Nematodes Direct™

Nematode Applicator

Application instructions

These instructions guide you through applying Nematodes Direct and Nemasys nematodes with the Nematodes Direct Nematode Applicator.

You will need

- **A bucket or bowl that holds 1 litre or more**
- **A funnel or jug**
- **A stirrer, stick or spoon**
- **A garden hose with a standard click-on hose connector**

Before you start

- Check the soil is at or above the **minimum soil temperature** for your pest (Fig. 1).
- Find the **stock solution per pouch** and **area per pouch** for your pest and pack size (Fig. 1).
- Use the nematodes as soon as the sachet is opened. Once mixed, use the stock solution within **4 hours**.

How to use

1. **Mix your nematodes in 1 litre of water to make a stock solution.**
   Pour 1 litre of water into the bucket or bowl, add the nematodes and stir thoroughly.
2. **Pour the required amount of stock solution into the pouch and top up with tepid water.**
   Use a funnel or jug. The amount for your pest and pack size is under **Stock solution per pouch** in Fig. 1.
3. **Screw on the spray head, shake gently to mix, and then connect your hose.**
   Attach the spray head with its tube to the pouch, shake gently to mix the stock solution and water, then click your hose on.
4. **Turn on the water and apply evenly over the area for one pouch.**
   The area each pouch covers is under **Area per pouch** in Fig. 1. Adjust the flow with the tab on the side of the spray head, follow an S-shaped path (Fig. 2), and concentrate on any obviously affected areas.
5. **Repeat steps 2–4 until all the stock solution has been applied. Water thoroughly afterwards.**

For best results

- Nematodes are sensitive to UV light, so apply in the evening, on an overcast day or during rainfall.
- Always refer to these instructions when applying.

After applying

- **Lawns:** keep the lawn moist with regular watering for up to 2 weeks.
- **Applying over plants:** re-water 30 minutes after application to wash the nematodes back into the soil.
- **Spraying onto plants or bushes:** spray the solution directly onto the pest, and keep the plants moist by re-spraying often so the nematodes do not dry out.
- **Flea Beetle and Box Tree Caterpillar** need a second treatment a week after the first application.

Fig. 1 Application rates

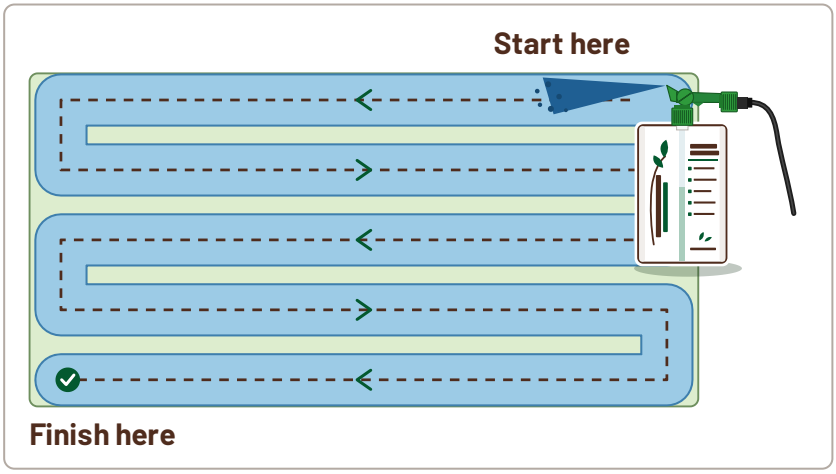
Pest type	Coverage per pack	Stock solution per pouch	Number of pouches	Area per pouch	Minimum soil temperature
Slug	40 m^2	333 ml	3	**about 13 m^2**	5°C
Slug	100 m^2	200 ml	5	**20 m^2**	5°C
Vine Weevil	12 m^2	500 ml	2	**6 m^2**	8°C
Vine Weevil	100 m^2	200 ml	5	**20 m^2**	8°C
Ant	16 nests	333 ml	3	**about 5 nests**	5°C
Ant	50 nests	200 ml	5	**10 nests**	5°C
Leatherjacket (autumn)	100 m^2	200 ml	5	**20 m^2**	8°C
Leatherjacket (spring)	50 m^2	200 ml	5	**10 m^2**	8°C
Chafer Grub	100 m^2	200 ml	5	**20 m^2**	8°C
Sciarid Fly	12 m^2	500 ml	2	**6 m^2**	8°C
Cutworm	60 m^2	500 ml	2	**30 m^2**	10°C
Carrot Root Fly	60 m^2	500 ml	2	**30 m^2**	10°C
Fruit & Veg	60 m^2	500 ml	2	**30 m^2**	12°C
Codling Moth	16 trees	500 ml	2	**8 trees**	12°C
Box Tree Caterpillar	60 m^2	500 ml	2	**30 m^2**	10°C
Wireworm	60 m^2	500 ml	2	**30 m^2**	10°C
Flea & Flea Beetle	50 m^2	500 ml	2	**25 m^2**	12°C

Mix the whole pack in 1 litre of water, then use the stock solution per pouch shown until it has all been applied. In spring, leatherjackets are treated at twice the autumn rate, so one pack covers half the area.

Fig. 2 Application path

Start at one corner and work across the area in a single S-shaped pass, so every part is covered evenly.

Each pouch should cover the **area per pouch** for your pest and pack size (Fig. 1).



Using liquid feeds

The applicator can also be used for liquid feeds. Follow the feed manufacturer's dilution instructions, and rinse the pouch and spray head with clean water before using them for nematodes.