



NEMguard® SC

NEMguard® SC is a powerful polysulphide formulation for the management of plant parasitic nematodes and Diamondback Moth.

PRODUCT SPECS

Active Agent	Selected naturally occurring Polysulphides
Agent Type	Botanical extract

KNOWN PRODUCT USES

Plant parasitic Nematodes
Diamondback Moth
Root repair and growth

NEMguard® SC deploys polysulphides to naturally protect plants against nematodes and Diamondback Moth (DBM) as well as encourages root development and repair.

MODE OF ACTION

NEMguard® SC is a formulation of powerful, natural specifically selected Polysulphides:

- › These Polysulphides give **NEMguard® SC** its strong nematicidal effect and repellent insecticidal effect against Diamondback Moth.
- › When nematodes come into contact with **NEMguard® SC** the polysulphide molecules penetrate through the cuticle, and a lethal biochemical chain reaction begins, causing the nematode to die due to oxidative stress.
- › **NEMguard® SC** promotes root repair and development.

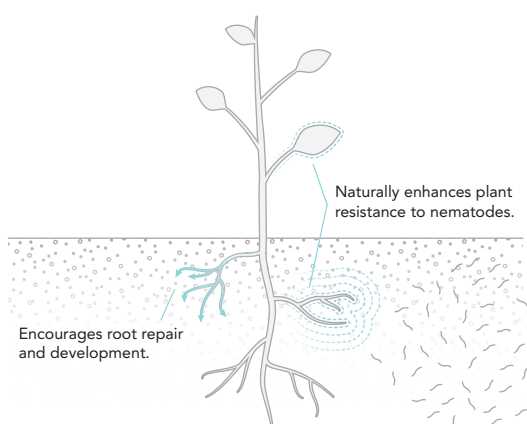


Fig 1. Effect on crop plants.

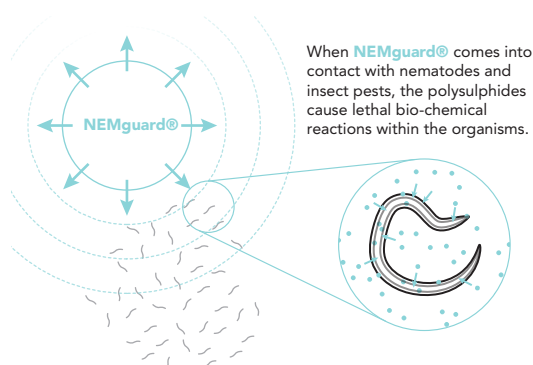


Fig 2. Effect on nematodes and insect pests.

ADVANTAGES OF NEMguard® SC

- › Effective against most plant parasitic nematode species.
- › Can be used on a wide variety of crops including flowers, vegetables and turf.
- › Compatible with other biological control products.
- › Safe to humans and the environment.
- › Zero MRLs and minimum PHI.
- › Certified for use in Organic agriculture.
- › Promotes stronger root structure.

INTRODUCTION METHOD

NEMguard® SC may be applied as a soil drench or spray.

- › Shake the product well prior to use.
- › Add standard adjuvant to the spray tank at recommended rate.

RATE SCHEDULE

	Dosage per Ha	Interval	Frequency
Plant Parasitic Nematodes: Soil Drench Application	8L	90 days	3 months
Diamondback Moth: Foliar Spray	1.25L	7 days	3x

BEST PRACTICE ADVICE

- › Carefully follow the application rates.
- › Drench up to three times per year (max of 24L/Ha/year).
- › Best applied to moist soil substrate.
- › Integrate **NEMguard® SC** with **MYTECH®** and **TRICHOTECH®** for enhanced soil health.
- › Apply during the final stage of irrigation to improve contact.
- › Recommended to use entire contents once opened.

STORAGE

Storage temp.	Room temp.
Conditions	Dark and dry
Max storage time	24 months

Do not freeze. Store upright.

PACKAGING

Quantity	Pack Size
99% Concentration	5L

SCAN TO DOWNLOAD



IPM ADVICE

Before introducing **NEMguard®** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Bioline AgroSciences Africa SIDE EFFECT GUIDE on Dudutech.com for compatible chemicals.

