

NemaTop

COMPOSITION

Component	Content
Sesame Oil	70% w/w
Soy Lecithin	30% w/w
pH	3.8
Density (25°C)	0.94 g/cc
Solubility (25°C)	100%

DESCRIPTION

NemaTop is a natural nematicide derived from specific sesame plant hybrids. It offers broad-spectrum control of both ectoparasitic and endoparasitic nematodes such as *Pratylenchus*, *Meloidogyne*, *Heterodera*, and *Globodera*. Its mode of action includes nemastatic, nematotoxic effects and potential disruption of nematode taxis toward roots. Historically, sesame has been used in crop rotation due to its residual nematicidal properties.

NemaTop is a water-soluble liquid applied through drip irrigation, creating a protective zone around plant roots. It is rapidly absorbed by the plant, has systemic movement, and metabolizes into harmless substances. It is biodegradable and does not alter the soil's natural balance.

MODES OF ACTION

- Direct: Contact action and nematode disorientation.
- Indirect: Enhances plant defenses and favors beneficial soil organisms.

APPLICATION INSTRUCTIONS

To ensure proper protection throughout the crop cycle, begin treatments early and divide the total dose into multiple applications. For best results, apply NemaTop with irrigation water adjusted to a pH around 5.5. Recommended irrigation sequence:

1. Irrigate normally with water and/or fertilizer.
2. Inject NemaTop dose at the end of irrigation, allowing sufficient time for uniform distribution.
3. Flush the lines to ensure total product discharge.
4. Delay next irrigation by 1–2 days.

AUTHORIZED APPLICATIONS

Crop	Target	Dose	Instructions
Banana	Nematodes	20 L/ha (max. 3 applications)	Apply during peak root development (spring and autumn). Repeat every 2-3 weeks.
Zucchini, Melon, Cucumber, Pepper, Watermelon, Tomato, Cauliflower, etc.	Nematodes	15-20 L/ha (max. 3 applications)	Apply during peak root development. Repeat every 2-3 weeks.
Herbaceous Ornamentals	Nematodes	15-20 L/ha (max. 3 applications)	Apply during peak root development. Repeat every 2-3 weeks.
Grapevine (Table Grape)	Nematodes	25-50 L/ha (max. 3 applications)	Apply during peak root development. Repeat every 2-3 weeks.
General Nurseries	Nematodes	15-25 L/ha (max. 3 applications)	Apply during peak root development. Repeat every 2-3 weeks.
Pome and Stone Fruit Trees	Nematodes	25 L/ha (max. 3 applications)	Apply during peak root development. Repeat every 2-3 weeks.

PRESENTATION

PRESENTACIÓN

