (<i>Rhizoctonia solani</i>) White Mold (<i>Sclerotium rolfsii</i>) Aspergillus Crown Rot (<i>Aspergillus niger</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. <i>Verticillium</i> spp. White Mold (<i>Sclerotium rolfsii</i>) Nematodes (<i>Nematoda</i>)	All Applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Pome Fruits, including: Apple, Crabapple, Loquat, Mayhaw Pear, Pear oriental and Quince	Powdery Mildew (<i>Podosphaera leucotricha</i>) Alternaria Blotch (<i>Alternaria mali</i>) Apple Scab (<i>Venturia inaequalis</i>) Bitter Rot (<i>Colletotrichum</i> spp.) Black Rot/ Frogeye Leaf Spot (<i>Botryosphaeria obtusa</i>) Bot Rot (<i>Botryosphaeria</i>	Foliar	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>dothidea</i>) Brooks Spot (<i>Mycosphaerella pomi</i>) Bull's Eye Rot (<i>Neofabraea spp.</i>) Cedar-Apple Rust (<i>Gymnosporangium juniper-virginiana</i>) e) Fire Blight (<i>Erwinia amylovora</i>) Flyspeck (<i>Zygophiala jamaicensis</i>) Sooty Blotch (<i>Geastrum polystigmati</i>) (<i>Leptodontium elatius</i>) (<i>Peltaster fructicola</i>) White Rot (<i>Botryosphaeria dothidea</i>)			
Root, Tuber and Corm Vegetables, including: Beets, Carrots, Cassava, Ginger, Ginseng, Horseradish, Potato, Radish, Sugar beets, Sweet potato, Yams and Turnip	Bacterial Leaf Blight (<i>Xanthomonas campestris</i>) Black Root Rot / Black Crown Rot (<i>Alternaria spp.</i>) Downy Mildew (<i>Peronospora spp.</i>) Early Blight (<i>Alternaria spp.</i>) Gray Mold (<i>Botrytis cinerea</i>) Late Blight (<i>Phytophthora infestans</i>) Powdery Mildew (<i>Erysiphe spp.</i>)	All Applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	White Mold <i>(Sclerotinia sclerotiorum)</i> Clubroot <i>(Plasmodiophora brassicae)</i> Common Scab <i>(Streptomyces scabies)</i> <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. <i>Verticillium</i> spp. Nematodes <i>(Nematoda)</i>			
Soybean	Aerial Web Blight <i>(Rhizoctonia solani)</i> Alternaria Leafspot <i>(Alternaria spp.)</i> Anthracnose <i>(Colletotrichum truncatum)</i> Asian Soybean Rust <i>(Phakopsora pachyrhizi)</i> Brown Spot <i>(Septoria glycines)</i> Cercospora Blight <i>(Cercospora kikuchii)</i> Frog-eyed Leaf spot <i>(Cercospora sojina)</i> Pod and Stem Blight <i>(Diaporthe spp.)</i> Septoria Brown Spot <i>(Septoria glycines)</i> White Mold <i>(Sclerotinia</i>	All Applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>sclerotiorum</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp Nematodes (Nematoda)			
Stone Fruits, including: Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum, Plumcot and Prune (fresh)	Alternaria Spot/Fruit Rot (<i>Alternaria alternata</i>) Anthracnose (<i>Colletotrichum</i> spp.) Bacterial Canker (<i>Pseudomonas</i> spp.) Bacterial Spot (<i>Pseudomonas</i> spp.) Brown Rot Blossom Blight and Fruit Rot (<i>Monilinia</i> spp.) Cercospora Leaf Spot (<i>Cercospora</i> spp.) Cherry Leaf Rot (<i>Blumeriella jaapii</i>) Gray Mold (<i>Botrytis cinerea</i>) Jacket Rot, Green Fruit Rot (<i>Botrytis cinerea</i> , <i>Monilinia</i> spp., <i>Sclerotinia sclerotiorum</i>) Powdery Mildew (<i>Podosphaera</i> spp.) (<i>Sphaerotheca pannosa</i>) Rust (<i>Tranzschelia discolor</i>)	All Applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	Rusty Spot (<i>Podosphaera leucotricha</i>) Scab (<i>Cladosporium carpophilium</i>) Shot Hole (<i>Wilsonomyces carpophilus</i>)			
