

# MeloCon® WG

BIOLOGICAL NEMATOCIDE

MeloCon® WG IS FORMULATED WITH SPORES FROM A NATURALLY OCCURRING SOIL FUNGUS THAT PARASITIZES A WIDE VARIETY OF PLANT-PARASITIC NEMATODES.

MeloCon protects yields in fruit, vegetable, vine, tuber, row and ornamental crops by preventing or reducing root damage by plant parasitic nematodes.



## PRODUCT HIGHLIGHTS

Features a naturally occurring fungus, *Paecilomyces lilacinus* strain 251, that is a highly effective parasite of all stages of nematodes.

Broad activity against many important nematode pests, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes.

Not harmful to non-target or beneficial species, soil profile, or the environment.

Highly effective on all stages of development of common plant-infecting nematodes, especially immobile stages such as eggs, cysts, and infectious juveniles.

An excellent IPM tool that can be used pre-plant, transplanting, or post planting when used in accordance with the label.

OMRI Listed®, NOP-compliant and can be used in organic agricultural production. 4 hour REI and 0 day PHI.



Always carefully read and follow label instructions.



1.800.250.5024

www.CertisBio.com

## HOW IT WORKS

The active ingredient of MeloCon® WG is the spore of a naturally occurring fungus, *Paecilomyces lilacinus* strain 251, that is a highly effective parasite of all stages of development of common plant-parasitic nematodes. Eggs and juveniles are particularly susceptible.

Once MeloCon is applied to the soil, spores of the fungus adhere to the bodies of nematodes as they move through the soil. The spores germinate and penetrate the nematodes, killing them by feeding on the nematodes' body contents.

Each gram of MeloCon WG contains at least 10 billion spores of the PL251 fungus formulated on a water-soluble carrier for easy mixing and application. The growing fungus engulfs and penetrates the nematode over a period of several days, killing it by consuming its body contents.

## HOW TO APPLY

MeloCon WG is mixed with water and applied to nematode infested soil either as a soil drench, in-furrow, in transplant water or banded applications, or through a drip (trickle) or sprinkler (microjet) irrigation systems.

## TANK MIXING AND BEST PRACTICES

- Application efficiency may be enhanced by inclusion of a soil wetting agent to help the spores penetrate soil into the root zone.
- Do NOT mix MeloCon WG with chlorothalonil, mancozeb, triazole or strobilurin fungicides.
- Do not mix with strong acids, bases or other caustic materials. Maintain a neutral or slightly acidic pH (6-7) in the spray tank.
- Mix MeloCon WG only with products for which such mixing is permitted by the label for that product.
- Up to 14 days before planting for non-fumigated soil and follow up with an application at planting.
- If the soil has been fumigated make the first application just before or at planting.
- Apply sufficient water during or immediately after applications to thoroughly wet the soil into the root zone.
- Recommend an application at end of season to reduce inoculum, especially if double cropping.
- For information on which adjuvants and pesticides can be mixed with MeloCon WG without harming the beneficial fungus it contains, contact your Technical Sales Representative or the Manufacturer.
- For preparation of a tank mix, add the other products first. If the other products are likely to cause foaming, however, add them after filling up the tank to the desired volume of water. Then add MeloCon WG.

## TIMING

Vegetables, Strawberries and Ornamental Plants: MeloCon® WG can be applied up to and including the day of harvest and can be used on both conventional and organic crops. Treat prior to transplanting.

Recommend 1-3 applications based on nematode pressure starting before and at planting and follow-up with an in-season applications 4-6 weeks after planting.

Soil Treatment: Treat the soil anywhere from 0-14 days before intended transplant date (just the holes where the plants will be placed). If soils have been fumigated less than 2 weeks before, use MeloCon WG only at transplanting and follow up with soil treatment 6 weeks later.

Citrus, Tree Nuts, Peaches and Grapevines: Repeat application every four months.

## RATE

2-4lbs/acre for most crops and applications (see label for crop specific rate information.)

## PHI/REI

4 hr REI; 0 day PHI

## STORAGE

MeloCon WG is stored frozen by Certis USA and at distributor locations in order to ensure high spore viability and optimal infectivity to target nematode species upon application in the field. If necessary, MeloCon WG can be refrigerated (40°F or below) for up to 6 months or stored frozen for up to 12 months.



## ACTIVE INGREDIENT

*Paecilomyces lilacinus*  
strain 251 (6%)

## PESTS CONTROLLED

Burrowing nematode  
(*Radopholus similis*)

Citrus Nematode  
(*Tylenchulus semipenetrans*)

Cyst nematode  
(*Heterodera* spp. and  
*Globodera* spp.)

False root-knot nematode  
(*Nacobbus* spp.)

Lance Nematode  
(*Hoplolaimus galeatus*)

Reniform nematode  
(*Rotylenchulus reniformis*)

Root lesion nematode  
(*Pratylenchus* spp.)

Root-knot nematode  
(*Meloidogyne* spp.)

Stubby Nematode  
(*Trichodorus obtusus cobb*)

Spiral nematode  
(*Helicotylenchus* spp.)

Sting nematode  
(*Belonolaimus* spp.)

## MAIN CROPS

Apples	Ornamentals
Carrots	Peaches
Citrus	Strawberries
Grapevines	Vegetables
Nuts	

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