**General remarks**
The garden chafer can be controlled in the larval stage with the insect-parasitic nematode, *Heterorhabditis bacteriophora*, before the larvae wander off into deeper soil layers.

The ca. 0.7 mm long nematodes penetrate into their host and set bacteria free that kill off the insect larva. Infested grubs turn a reddish-brown. They start to die after 1 – 2 weeks. The nematodes are completely harmless for humans, for other warm-blooded animals and for the environment.

**Application**
- Treatment should be carried out between mid July and end of September.
- Control ground temperature: The nematode (*H. bacteriophora*) is active at a ground temperature of 12 to 25 °C.
- Nematodes live in the soil. They are very sensitive to direct sunlight. Quick desiccation (solar radiation/heat) kills the nematodes. The nematodes should therefore only be applied when the sky is cloudy or in the evening.
- Use ample water when applying nematodes.
- Nematode locomotion is only possible in sufficiently humid soil: after the treatment, water with 2 – 5 l/ m² to ensure that the nematodes can penetrate the grass surface without drying out. Keep the soil moist for 2 to 3 weeks.

**Dosage for ornamental and sports lawns:**
0.5 mio. nematodes/ m² (1 – 2 l water/ m²)

**Applying with sprayer**
- Rinse nozzle thoroughly before applying nematodes to ensure that all remains from previous pesticide treatments have been removed.
- Pour contents of required number of sachets into ca. 10 l of water, carefully rinsing out the bags.
- Partially fill tank with water, start mixer and dissolve nematode solution in tank.
- As the nematodes quickly sink to the bottom of the solution, keep the agitator running while spraying.

**Important**
- To prevent nematode damage or clogging, remove all filters and sieves.
- The aperture of the nozzle should have a diameter of at least 0.5 mm. Flat spray or hollow cone nozzles are ideal.
- Spray with a pressure of 2 – 5 bar.
- Protect nematodes against temperatures below 0 °C and above 30 °C.
- Addition of a surfactant helps nematode penetration into the ground.

**Applying with drip irrigation**
Pour contents of nematode sachet into ca. 10 l of water and mix well. Then dissolve in the amount of water required.
The pressure should be a max. of 5 bar. It might be necessary to increase the amount used (1.5 x), as the nematodes tend to sink to the bottom. The actual amount of nematodes applied depends on the type (T-tape recommended) and condition (calcination!) of the system used.

■ Precaution
Keep away from children. Wash face and hands after handling.

■ Storage
At 2 - 6 °C according to expiration date. Do not store at room temperature.

■ Liability
Andermatt Biocontrol AG will disclaim all liability whatsoever for damage to crops resulting from disregard of the directions for use.

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