



SETIVIUM

40% ME

Active Ingredient

40% Microencapsulated 40% Refined Garlic extract

- Contains organosulfur compounds that disrupt pest metabolism and sensory functions.
- Acts as a persistent and strong anti-feeding agents and contact toxins for nematodes and insects.

Features & Benefits

- **Highly Effective & Plant-Derived**
Powerful biopesticide derived from specially refined garlic extract.
- **Technology**
Microencapsulated formulation ensures steady and durable control over a period of time.
- **Broad-Spectrum Control**
Targets nematodes, mites, aphids, thrips, and other soft-bodied pests.
- **Reduces Synthetic Pesticide Use**
Provides a sustainable alternative for pest management.
- **Low Resistance Risk**
Multiple modes of action help prevent resistance development.
- **Minimal Environmental Impact**
Biodegradable and mild on beneficial insects and pollinators.

A powerful micro capsulated refined Garlic extract that act as bio-insecticide and Bio-nematicide, providing farmers with a sustainable and effective alternative to synthetic chemicals

- SETIVIUM 40% ME is a microencapsulated, refined garlic extract that acts as both a biopesticide and a bionematicide, offering farmers a sustainable and effective alternative to conventional synthetic chemicals.
- With proven efficacy against a range of insect pests and nematodes, SATIVIUM 40% ME offers a safer, low-residue, and environmentally responsible approach to crop protection, particularly for nematode management.
- SETIVIUM 40% ME offer a scientifically supported, eco-conscious, and effective solution for pest and nematode management. By integrating natural plant defence mechanisms into modern farming practices
- SATIVIUM 40% ME contributes to sustainable crop protection with a focus on food safety and reduced environmental impact.

Key Advantages

- Broad-spectrum insect & nematode control
- Low Residue
- Low environmental impact
- Low toxicity to pollinators
- Compatible with IPM programs
- No Pre-Harvest Interval (PHI)

Mode of Action

- **Repellent Effect**

Garlic compounds mask crop odors, deterring insect oviposition and feeding.

- **Contact & Ingestion Toxicity**

Sulfur-based compounds penetrate pest exoskeletons, causing oxidative stress and dehydration.

- **Egg & Larval Disruption**

Disrupts molting and reproductive cycles, ultimately reducing pest populations.

- **Soil Treatment**

Applied as a drench, it effectively controls root-knot nematodes and other soil-dwelling pests.



Methods of Application

- **Foliar Spray**

Targets soft-bodied insects such as aphids, thrips, and mites

- **Soil Drench**

Applied at the root zone for nematode suppression

- **Drip irrigation**

The fully soluble formulation allows easy and uniform application through drip lines.

Application Rates

Soil Application - (vegetables): where applicable, apply prior to transplanting for optimal nematode suppression.

Crops	Target	Rate	Notes
Vegetables	Nematodes	10 - 15 L/Ha	Split application is recommended within a 1 week interval

Foliar Application

Crops	Target	Rate	Notes
Vegetables	Aphids, Thrips, Whiteflies	1 - 3 L/Ha	Non-ionic adjuvants are recommended
Fruits & Orchards	Mites, Caterpillars, Scale Insects	1 - 3 L/Ha	
Greenhouse Crops	Spider Mites, Soft-bodied Insects, Leafhoppers	1 - 3 L/Ha	

Important Note:

The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the official registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved the ministry of agriculture at the country of use.

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