

Instructions for use:

NemaTrident[®] F and NemaSpreader[®]

STORE IN THE DARK AT 4-7°C

DO NOT FREEZE



syngenta[®]

NemaTrident F contains a naturally occurring beneficial entomopathogenic nematode, *Steinernema feltiae* formulated in a wettable powder, enclosed in a non-water-soluble pack. For use on sports and amenity turf and lawncare.. Pack sizes of 250 million (0.25 billion) or 500 million (0.5 billion) NemaTrident F are available.

Pests controlled with NemaTrident F:



Leatherjackets
(*Tipula spp*)

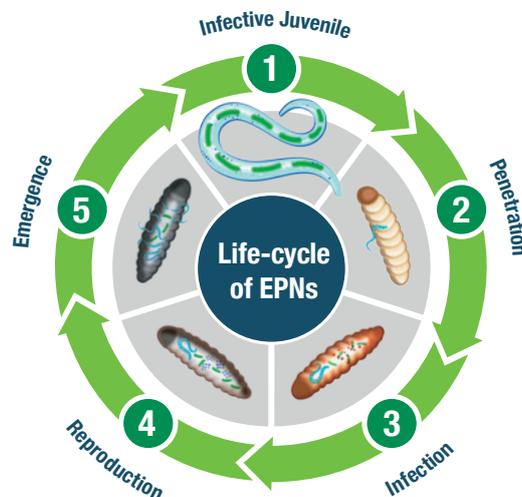
NemaTrident F provides highly effective control of larvae when they come into direct contact with the target pest. Small leatherjacket larvae (early stages) are most susceptible.

To enhance the movement of NemaTrident F and the targeting of larvae at application, it is recommended to always use it in conjunction with NemaSpreader.

The unique safe and sustainable dual component system ensures maximum dispersal of infective juvenile nematodes within the soil which then go in search of larvae to penetrate and kill.

How NemaTrident F works

- 1 NemaTrident F nematodes actively search for larvae in the soil when soil temperatures are above 8°C
- 2 NemaTrident F nematodes penetrate the larvae and release a bacteria that kills the larvae
- 3-5 The infected larvae die and a new generation of infective juvenile nematodes develop inside



NemaSpreader is a biocompatible blend of spreading agents designed to enhance the effective distribution and survival of beneficial nematodes.

NemaSpreader is safe to turf, ornamental crops and to beneficial nematodes. The use of NemaSpreader significantly increases nematode efficacy.

Getting the best results

- NemaTrident F should be applied to moist soil
- Apply in 500-1000 litres of water per hectare
- Clean spray equipment and spray tank before use
- Remove all in line filters, nozzle filters and sieves which could block nematodes
- Use nozzles with at least 0.8mm diameter
- Apply early morning or in the evening when light levels are low
- Always apply with NemaSpreader at a rate of 5 litres per hectare
- Irrigate NemaTrident F in immediately after application but do not saturate the soil (use 1-2 litres of water per sq m)
- Soil should be kept moist for 14 days after application



Syngenta XC 08 nozzles can be used to apply NemaTrident F. For other nozzles check the orifice is greater than 0.8mm diameter

Mixing and spraying NemaTrident F

- Take NemaTrident F out of the storage fridge 20 minutes before starting the mixing procedure
- Dissolve product in 10-20 litres of water
- Use complete pack as distribution of nematodes is not homogenous. Rinse the empty pack in the mix
- Stir for 5-10 minutes until completely dissolved
- Fill the spray tank with 3/4 of the required water volume. Add the NemaSpreader at the rate of 5 litres per hectare
- Then add the NemaTrident F solution and top-up with remaining water volume. Maintain constant gentle tank agitation
- Spray immediately. Do not store for longer than 4 hours in the spray tank



Wear suitable protective clothing, gloves and eye/face protection.

Compatibility

Do not apply in tank-mix with fertilizers. Application of fertilizers prior to or after NemaTrident F is safe. NemaTrident F is compatible with most pesticides and biostimulants, however a few do have a negative impact; check the Syngenta website or with your local advisor for detailed information.

When products are not compatible, or you are unsure then, apply the product 3 days before or 14 days after application of NemaTrident F.



Soil temperatures should be 12°C or above for 3-6 hours per day. **Download the Syngenta Turf Advisor app** to track your soil temperatures, along with other essential data to help with turf management decisions and timing.



Control of Leatherjackets (*Tipula spp.*) in turf



Directions for use

Application timing

NemaTrident F can be applied in the autumn and spring. For best results, apply in the autumn to target smaller larvae soon after egg hatch, typically 2 weeks after peak flight of target crane fly species.

Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec

Soil temperatures need to be 8°C or above for 3-6 hours per day for the nematodes in NemaTrident F to be active. Soil moisture is also required for the nematodes to move freely and for larvae to be active close to the surface.

NemaSpreader is an essential partner to maintain optimum soil conditions for NemaTrident F activity.

Apply 5 billion nematodes per ha.

NemaTrident F pack size	Area treated per pack, to deliver an equivalent of 5 billion nematodes per hectare	Number of packs to treat 1 hectare
250 million (0.25 billion)	500 m ²	20
500 million (0.5 billion)	1000 m ²	10

Integrated autumn programmes for leatherjacket control with Acelepryn®



NemaTrident F is particularly effective when used in programmes with Acelepryn. When leatherjacket populations are high, or larger larvae are present, the combination with NemaTrident F provides more consistent and reliable results.

Start the treatment programme with Acelepryn application WHEN PEAK FLIGHT of crane fly has been recorded. Historic data shows mid to end of October. Followed by NemaTrident F at a lower rate of 2.5 billion per hectare within the following 7 days.

Acelepryn is safe to NemaTrident F beneficial nematodes.

Peak flight of target adult crane fly species	Within one week of application of ACELEPRYN
 <p>Apply Acelepryn at 0.6 l/ha</p>	Irrigate to encourage grubs to the surface and maintain a moist root zone
	Apply NemaTrident F at half rate of 2.5 billion/ha
	5 x 500 million (0.5 billion) packs or 10 x 250 million (0.25 billion) packs per hectare

Storage and disposal	Precautions
<p>NemaTrident F: Store in the dark at 4-7°C. The product can be stored for at least 4 weeks; refer to the expiry date on the pack. Rinse packaging thoroughly in clean water during the mixing process. Add washings to sprayer at time of filling. Do not re-use empty packs.</p>	<p>Keep away from children. Wash hands and face after handling. Do not freeze. Wear suitable protective clothing when operating spraying equipment.</p>
<p>NemaSpreader packs: Keep in original container, tightly closed, in a safe place. Wash out container thoroughly, and dispose of safely. Do not re-use container for any other purpose.</p>	



For more information and product advice please contact Sean Loakes, email: sean.loakes@syngenta.com mobile: +44 7831 161912

Syngenta Crop Protection UK Ltd, Registered in England No. 849037. CPC4, Capital Park, Fulbourn, Cambridge CB21 5XE. E-mail: customer.services@syngenta.com Web: www.syngentaturf.co.uk
NemaTrident® and NemaSpreader® are Registered Trademarks of a Syngenta Group Company. Use plant protection products safely. Always read the label and product information before use.
For further product information including warning phrases and symbols refer to www.syngentaturf.co.uk ©Syngenta SPS September 2023. 12854. In case of transport emergencies or health concerns please call 01484 538444.

ICL Distributed by ICL Ltd. Tel: 01473 237 100
Email: prof.sales@icl-group.com Web: www.icl-growingsolutions.uk