

Cedroz—where technology meets nature

Cedroz is an innovative new terpene-based, post-planting bionematicide for the control of root-knot nematodes in fruit and vegetables. The product is a copy of a natural plant defense mechanism and hence nature identical. The two active compounds—thymol and geraniol—together have a synergistic mode of action that increases their efficacy in treated soil. Cedroz shows effective performance against root-knot nematodes, resulting in high-quality crops and high yields, and is approved for use in organic farming in the EU.*

Key benefits

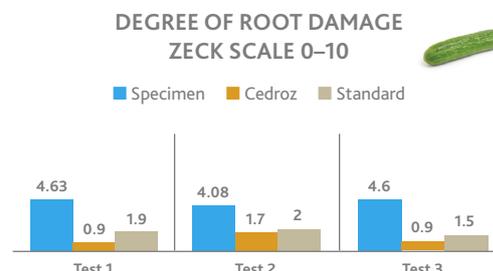
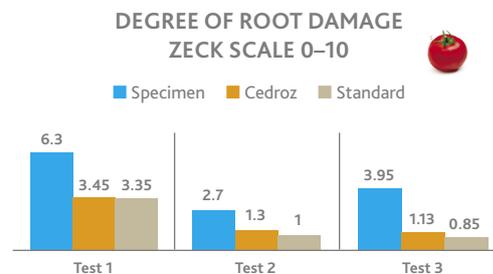
- No residues
- No preharvest interval
- Can be used in organic farming
- Favorable environmental profile
- Flexibility and ease of application
- Multisite mode of action
- No development of resistance expected
- Can be used as part of an integrated soil care program
- No interference with pollinator activity

*According to Council Regulation (EC) No. 834/2007 of 28 June 2007 on organic production and labelling of organic products.
Geraniol and thymol added via Commission Implementing Regulation (EU) 2019/2164 of 17 December 2019, amending Regulation (EC) No. 889/2008.



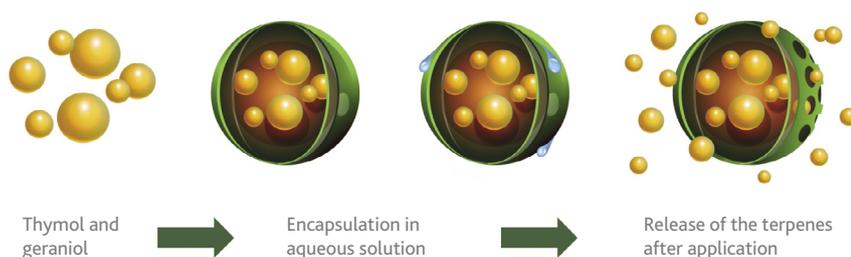
Mode of action

Thymol and geraniol act against nematodes via diverse mechanisms. Thanks to their lipophilic nature, their primary mode of action is to accumulate in cell membranes, causing loss of integrity of the membranes due to a change in composition of fatty acids and phospholipids with consequent lysis, release of cellular substances, and ultimately death of the cell.



High-tech formulation

The Cedroz formulation, patented by Eden Research plc, uses a natural microencapsulation technology. This innovative system promotes suspensibility without the use of emulsion solvents. Once applied to the soil, the capsules provide modulated and gradual release of the two terpenes through the microporosity of the capsule walls.



Technical specifications

Active substance	Thymol 41 g/L + geraniol 121 g/L
Formulation	CS capsule suspension
Crops	Tomato, bell pepper, eggplant, cucumber, squash, melon, watermelon, pumpkin, strawberry
Adversity	Root-knot nematode (<i>Meloidogyne</i> spp)
Dose	9 L/hectare
Preharvest interval	None
Residues	None
CLP	H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects
Number of applications	From 1 to 6, according to the degree of infestation and technical positioning in the treatment program
Period of use	From planting to harvesting

Instructions for use

- Apply Cedroz to soil using the existing irrigation system.
- It is crucial to have an irrigation system that applies the product uniformly with the distribution lines close to the plants.
- It may be helpful to use dual piping on sandier soils.
- For a high degree of efficacy, apply Cedroz in the concentration of 225–450 mL per 100 liters irrigation water (0.225%–0.450%), using between 2,000 and 4,000 liters per hectare, respectively.
- Cedroz must be applied on damp ground using irrigation volumes sufficient to distribute the product over the full stretch of land containing the roots.
- Distribute approximately 50% of the volume of irrigation water to be used and apply Cedroz afterward, concluding the irrigation cycle with the remaining 30% of clear water.

For information on the product's registration status, complete the information request form available on eastman.com/cedroz.