

TERRANEM

The key to healthy grass



The latest addition to Koppert's product line is **TERRANEM**, consisting of the insect-parasitic nematode *Heterorhabditis bacteriophora*.

This nematode can biologically control the larvae of many species of beetles (white grubs), and is especially effective against the larvae of the Japanese beetle (*Popillia japonica* Newman). Japanese beetle larvae can cause extensive damage to grass by eating the root hairs of the plants, making it more difficult to absorb water and nutrients. Other animals such as moles, birds, skunks and badgers can compound the problem by leaving trails of destruction while searching the soil for white grubs.

TERRANEM can help you put a stop to this!



How does TERRANEM work?

The nematode *Heterorhabditis bacteriophora* actively searches for beetle larvae throughout the soil. Once a nematode has found and penetrated a larva, it begins its destructive work. In order to convert the larva into food, the nematode excretes bacteria from its intestinal tract. These bacteria spread throughout the larva, multiplying rapidly while eating the host tissue and converting it into a form easily taken up by the nematodes. The infected larva dies within a few days and its color changes to orange-red or red-brown while the nematodes continue to multiply and develop. Eventually, they leave the dead insect and start searching for new larvae to prey on. Essentially, **TERRANEM** turns infected larvae into nematode factories causing a chain reaction.

Why choose TERRANEM?

TERRANEM is an effective alternative to chemicals. It is harmless to humans, animals and plants. Extensive research into the effects of **TERRANEM** has shown that the product can achieve a controlling result of 80 to 90 percent.

Your turf will thrive with TERRANEM!

Koppert Biological Systems

Koppert is the worldwide market leader in the field of biological control. We are engaged in the production and sale of natural enemies for the purpose of minimizing the introduction of chemicals into the environment. Koppert is headquartered in the Netherlands and has offices in various countries throughout the world, including Spain, France, Italy, United Kingdom, Canada and the United States.

More information

Would you like to know more about **TERRANEM** or Koppert?

Please visit our website at "www.koppert.com" or contact us directly.

We will be happy to answer your questions.



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