

***Steinernema feltiae* - gel formulation**

The product contains 50 or 250 million infective juveniles of the insect pathogenic nematode *Steinernema feltiae*.

Mixing instruction

The best way to dissolve the gel is to use 10 liters of water per 50 million unit, stir vigorously and then wait for 3 minutes. Gently decant the supernatant for usage and add another 10 liters. Only few nematodes will remain in the gel at the bottom.

Dissolve the 250 million unit in 10-20 liters of water, stir vigorously and then wait for 3 minutes. Decant the supernatant for usage and add another 10-20 liters. Repeat the process once or twice.

Application conditions

Soil or air temperature should be 8 to 28°C. At higher temperatures, nematode efficacy decreases. Nematodes are very sensible to sunlight and desiccation and should only be applied in the early morning or evening. Plants should stay moist for 2-3 hours after application.

Application directions and rates

Steinernema feltiae should be applied weekly as a routine application, since nematodes attack only the stages present at the time of application. The recommended application rate is 250,000 nematodes per m² or one million per liter of spraying suspension. Spray with 1,000 – 2,000 liters per hectare until just before run off.

Storage and handling

Entomopathogenic nematodes should be used as soon as possible upon delivery. Store at 4 to 8°C (see expiry date on package). They should never be frozen or exposed to more than 30°C. Remove all sieves in the tubing and at the nozzles. Use nozzles with at least 0.5 mm diameter. Do not exceed pump pressure of 5 bar. Mix the solution thoroughly and maintain agitation during spraying to avoid sedimentation of the nematodes!

Compatibility

IPM compatible insecticides have no effect on nematodes and can be used in rotation programs and as a tank mix partner.

Safety

The active ingredient and the formulation material are safe to users, consumers and the environment. There are no restrictions nor safety instructions for its usage.