Strawberry	Anthracnose (<i>Colletotrichum</i> spp.) Botrytis (<i>Botrytis cinerea</i>) Leaf Spot (<i>Mycosphaerella fragariae</i>) Phomopsis Leaf Blight (<i>Phomopsis obscurans</i>) Powdery Mildew (<i>Sphaerotheca macularis</i>) Black Root Rot (<i>Rhizoctonia</i> spp.) (<i>Pythium</i> spp.) (<i>Fusarium</i> spp.) (<i>Cylindrocarpon</i> spp.) Phytophthora Root Rot and Crown Rot (<i>Phytophthora</i> spp.) Verticillium Wilt (<i>Verticillium</i> spp.) <i>Pythium</i> spp. Nematodes (<i>Nematoda</i>)	All Applications	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
Sugar Beets	Powdery Mildew (<i>Erysiphe betae</i>) (<i>Erysiphe polygoni</i>) Leaf Spot (<i>Cercospora beticola</i>) Ramularia (<i>Ramularia</i> spp.) Rust (<i>Uromyces betae</i>) Nematodes (<i>Nematoda</i>)	Foliar Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Sugarcane	Brown Rust (<i>Puccinia melanocephala</i>) Orange Rust (<i>Puccinia kuehnii</i>) Nematodes (<i>Nematoda</i>)	Foliar (Ground) and Aerial) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Tobacco	Blue Mold (<i>Peronospora tabacina</i>) <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. <i>Verticillium</i> spp.	Foliar and Plant Drench	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.
Tree nuts, including: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut, Pecan and Walnut (Black and English)	Walnut Blight (<i>Xanthomonas campestris</i>) Alternaria Late Blight, Alternaria Leaf Spot (<i>Alternaria</i> spp.) Anthracnose (<i>Colletotrichum</i> spp.) (<i>Gnomonia leptostyla</i>) Bacterial Canker	Foliar (Ground) and Aerial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>(Erwinia nigrifluens)</i> Botryosphaeria Blight <i>(Botryosphaeria dothidea)</i> Brown Rot <i>(Monilinia spp.)</i> Jacket Rot, Green Fruit Rot <i>(Botrytis cinerea, Monilinia spp., Sclerotinia sclerotiorum)</i> Eastern Filbert Blight <i>(Anisogramma anomala)</i> Leaf Rust <i>(Tranzschelia discolor)</i> Scab <i>(Cladosporium carpophilum)</i> <i>(Sphaceloma perseae)</i> Shot Hole <i>(Wilsonomyces carpophilus)</i>			
Tropical Fruits, including: Avocado, Banana, Kiwi, Mango, Papaya, Plantain, Pineapple and Pomegranate	Anthracnose <i>(Colletotrichum gloeosporioides)</i> Bacterial Blight <i>(Pseudomonas syringae)</i> <i>(Pseudomonas viridiflava)</i> Bacterial Canker <i>(Xanthomonas campestris)</i> Botrytis Fruit Rot <i>(Botrytis cinerea)</i> Scab <i>(Elsinoe mangiferae)</i> Sigatoka <i>(Mycosphaerella</i>	Foliar (Ground) Soil	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>fijiensis</i>) Nematodes (<i>Nematoda</i>)			
Grass (Sport fields, Golf courses), including: Bent grass, Bermuda grass, Bluegrass, Centipede grass, Dichondra, Fescue, Rye grass, Wheat grass, Zoysia grass, St. Augustine.	Brown patch and Large patch (<i>Rhizoctonia solani</i>) Pythium blight and Pythium Root Rot (<i>Pythium</i> spp.) Pink snow mold and Fusarium Patch (<i>Microdochium nivale</i>) Summer patch (<i>Magnaporthe poae</i>) Necrotic Ring Spot (<i>Ophiosphaerella korrae</i>) Bentgrass Dead Spot (<i>Ophiosphaerella agrostis</i>) Spring Dead Spot (<i>Ophiosphaerella</i> spp.) Take-all Patch (<i>Gaeumannomyces graminis</i> var. <i>avenae</i>) Superficial Fairy Ring (<i>Coprinus kubickae</i> , <i>Melanotus phillipsii</i> , <i>Trechispora</i> spp.) Yellow Tuft (Downy Mildew) (<i>Sclerophthora macrospora</i>) Powdery Mildew (<i>Erysiphe</i>	Foliar (Ground) and Aerial)	0,13 lb - 0,90 lb	Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days. Use min 0,13 lb/acre for preventive effects and max 0,90 lb/acre for curative effects.

