



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:

89635-4

Date of Issuance:

9/10/2018

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

KM1110 WDG

Name and Address of Registrant (include ZIP Code):

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

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.

Signature of Approving Official:

Jeannine Kausch, Product Manager 92
 Microbial Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

9/10/2018

2. Submit confirmatory analysis of samples (Guideline 885.1400) data. You have 18 months from the date of this registration to provide these data to the EPA.
3. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89635-4.”
4. 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 statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 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 08/15/2018

Any CSFs other than that listed above are superseded.

If you have any questions, please contact Cody Kendrick by phone at (703) 347-0468 or via email at kendrick.cody@epa.gov.

Sincerely,



Jeannine Kausch, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

KM1110 WDG

Preventive Pre-Harvest Treatment for Post-Harvest Diseases

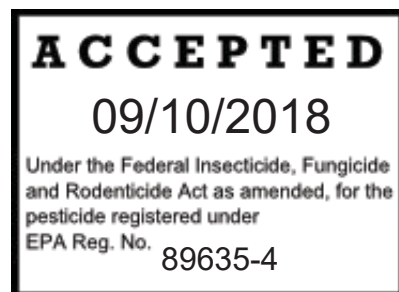
ACTIVE INGREDIENT:

Metschnikowia fructicola strain NRRL Y-27328* 58.5%

OTHER INGREDIENTS: 41.5%

TOTAL: 100.0%

*Contains a minimum of 7×10^9 cfu/gram of product



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 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 CHEMTREC at (800) 424-9300, 24 hours a day, 7 days a week for emergency medical treatment information. | |

EPA Reg. No. 89635-U

EPA Est. No. 63119-NLD-1

Net Weight:

Lot Number:

Date of Manufacture:

Manufactured for:
Koppert Biological Systems, Inc.
1502 Old US 23
Howell, Michigan 48843

Koppert Product Number XXXX

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

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

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposure 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 are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

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

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. 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.

Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable State and Federal regulations.

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. 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.

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 protective eyewear, coveralls, waterproof gloves, shoes, and socks.

PRODUCT INFORMATION

KM1110 WDG is a water dispersible granule (WDG) that contains the yeast *Metschnikowia fructicola* strain NRRL Y-27328 and prevents post-harvest decay in certain fruit and berries caused by *Botrytis cinerea*, *Monilinia* spp., and *Rhizopus* spp. The product is intended for preventive treatment and must, therefore, be applied pre-harvest before disease symptoms appear. The product is intended for agricultural and greenhouse uses.

MIXING AND APPLICATION INSTRUCTIONS

Preparation of the Spray Suspension:

1. Fill tank ½ full with desired amount of water, as directed in Table 1 below. Start agitation to provide moderate circulation before adding KM1110 WDG.
2. Add the directed amount of KM1110 WDG to the tank and the remaining volume of water and continue circulation.
3. Maintain circulation while loading and spraying.
4. Do not mix more KM1110 WDG than can be used within 24 hours.

Tank Mix Combinations:

Mixing the preparation in the spray tank with the following pesticides does not affect the vitality and activity of KM1110 WDG: sulfur preparations, kresoxim-methyl, polyoxin AL, neem oil, propamocarb, mancozeb, metiram, difenoconazole, cyprodinil + fludioxonil, dimethomorph, mefenoxam, chlorothalonil, maneb, fluazinam, potassium phosphite, and copper hydroxide.

Do not combine KM1110 WDG in the spray tank with other pesticides, surfactants, adjuvants, or fertilizers if there has been no previous experience or use of the combination to show it is physically compatible, effective, and non-injurious under your use conditions.

To ensure compatibility of tank-mix combinations, they must be evaluated prior to use. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add proportionate amounts of the products to one quart of water with agitation. Add dry formulations first, flowables and KM1110 WDG second, and emulsifiable concentrates last. After thoroughly mixing, let this mixture stand for 5 minutes. If the combination remains mixed or can readily be remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients

to the spray tank. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Pre-Harvest Application Instructions:

- Use ground equipment typical for making pesticide spray applications. Do not apply this product through any type of irrigation system.
- Spray when the humidity levels are highest such as in the early morning or evening.
- Ensure all plant parts are uniformly covered with spray solution to the point of first runoff.
- Do not allow the spray solution to go above 95°F (higher temperatures might reduce the quality of the spray solution).
- Follow the specifications in Table 1 below with regard to crop, disease controlled, application rate and frequency, spray volume, and application timing.

Do not spray when wind speed favors drift beyond the area intended for use. The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, or non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Table 1

| Crop | Disease Controlled | Application Rate and Frequency | Spray Volume | Application Timing |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| <p>Small fruit vine climbing subgroup, except fuzzy kiwifruit (Crop Subgroup 13-07F)</p> <p>Amur river grape; gooseberry; grape; hardy kiwifruit; maypop; schisandra berry; and cultivars, varieties, and/or hybrids of these</p> | <p><i>Botrytis cinerea</i></p> | <p>32 oz KM1110 WDG / acre</p> <p>Apply every 7 days</p> <p>Up to 6 applications/season</p> | <p>80 – 100 gal mixture/acre</p> | <p>From full flowering to fruit harvest</p> |
| <p>Stone fruit group (Crop Group 12-12)</p> <p>Apricot; Japanese apricot; capulin; black cherry; Nanking cherry; sweet cherry; tart cherry; Chinese jujube; nectarine; peach; plum; American plum; beach plum; Canada plum; cherry plum; Chickasaw plum; Damson plum; Japanese plum; Klamath plum; prune plum; plumcot; sloe; and cultivars, varieties, and/or hybrids of these</p> | <p><i>Monilinia</i> spp.</p> <p><i>Rhizopus</i> spp.</p> | <p>32 oz KM1110 WDG / acre</p> <p>Apply every 4 days</p> <p>Up to 6 applications/season</p> | <p>25 – 100 gal mixture/acre</p> | <p>From early ripening to fruit harvest</p> |

| Crop | Disease Controlled | Application Rate and Frequency | Spray Volume | Application Timing |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------|
| <p>Low growing berry subgroup (Crop Subgroup 13-07G)</p> <p>Bearberry; bilberry; lowbush blueberry; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry (field production); and cultivars, varieties, and/or hybrids of these</p> | <p><i>Botrytis cinerea</i></p> | <p>32 oz KM1110 WDG / acre</p> <p>Apply every 7 days</p> <p>Up to 6 applications/season</p> | <p>50 – 150 gal mixture/acre</p> | <p>From initial bloom to fruit harvest</p> |
| <p>Strawberry (greenhouse production)</p> | <p><i>Botrytis cinerea</i></p> | <p>0.75 oz KM1110 WDG / 1,000 ft²</p> <p>Apply every 7 days</p> <p>Up to 6 applications/season</p> | <p>1.2 – 3.5 gal mixture / 1,000 ft²</p> | <p>From initial bloom to fruit harvest</p> |

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container at 36-43°F (2-6°C) until use. Do not store near food or feed commodities. Keep container tightly closed when not in use.

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

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by other procedures approved by state and local authorities.

NOTICE TO BUYER AND SELLER: Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with directions under normal conditions of use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price. This product is sold only for uses stated on its label.