



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

August 18, 2022

Melissa Tacolla
Regulatory Affairs Officer
Koppert Biological Systems, Inc.
1502 Old US 23
Howell, MI 48843

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Add an Alternate Brand Name and Change the File Symbol to EPA Registration Number
Product Name: KM1110 WDG
EPA Registration Number: 89635-4
EPA Receipt Date: 03/22/2022
Action Case Number: 00348582

Dear Ms. Tacolla:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. Additionally, the alternate brand name NOLI has been added to the product’s records. You must submit one (1) copy of the final printed labeling with the modifications.

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 the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by 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 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 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 EPA’s Office of Enforcement and Compliance Assurance.

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If you have any questions, please contact Joseph Mabon via email at mabon.joseph@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Alexandra Boukedes".

Alexandra Boukedes, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure: Stamped label

NOTIFICATION

89635-4

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/18/2022

[MASTER LABEL] [Note to Reviewer: [bracketed text] is optional or alternate wording]

KM1110 WDG

Preventive Pre-Harvest Treatment for Post-Harvest Diseases

[Alternative Brand Name(s): NOLI]

ACTIVE INGREDIENT:

Metschnikowia fructicola strain NRRL Y-27328* 58.5%

OTHER INGREDIENTS: 41.5%

TOTAL: 100.0%

*Contains a minimum of 7 x 10⁹ cfu/gram of product

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**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. 89635-4U

EPA Est. No. 63119-NLD-1

Net Weight:

Lot Number:

Date of Manufacture:

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

Koppert Product Number XXXX

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KM1110 WDG; EPA Reg. No.: 89635-4
MASTER LABEL – Version 2 – dated March 20, 2022 August 1, 2018

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

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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>

[MASTER LABEL] [Note to Reviewer: [bracketed text] is optional or alternate wording]

Crop	Disease Controlled	Application Rate and Frequency	Spray Volume	Application Timing
Low growing berry subgroup (Crop Subgroup 13-07G) Bearberry; bilberry; lowbush blueberry; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry (field production); and cultivars, varieties, and/or hybrids of these	<i>Botrytis cinerea</i>	32 oz KM1110 WDG / acre Apply every 7 days Up to 6 applications/season	50 – 150 gal mixture/acre	From initial bloom to fruit harvest
Strawberry (greenhouse production)	<i>Botrytis cinerea</i>	0.75 oz KM1110 WDG / 1,000 ft ² Apply every 7 days Up to 6 applications/season	1.2 – 3.5 gal mixture / 1,000 ft ²	From initial bloom to fruit harvest

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.

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KM1110 WDG; EPA Reg. No.: 89635-4
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