FOR ORGANIC PRODUCTION

Active Ingredient: Paecilomyces lilacinus strain 251* ...................................................6.0%
Other Ingredients: ...........................................................................................................94.0%
Total: ............................................................................................................................100.0%
*Contains a minimum of 1 X 10^10 viable spores/gram

KEEP OUT OF REACH OF CHILDREN

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Read the entire label before using. 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 the 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 or soil injected, 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 anything that has been treated, such as plants, soil, or water) is:

- Shoes plus socks
- Waterproof gloves
- Coveralls

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 the product that are covered by the Worker Protection Standard.

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- Shoes plus socks
- Waterproof gloves
- Coveralls

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 (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 treated areas until sprays have dried.

For control of plant-parasitic nematodes in the soil.
PRODUCT INFORMATION:
MeloCon® is a water dispersible granule formulation containing spores of a soil fungus that parasitizes many species of plant-parasitic nematodes. MeloCon® WG is intended for use as part of an Integrated Pest Management (IPM) system. When used as part of a complete pest management program, MeloCon® WG reduces crop damage by plant-parasitic nematodes.

FOR CONTROL OF CROP DAMAGE CAUSED BY THE FOLLOWING PESTS:

- Apanteles gifuensis (an Ichneumonid wasp)
- Aphelenchoides absconditus (an Endoparasitic nematode)
- Heterodera variegata (a Root-knot nematode)
- Pratylenchus penetrans (a Root-knot nematode)
- Root-knot nematodes (Pratylenchus species)
- Meloidogyne species
- Meloidogyne fallax (a Root-knot nematode)
- Meloidogyne arenaria (a Root-knot nematode)
- Meloidogyne hapla (a Root-knot nematode)
- Meloidogyne incognita (a Root-knot nematode)
- Meloidogyne的良好a (a Root-knot nematode)
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**INSTRUCTIONS FOR MELOC® WG APPLICATION THROUGH IRRIGATION SYSTEMS**

**Application through Drip (Trickles) or Sprinkler Irrigation:**

Apply Melec® WG only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or handmove, and drip (trickles), including micro-irrigation, systems and either before planting or to the planted crop/rows at the appropriate rates indicated in the previous table. If applied in this manner, irrigate with enough water to saturate the soil to the depth of the root zone. Additional of an approved soil wetting agent at the manufacturer’s specified mix rate may enhance penetration of spores to the rooting zone. For information on which adjuvants and pesticides can be mixed with Melec® WG without harming the beneficial fungi it contains, contact your Technical Sales Representative or the Manufacturer.

Do not apply Melec® WG through any irrigation systems other than those specified above.

Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

If you have questions about calibration of your irrigation system, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the pesticide application 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.

**Pesticide Application Using Public Water Systems:**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

2. Pesticide application systems connected to public water systems must contain a functional, reduced-pressure zone back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

4. The pesticide 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.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

6. 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 pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

8. Apply the entire treatment during the first 1/3 of the total irrigation.

9. Mix MeloCon® WG in the supply tank to a concentration appropriate to cover the area to be treated.

10. Agitation is required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. Apply all MeloCon® WG within 24 hours after mixing with water.

Pesticide Application Using Drip (Trickle) Irrigation:

1. 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 back flow.

2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

3. The pesticide injection pipeline must also 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.

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

5. 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 pesticide distribution is adversely affected.

6. 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 pesticides and capable of being fitted with a system interlock.

7. Apply only when the irrigation is soil directed, the heights of the nozzles are below the area to be treated.

8. Apply the entire treatment during the first 1/3 of the total irrigation.

9. Mix MeloCon® WG in the supply tank to a concentration appropriate to cover the area to be treated.

10. Agitation is required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. Apply all MeloCon® WG within 24 hours after mixing with water.

Pesticide Application Using Sprinkler Irrigation:

1. 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 back flow.

2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

3. The pesticide injection pipeline must also 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.

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

5. 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 pesticide distribution is adversely affected.

6. 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 pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

8. Apply the entire treatment during the first 1/3 of the total irrigation.

9. Mix MeloCon® WG in the supply tank to a concentration appropriate to cover the area to be treated.

10. Agitation is required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. Apply all MeloCon® WG within 24 hours after mixing with water.

Pesticide Application Using Micro-irrigation:

1. 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 back flow.

2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

3. The pesticide injection pipeline must also 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.

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

5. 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 pesticide distribution is adversely affected.

6. 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 pesticides and capable of being fitted with a system interlock.

7. Apply only when the irrigation is soil directed, the heights of the nozzles are below the canopy and irrigation water does not come into contact with aboveground harvestable food commodities.

8. Apply the entire treatment during the first 1/3 of the total irrigation.

9. Mix MeloCon® WG in the supply tank to a concentration appropriate to cover the area to be treated.

10. Agitation is required for mixing and maintaining the suspension of the spores of the active agent in the injection solution. Apply all MeloCon® WG within 24 hours after mixing with water.

Manufactured by PROPHYTA Biologischer Pflanzenschutz GmbH, Inselsstraße 12, D-23999 Malchow/Poritz, GERMANY

WARRANTY - PROPHYTA Biologischer Pflanzenschutz GmbH warrants that this product conforms to the description on this label and is reasonably fit for the purposes set forth on this label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry place (at 35-40°F or below), out of direct sunlight, and away from heat sources for up to 6 months. Product is stable for up to 12 months when stored frozen. Keep from overheating.

PESTICIDE DISPOSAL

To avoid 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 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 into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local governments or by industry).