Koppert

Entonem

Reliable biological control when temperatures drop



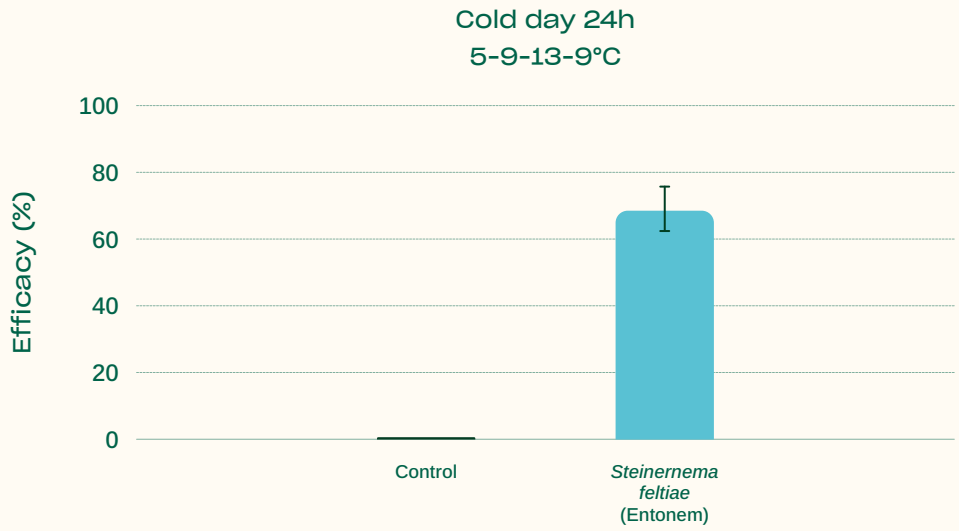
Biocontrol
is our nature

Cold tolerant beneficial nematodes for early and late season control

Biocontrol does not stop when temperatures fall. Early spring and autumn are critical periods for the control of certain pests in protected and field crops. During these colder phases of the season, pest pressure can be significant, but many solutions show reduced activity due to low temperatures.

Growers need solutions that remain effective even under fluctuating conditions, without compromising sustainability, safety, or integration into IPM programs. This is where cold tolerance becomes a decisive performance factor.

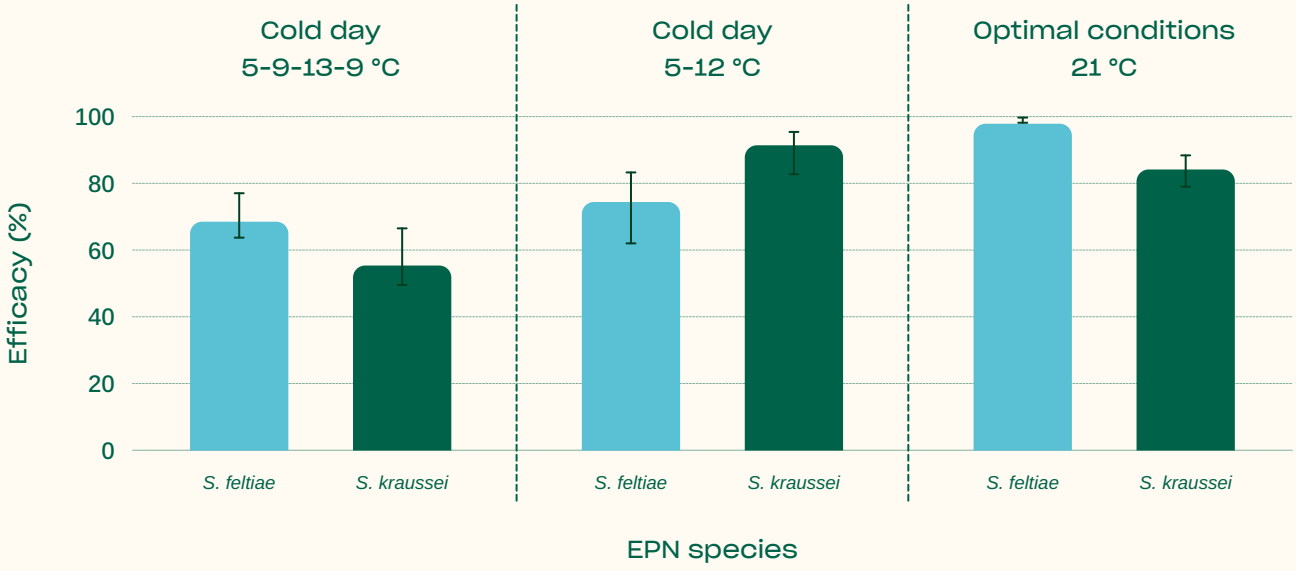
Entonem, based on *Steinernema feltiae*, is a beneficial nematode product from Koppert and a solution recognised for its ability to perform at low temperatures. Extensive research trials, including laboratory and field studies, have demonstrated that *Steinernema feltiae* remains active and effective under day and night conditions fluctuating daily from 5°C to 13°C (mimicking average spring time conditions in north west Europe). Even under such cold regimes, **Entonem** delivers consistent control of soil pests, making it a strong biological option when other solutions slow down.



Steinernema feltiae (**Entonem**) shows high efficacy against black vine weevil under cold and fluctuating temperature conditions.

