KOSARID™ FP

Biofungicide

Koppert

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

Microbial Seed Treatment for the suppression of listed diseases

ACTIVE INGREDIENT:	
Kosakonia cowanii strain SYM00028*	0.102%
OTHER INGREDIENTS:	99.898%
TOTAL	**100.000%**

*Contains a minimum of 1 x 10^7 cfu/g of product

KEEP OUT OF REACH OF CHILDREN

See additional precautionary statements and directions for use in booklet.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry place away from direct sunlight, heat sources, and below 75ºF, until used. Do not allow product to freeze. Do not open the package until it is ready to use. Do not store this product near food or feed.

Pesticide Disposal

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

Container Handling

Nonrefillable Container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or dispose of empty bag in sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke. If outer box is contaminated, dispose of it in the same manner as required for the bag.

EPA Reg. No.: 95213-3-89635
EPA Est. No.: 102779-WI-1

Net Weight: 0.9 lbs (400g)
Lot Number: (See Packaging)
Not for Sale or Use After: (See Packaging)

Distributed by:
Koppert Biological Systems, Inc.
1502 Old US 23
Howell, MI 48843

PRECAUTIONARY STATEMENTS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks plus shoes
- Waterproof gloves

Mixer/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. (Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.)

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should 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.

Users should remove clothing / PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

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.

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 this product.

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 State or Tribal 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 (REI). The requirements in this box only 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.

EXCEPTION: If the product is 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.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with treated seed) is:

- Coveralls
- Socks plus shoes
- Waterproof gloves

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard (WPS) 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 unprotected persons out of treatment area until seeds have dried or been packaged.

PRODUCT INFORMATION

KOSARID™ FP is a microbial seed treatment to suppress plant diseases.

This product is a mixture of a live microbe and inert powder. To maintain the performance of the live microbe, the product must be applied as specified in the Application Instructions and stored as specified in the Storage and Disposal instructions.

APPLICATION INSTRUCTIONS

Seed Treatment Application

For suppression of listed diseases. See Crop Application Table.

Seed Treatment Application

KOSARID™ FP can be applied to seed following one of two methods:

- The product can be applied using a measuring cup as seed is being loaded into the central hopper of the planter/seeder or individual row unit. Make sure the product is evenly dispersed onto the seed as it fills the hopper or row unit. If applied at the individual row unit, a power drill with an auger bit can be used to evenly disperse the product onto the seed.
- The product can be applied using equipment designed to meter dry products onto seed as it is being transferred up a conveyor or auger either on the farm or at a seed treatment location. Be sure the product is applied evenly over the seed as it enters the conveyor or auger.

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Limitations of Use and Warranty

The Directions of Use of the product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully, Koppert® warrants that at the time of the first sale of this product it conforms to the chemical description on this label and when used according to the label directions under nomal conditions is reasonable fit for the purposes referred to above. To the extent consistent with applicable law, buyers/users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Koppert®.

EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESSED REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELL MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANT-ABILITY, AND NO AGENT OF SELL IS AUTHORIZED TO DO SO.

Koppert Biological Systems, Inc.
1502 Old US 23
Howell, MI 48843

Koppert

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Crop Application Table
Volumetric ounces are used for ease of application

Crops	Diseases Suppressed	Application Rate
Cereal Grains (except corn): Barley; Buckwheat; Millet, pearl; Millet, proso; Oats; Popcorn; Rice; Rye; Sorghum; Teosinte; Triticale; Wheat; Wild rice	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.); Aspergillus (sp.); Septoria (sp.); Ustilago (sp.); Gaeumannomyces graminis (sp.); Tilletia (sp.); Urocystis (sp.); Pythium (sp.)	1.0 fluid ounce/ cwt of seed
Corn (fresh sweet corn and dried field corn)	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.); Pythium (sp.)	1.0 fluid ounce/ cwt of seed 0.4 fluid ounce/ seed unit[1]
Cotton (including cottonseed, cultivars, varieties, and/or hybrids of these)	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.)	1.0 fluid ounce/ cwt of seed 0.5 fluid ounce/ seed unit[2]
Legume Vegetables (except soybean): Bean (Lupinus spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); bean (Phaseolus spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean); bean (Vigna spp.) (includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean); broad bean (fava bean); chickpea (garbanzo bean); guar; jackbean; lablab bean (hyacinth bean); lentil; pea (Pisum spp.) (includes dwarf pea, edible-podded pea, English pea, field pea, garden pea, green pea, snowpea, sugar snap pea); pigeon pea; sword bean	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.)	1.0 fluid ounce/ cwt of seed
Oil Seeds (except cottonseed): Borage; calendula; castor oil plant; Chinese tallowtree; crambe; cuphea; echium; euphorbia; evening primrose; flax seed; gold of pleasure; hare's ear mustard; jojoba; lesquerella; lunaria; meadowfoam; milkweed; mustard seed; niger seed; oil radish; poppy seed; rapeseed; rose hip; safflower; sesame; stokes aster; sunflower; sweet rocket; tallowwood; tea oil plant; vernonia; cultivars, varieties, and/or hybrids of these	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.)	1.0 fluid ounce/ cwt of seed
Soybean	Rhizoctonia (sp.); Fusarium (sp.); Achlya (sp.); Phytophthora (sp.); Penicillium (sp.); Cochliobolus (sp.); Pythium (sp.)	1.0 fluid ounce/ cwt of seed 0.6 fluid ounce/ seed unit[3]

[1]A seed unit of corn is defined as 80,000 seeds.
[2]A seed unit of cotton is defined as 230,000 seeds.
[3]A seed unit of soybean is defined as 140,000 seeds.

ADDITIONAL INFORMATION
Please consult with your Koppert® representative if there are questions on compatibility of specific chemical seed treatments and corresponding planting windows. Contact Koppert® at 800-928-8827. Koppert® products may not yet be registered in all states. Check with your Koppert® representative for the registration status in your state.

Information about this lot of microbial seed treatment may be obtained by writing to Koppert Biological Systems, Inc. 1502 Old US 23, Howell, MI 48843 and giving the lot number that is found on the front panel of this label.

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