Crops	Target Disease	Application Method	Dose (min-max) per acre	Notes
	<i>graminis</i> Rust (<i>Puccinia</i> spp.) (<i>Uromyces dactylidis</i>) Stripe Smut (<i>Ustilago striiformis</i>) Gray Snow Mold (Typhula Blight) <i>Waitea</i> spp. Anthracnose (<i>Colletotrichum cereale</i>) Dollar Spot (<i>Sclerotinia homoeocarpa</i>) Gray Leaf Spot (<i>Pyricularia grisea</i>) Southern Blight (<i>Sclerotium rolfsii</i> Sacc.)			

Application Rates for Post-Harvest Commodities

Post Harvest Crops	Disease, including:	Rate	Notes
Postharvest fruits and vegetables, including: Apples, Banana, Cherries, Citrus, Melon, Mango, Pears, Pineapple, Potatoes and Sweet potatoes	Blue mold, Dry rot, Gray mold, Green mold, Mucor rot, Silver scurf and Sour rot.	0,03 lb - 0,060 lb / Gallon	Apply once with a solution of 0,03lb to 0,06lb/gallon. To dissolve the KitoGreen®, use the method described in the "mixing" section above. The application may be made as a spray, a dip or a wash.

SEED TREATMENT USE DIRECTIONS

KitoGreen® can be applied as a seed dressing, seed soak or tuber dip at plant or in commercial seed treatments for suppression of nematode damage, soilborne diseases, promote seed germination, enhance seedling vigor and seedling growth, and increase root growth. Apply KitoGreen® as a water-based slurry with other registered seed treatments insecticides, nematicides, fungicides, through standard slurry or mist type commercial seed treatment equipment at a concentration of 2% KitoGreen in water acidified at pH of 3,5 or below.

Mixing Instructions: Prepare no more mixture than is required for the immediate operation. Agitate the solution vigorously during mixing and application. Mechanical mixing is recommended for proper mixing of KitoGreen® mixtures. For seed treatment apply 3 – 50 grams of KitoGreen per 100 lbs of seed.

Note: When using KitoGreen® in tank mixture with other seed treatment products, observe all direction for use, crops/sites, use rates, dilution ratios, precautions, and limitations that appear on the tank mix partner label. No label dosage might be exceeded and the most restrictive label precautions and limitations must be followed. This product should not be mixed with any product that prohibits such mixing.

For Use on the Following Crops

Bulb Vegetables: Garlic, Leeks, Onions (Bulb and Green), Shallots, and other bulb vegetable crops

Cereal Grains: Barley, Buckwheat, Grain Amaranth, Milo, Oats, Pearl Millet, Rye, Sorghum, Triticale, Wheat.

