

MeloCon®

BIOLOGICAL NEMATOCIDE

NATURE'S DEFENSE AGAINST YIELD- ROBBING NEMATODES

Featuring a beneficial natural fungal parasite of plant parasitic nematodes, MeloCon defends against them, capable of infecting all life stages with no effect on non-target beneficials.



CERTIS
Biologicals

Nematodes could strike at any moment, lingering unseen until it's too late.

- Above-ground symptoms of nematode infestations are similar to many other plant diseases or environmental factors because they limit water and nutrient uptake.
- Below the surface, nematodes cause weak roots and root damage, thus impacting yield and overall crop health.

IMPROVED ROOT HEALTH FOR HEALTHIER CROPS

What is MeloCon?

MeloCon® features a beneficial, natural fungal parasite of plant parasitic nematodes (*Purpureocillium lilacinum*, or *Paecilomyces lilacinus* strain 251, 20%) that is effective at any life stage, especially immobile stages such as eggs, cysts, and also on infectious juveniles to improve root health and crop yield. It features broad activity against many nematode pests with no effect on non-target or beneficial species, the soil profile, or the environment.

FOR MORE
INFORMATION ON
MELOCON OR TO
GET IN TOUCH WITH
A REPRESENTATIVE,
VISIT:

[CertisBio.com](https://www.CertisBio.com)



Roots of broccoli treated with MeloCon LC in trial in North Carolina, November 2021

Give Roots the Treatment They Deserve

MeloCon LC is more than a nematicide: it provides long-term crop, root and soil health benefits. While it offers broad activity against many important nematode pests (root knot, burrowing, cyst, root lesion, false root knot and sting), it also protects roots to improve yield and overall plant health. For efficiency and convenience, the liquid concentrate formulation provides improved application flexibility to protect specialty fruit and vegetable crops against nematodes at all life stages, giving you more options and peace of mind throughout the growing season.

It is ideal for nematode control as part of an IPM before planting, at transplanting, and in season to reduce infestation levels and increase soil nematode suppressiveness. The control post-fumigation at end of the season to reduce infestation levels is ideal in vegetable double-cropping systems and timing with root flushes ideal for perennial crops.

FLEXIBILITY & CONVENIENCE FOR EVERY STAGE OF GROWTH

Tomato Roots (Untreated vs MeloCon LC)



Tomato roots untreated vs. treated with Melocon at 10.25 fl oz/ac rate at planting via drench and 3 weeks later via drip.

BE PREPARED FOR WHEN NEMATODES STRIKE TO FIGHT UNDETECTED PESTS AT ANY STAGE OF GROWTH. OUR NEW LIQUID FORMULATION WAS CREATED FOR GROWER CONVENIENCE AND FLEXIBLE APPLICATION.

LIQUID CONCENTRATE & ADDITIONAL APPLICATIONS

- Improved liquid formulation: Mix with water and apply to nematode-infested soil either as a soil drench, or through drip (trickle) or sprinkler (microjet) irrigation systems
- Storage conditions: The product is best stored at or below 68° F (20°C) to provide a 2-year shelf life
- Application rate: MeloCon LC is labeled as a single rate of 10.25 fl oz/acre
- Before planning to planting, and in crop season, with no restrictions on the number of applications per year

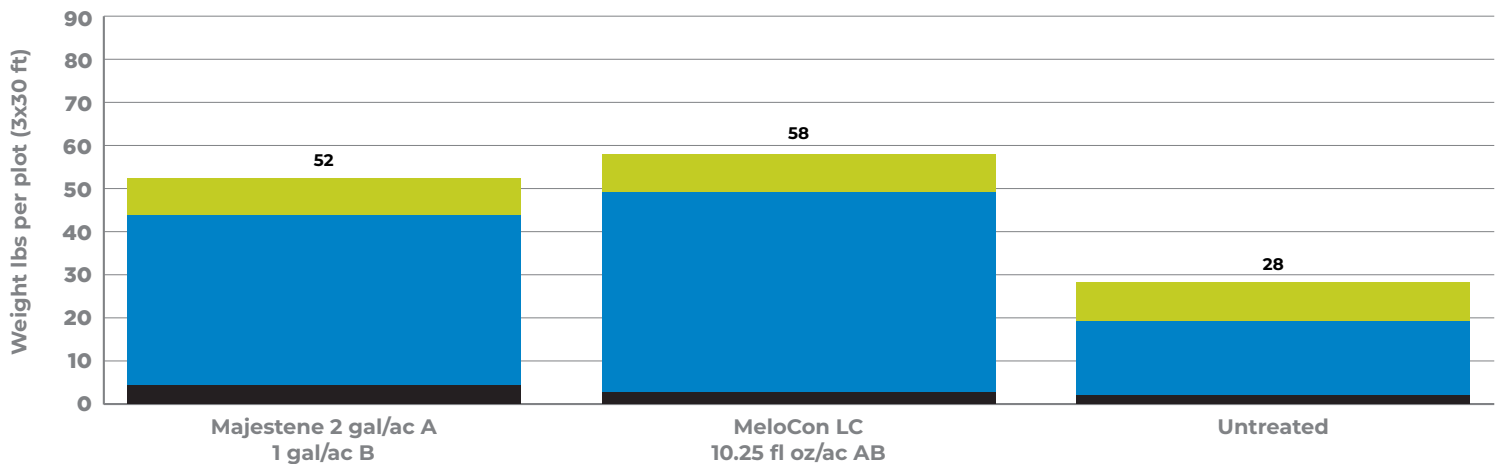
ACCESS FUMIGANT/ SYNTHETIC ACRES

- Conventional growers can use MeloCon LC for effective, beneficial natural nematode control in conjunction with synthetics in an IPM, and in more restricted areas where fumigation is limited.
- Use in areas with fumigant restrictions such as buffer zones, long season crops (end of season to reduce infestation levels), double cropping systems (where fumigation use is restricted in second crop), and permanent crops (in late fall to reduce the nematode population for spring planting and to protect new root flush, as well as prior to nematodes retreating to deeper soil in winter).

MELOCON[®]: PROVEN EFFECTIVE IN TRIALS

Improved Yield in Sweet Potato Crop
October 2021, 7282

Elm City, NC



Trial data on Sweet Potato variety Beauregard shows the effects of nematodes on whole crop yield in lbs per plot (size 3x30 ft).

APPLICATION TIMINGS

A = July 07, 2021
B = August 05, 2021

- CANNERS
- ONES
- JUMBO

Tomato Roots (Untreated vs MeloCon LC)



CROP	CONDUCTED BY	LOCATION	APPLICATION	PHOTOS TAKEN
Tomatoes	Glades Crop Care	Jupiter, FL	Treated on Nov. 1 st , 2021 at planting drenched in hole and on Nov. 24 th , 2021 via drip at 10.25 fl oz/ac	February 22 nd , 2022