



Sound Horticulture

Applying Sierra Biological Nematodes

General Information:

Sponges should arrive cooled. Refrigerate until use.

General greenhouse rate is 1 mil per 1000 sf.

Nematodes are available in a variety of sizes (1 mil, 6 mil, 24 mil, 48 mil).

Try to order only what you can use in 1-3 weeks time for best results.

You can cut the sponges in pieces, but you will want to make sure that the white colored solution is evenly distributed before doing so. Those are the areas where the bulk of the nematodes were harvested into the sponge.

This is a very live, fresh product and may smell a little like the dead wax worms that the nematodes were reared on, which is not an issue.

How to apply:

High volume, low-pressure sprayers work best. Simple backpack sprayers are not preferred. You can use a watering can, injector, or conventional spray equipment. Remember that water is your CARRIER and vehicle to get the nematodes to where ***you want them to be!***

Dipping plug trays into solution also is okay. Boom irrigation and watering tunnels can also be made to work, as long as they **do not exceed 200 psi.**

Remove all intake injectors and openings smaller than **.5 mm and all filters less than 50 mesh or finer.**

Do not mix nematodes in a concentrated tank of feed solution. Nematodes can, however, be mixed in a reservoir with a fertilizer solution.

Volume of water used depends on how large your container size is and where the target pest is dwelling in the substrate. Using room temperature water (65-75 degrees F) is best

Keep the stock nematode tank stirred and/or aerated. If you cannot aerate the reservoir of solution, periodically stop and stir the solution so that the nematodes remain suspended in solution.