Cold tolerance matters because it enables earlier applications in spring and extends the use of biological control into autumn, allowing growers to act when pest pressure is already present. It supports effective control at times when pest development continues but the performance of many solutions often slows down due to low temperatures. By remaining active under cold conditions, cold-tolerant biologicals help reduce reliance on chemical interventions during these periods, supporting more resilient and sustainable crop protection strategies.

Entonem, based on *Steinernema feltiae*, showed performance comparable to *Steinernema kraussei*, another cold tolerant nematode species available on the market.



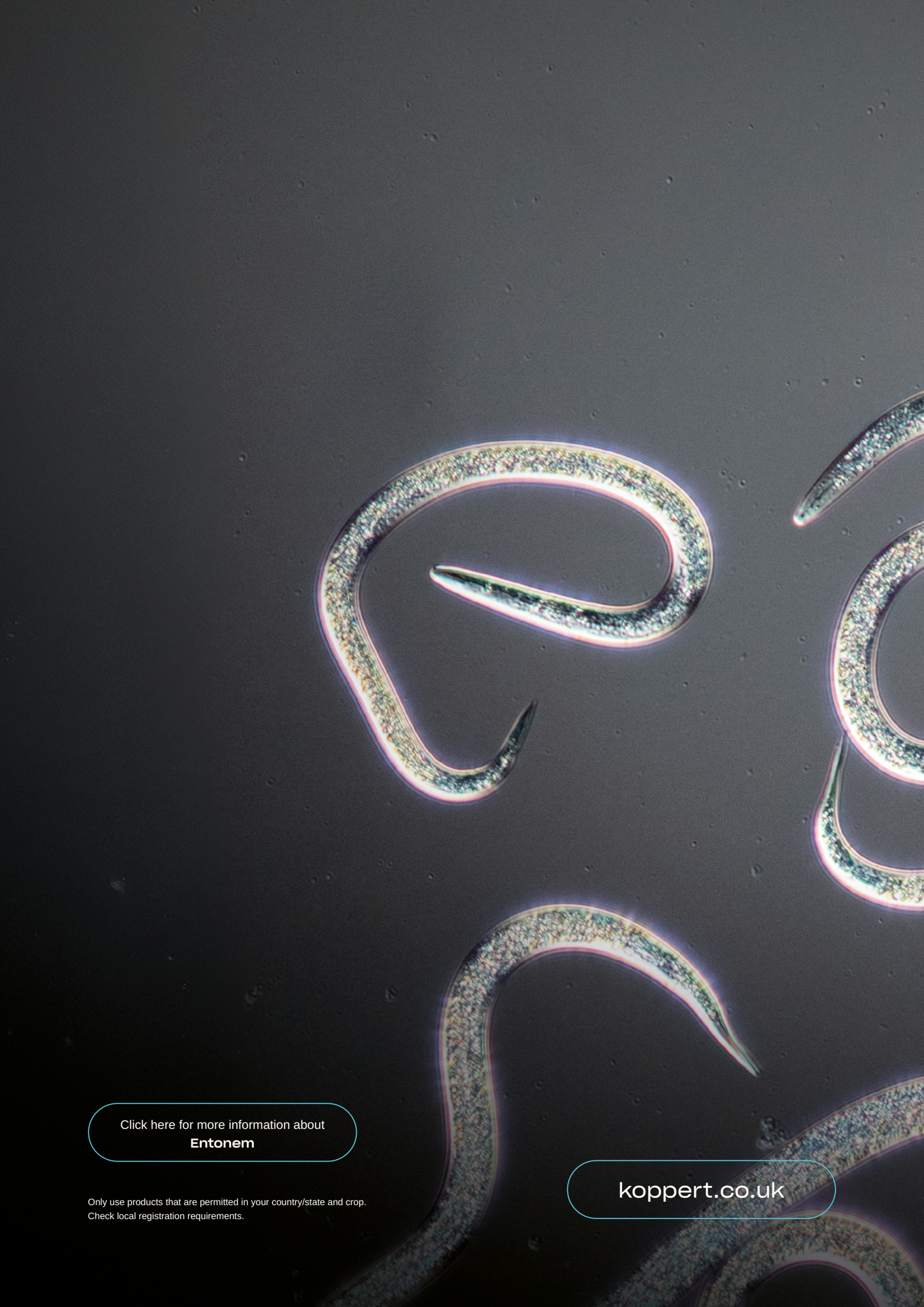
Efficacy of *Steinernema feltiae* compared with *Steinernema kraussei* under cold and fluctuating temperature conditions (insect model: *Tenebrio molitor*).

Beyond its biological performance, Entonem is designed to fit seamlessly into practical Integrated Pest Management (IPM) programs.

It is suitable for use in protected crops as well as urban green areas and can be applied using standard spraying equipment. **Entonem** is compatible with a wide range of crop protection products, allowing flexible tank-mix strategies. Its highly soluble formulation and long shelf-life further supports ease of use and operational reliability in the field.

Entonem reflects Koppert's commitment to delivering biological solutions that address real field challenges. Its proven efficacy under cold conditions, combined with practical usability and compatibility within IPM programs, makes it a valuable tool for growers seeking reliable biocontrol beyond optimal temperature windows and throughout an extended growing season.





Click here for more information about **Entonem**

koppert.co.uk

Only use products that are permitted in your country/state and crop.
Check local registration requirements.