

MeloCon[®] LC

BIOLOGICAL NEMATOCIDE

Nature's defense against yield-robbing nematodes – MeloCon[®] LC, now in a liquid formulation for improved application convenience and flexibility.

MeloCon protects specialty fruit and vegetable crops against nematodes at all life stages, promoting healthier roots and increasing yield.



PRODUCT HIGHLIGHTS

Features a beneficial, naturally occurring fungus, *Purpureocillium lilacinum* (synonym *Paecilomyces lilacinus*) strain 251, a highly effective parasite that controls all stages of common plant-infecting nematodes, especially immobile stages such as eggs, cysts, and infectious juveniles.

Broad activity against many important nematode pests, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes known to impact root health and crop yield.

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

An excellent IPM tool to reduce nematode populations at the beginning, middle, and end of harvest when numbers peak and to improve overall root health.

Ideal for nematode control post-fumigation at the end of the season to reduce infestation levels.

Excellent fit for pest-management in long-season crops, and double-crop systems.



Always carefully read and follow label instructions
California and Puerto Rico registration pending, connect with your local rep for updates.



1.800.250.5024

www.CertisBio.com

HOW IT WORKS

The active ingredient of MeloCon® LC is the spore of a beneficial, naturally occurring fungus, *Purpureocillium lilacinum* (synonym *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 LC 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.

HOW TO APPLY

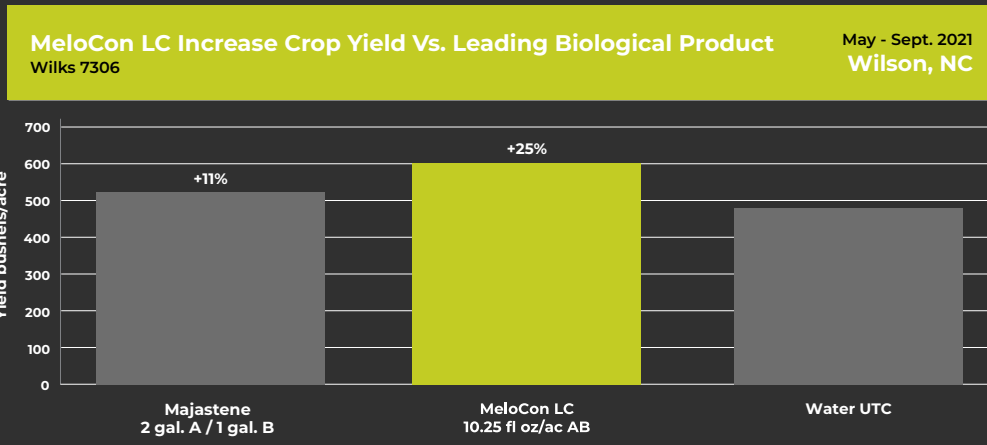
MeloCon LC is mixed with water and applied to nematode infested soil either as a soil drench, in-furrow, in transplant water or banded applications, or through a drip (trickle) or sprinkler (microjet) irrigation systems.

Do not tank-mix with pesticides, strong acids, bases or adjuvants that can reduce the viability of spores. Consult your technical sales representative for information on suitable tank mix partners.

STORAGE & RATE

MeloCon LC is labeled as a single rate of 10.25 fl oz/acre with no restriction on number of applications per season. The product is best stored at or below 68 F to provide two year shelf life.

NC SWEET POTATO TRIAL FOR NEMATODE CONTROL



With the treatment rate of 10.25 fl oz/ac at planting and at layby in this trial, MeloCon LC significantly outperformed untreated plants as well as plants treated by a leading biological nematicide competitor. Trial data proves the negative effects of nematodes on whole crop yield, and crops treated with MeloCon LC lead to improved root health for greater crop yield.

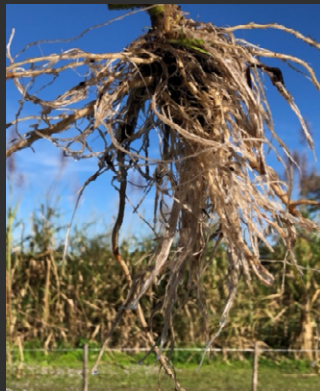
APPLICATION TIMING

A = Transplant water 225 gal/ac
B = layby 18 gpa

MELOCON LEADS TO IMPROVED ROOT HEALTH



Untreated roots



Treated roots with MeloCon

- Location: Jupiter, FL
- Glades Crop Care private contractor trial
- Tomato root health and vigor at mid-season is improved from two applications of MeloCon



ACTIVE INGREDIENT

Purpureocillium lilacinum (synonym *Paecilomyces lilacinus*) strain 251 (20%)

NEMATODE TARGETS

see label for a complete list of crops

Burrowing nematode
(*Radopholus similis*)

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

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

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.)

COMMON CROPS

see label for a complete list of crops

Citrus	Strawberries
Grape	Tree Fruit
Ornamentals	Tree Nuts
Peach	Vegetables
Root & Tuber Vegetables	

CERTIS
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Always read and follow all label directions when using as product alone or in tank-mix combinations. MeloCon LC is not registered for sale in all states.

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