

# Nemasys<sup>®</sup> J

Advanced biological control  
for leatherjackets in turf.

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## Features

- Effective biological control for leatherjackets
- Persists in the soil for approximately 4-6 weeks
- Natural product that is safe to users and lawns
- Presents no risk of pest resistance
- Can be used as part of an Integrated Pest Management (IPM) programme
- Available in packs of 50 and 250 million nematodes
- Easy to apply as a drench, through conventional spray equipment or irrigation systems
- No restrictions in use and no re-entry interval
- No concerns for residue run-off
- Compatible with many soil-applied pesticides
- Best service, product support and assurance from the market leader in terms of utilisation, application and timing

## How Nemasys® J works

Each Nemasys® J pack contains infective juveniles of the species *Steinernema feltiae* in a water dispersible gel carrier. When mixed with water, the nematodes readily form a suspension that is easily applied to the soil.

*Steinernema feltiae* is a natural soil dwelling nematode that infects susceptible leatherjackets that are feeding close to the soil surface by detecting cues such as carbon dioxide.

Once found, the nematodes then enter the leatherjackets through natural openings (mouth, spiracles, anus) or the skin. Once inside, the nematodes reproduce and release bacteria, causing the death of the larvae.

Larvae stop feeding within three days of infection and are killed 2-4 weeks later. Thousands of new nematodes are produced when resources become limited inside the cadaver and disperse in search of new leatherjackets.



Scan the QR code to find out more

Nemasys® J is a registered trademark of BASF. Nemasys® J contains the beneficial nematode *Steinernema feltiae*. Always read the label and product information before use. For further product information including warning phrases and symbols, you can refer to <https://www.agricentre.basf.co.uk/en/Products/Product-Search/Biological/Nemasys-J.html>



## Application

- Should be applied two weeks after a peak of crane flies to target young leatherjackets feeding close to the soil surface. Adult emergence normally occurs in August/September (main peak) or April/May
- Consider scarification in lawns with excessive layer of thatch
- Cut the grass short before treatment
- Soil should be between 10°C and 30°C during application and for at least two weeks after
- Avoid application in direct sunlight; make applications in the evenings or in dull conditions
- Ensure soil is moist prior to application and for at least two weeks after
- Water the treated area thoroughly and immediately after application with no less than 3 litres per m<sup>2</sup>
- The use of a wetting agent helps the penetration of nematodes into the soil
- Two applications 2-4 weeks apart, would help achieve higher levels of control

Further information from:

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