If there are any questions about the product, please contact a Bioline AgroSciences Africa specialist in your areas. **NEMguard® SC** is manufactured by Ecospray.





NEMguard® SC

NEMguard® SC is a powerful garlic-based polysulphide formulation for the management of plant parasitic nematodes.

PRODUCT SPECS

Active Agent	Selected naturally occurring garlic-based Polysulphides
Agent Type	Botanical extract

KNOWN PRODUCT USES

Plant parasitic Nematodes
Root repair and growth

NEMguard® SC deploys polysulphides to naturally protect plants against nematodes and encourage root development and repair. **NEMguard® SC** kills plant parasitic nematodes by causing oxidative stress in their tissue.

MODE OF ACTION

NEMguard® SC is a formulation of powerful, natural specifically selected Polysulphides:

- › These Polysulphides give **NEMguard® SC** its strong nematocidal effect and repellent insecticidal effect against Diamondback Moth.
- › When nematodes come into contact with **NEMguard® SC** the polysulphide molecules penetrate through the cuticle, and a lethal biochemical chain reaction begins, causing the nematode to die due to oxidative stress.
- › **NEMguard® SC** promotes root repair and development.

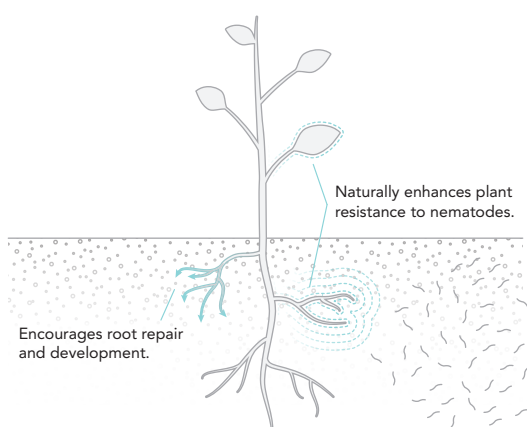


Fig 1. Effect on crop plants.

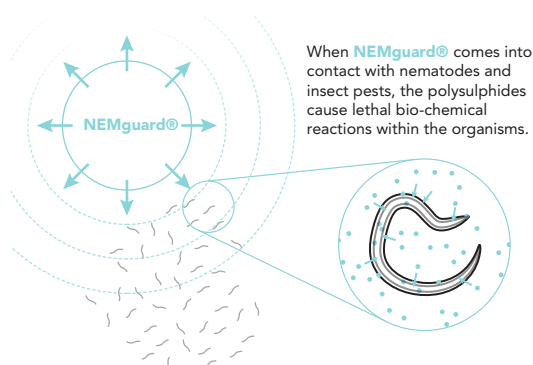


Fig 2. Effect on nematodes and insect pests.

ADVANTAGES OF NEMguard® SC

- › Effective against most plant parasitic nematode species.
- › Can be used on a wide variety of crops including flowers, vegetables and turf.
- › Compatible with other biological control products.
- › Safe to humans and the environment.
- › Zero MRLs and minimum PHI.
- › Certified for use in Organic agriculture.
- › Promotes stronger root structure.

INTRODUCTION METHOD

NEMguard® SC may be applied as a soil drench or spray.

- › Shake the product well prior to use.
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RATE SCHEDULE

	Dosage per Ha	Interval	Frequency
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BEST PRACTICE ADVICE

- › Carefully follow the application rates.
- › Drench up to three times per year (max of 24L/Ha/year).
- › Best applied to moist soil substrate.
- › Integrate **NEMguard® SC** with **MYTECH®** and **TRICHOTECH®** for enhanced soil health.
- › Apply during the final stage of irrigation to improve direct contact with the pest.
- › Recommended to use entire contents once opened.

STORAGE

Storage temp.	Room temp.
Conditions	Dark and dry
Max storage time	24 months

Do not freeze. Store upright.

PACKAGING

Quantity	Pack Size
99% Concentration	5L

IPM ADVICE

Before introducing **NEMguard® SC** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Bioline AgroSciences Africa SIDE EFFECT GUIDE on Dudutech.com for compatible chemicals.



If there are any questions about the product, please contact a Bioline AgroSciences Africa