Cole Crops - (Brassicas): Broccoli, Broccoli Rabe, Brussels Sprouts, Cabbage, Chinese Broccoli, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Cavalo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, and Turnip

Corn (Field Corn, Sweet Corn, Popcorn, and Corn Grown for Seed)

Cotton

Cucurbits: Chayote, Chinese Waxgourd, Cucumber, Citron Melon, Gherkin, Pumpkin and Watermelon; **Muskmelon:** Cantaloupe, Casaba, Crenshaw Melon, Golden Pershaw Melon, Honeydew Melon, Honey Balls, Mango Melon, Persian Melon, Pineapple Melon, Santa Clause Melon and Snake Melon; **Summer Squash:** Crookneck Squash, Scallop Squash, Straightneck Squash, Vegetable Marrow and Zucchini; **Winter Squash:** Acorn Squash, Butternut Squash, Calabaza, Gubbard Squash and Spaghetti Squash, and other cucurbit crops

Fruiting Vegetables: Eggplant, Okra, Pepper, Tomato, Tomatillo and Ground Cherry.

Leafy Vegetables: Arugula, Beet, Celery, Chervil, Cilantro, Corn Salad, Cress, Dandelion, Dock, Edible Chrysanthemum, Endive, Fennel, Garden Peas, Head Lettuce, Leaf Lettuce, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard and Watercress.

Legumes, succulent and dried, (not including soybeans and peanuts): Chick Peas, Dry Beans, Garbanzo Beans, Green Beans, Lentils, Lima Beans, Peas, Shell Beans, Snap Beans, Split Peas, and other legume crops.

Oil Seed Crops:(not including cotton, peanut or soybean): Canola, Castor, Flax, Rapeseed, Safflower, Sesame and Sunflower.

Peanut.

Root, Tuber and Corm Vegetables: Beets, Carrots, Cassava, Ginger, Ginseng, Horseradish, Potato, Radish, Sugar beets, Sweet potato, Yams and Turnip.

Soybean.

CHEMIGATION USE DIRECTIONS

Apply this product only through sprinklers including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation systems. Do not connect an irrigation system (including greenhouse systems) used for biopesticide applications to a public water system.

Spray preparation

For a good solubility of the product, the water used to dissolve it must have a low pH which can be achieved by adding, for example, natural vinegar. In a clean bucket, prepare a solution with a pH of 4.5- 5.5 and dissolve the desired amount of the product. Stir long enough for the product to be and remain in dissolution. Pour this solution into a clean tank ½ filled. Add water to the desired volume and continue to stir.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in the mix tank during mixing and application to insure a uniform suspension. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume for a more dilute solution per unit time. Crop injury or lack of effectiveness can result from non-uniform distribution of treated water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Allow sufficient time for biopesticide to be flushed through all lines and all nozzles before turning off irrigation waters.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The biopesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the biopesticide injection pump when the water pump stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where biopesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with biopesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

Do not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

STORAGE AND DISPOSAL

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

BIOPESTICIDE STORAGE: Store in cool and a dry place. Avoid freezing.

BIOPESTICIDE DISPOSAL: To avoid all wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or biopesticide disposal program (often such programs are run by state or local governments or by industry).

Do not contaminate water when disposing of equipment wash water or rinsate. Improper disposal of unused biopesticide, wash water or rinse water is a violation of federal law.

NONREFILLABLE CONTAINER HANDLING (GREATER THAN FIVE GALLONS):

Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedure approved by local and state authorities.

CONDITIONS OF SALE, WARRANTY STATEMENT, DISCLAIMER

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of KitoZyme, the manufacturer, or the seller.

Treatment of highly mechanical damage seed or seed of unknown low vigor and poor quality, may result in reduced germination and or reduction of seed and seedling vigor. Treat and conduct seed germination tests on a small portion of seed before committing to the total seed lot to a selected chemical treatment. Due to seed quality beyond the control of KitoZyme, no claims are made to guarantee germination of carry-over seed.

Note: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, KitoZyme makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, KitoZyme liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

KitoZyme makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above.