

# Sineria

## ORIZON™

---



# ORIZON™

For the effective control of nematodes and insect pests on a wide range of crops.

- **Orizon®** is a novel combination of two insecticides with different chemical and biological properties, providing strong insecticidal and nematocidal activity.
- **Orizon®** is effective against a wide range of insect pests, mites and nematodes.
- **Orizon®** is suitable for use both as a foliar spray and as soil application, via drench and drip irrigation.

## Active Ingredient – Mode of Action

**Orizon® is a combination of Imidacloprid 120 g/L and Abamectin 30g/L CS**

- **Imidacloprid** is a systemic insecticide from the Neo-nicotinoid group.
- **Abamectin** is a natural fermentation product deriving from soil bacteria and has limited systemic activity but will penetrate, in a translaminar way, the plant tissues to provide residual control.

## Advantages

- High efficacy with low application rates
- Unique combination of two novel Active Ingredients
- Ovicidal and larvicidal activity
- Wide spectrum of activity
- Easily absorbed in plant tissues and digested by the target pests
- Long-lasting residual control
- Ideal for IPM programs
- Effective against insects resistant to products of other chemical classes like OPs, CA, PY



## Application Guidelines

### Soil Application

For the Control of Nematodes, Soil borne insects and Foliar pests through **Orizon's** systemic activity

Crop/Pest	Application Rate	Application Directions
<b>Seedling</b> Nematodes ( <i>Meloidogyne sp.</i> , <i>Xiphinema sp.</i> ) Cutworms, Aphids, Whiteflies, Thrips	200-300 ml in 10 Lt of water	Apply evenly until the mixture is completely absorbed by the substrate. The residual activity of Orizon® is c. 2 weeks following application.
<b>Vegetables</b> Nematodes ( <i>Meloidogyne sp.</i> , <i>Xiphinema sp.</i> ) Cutworms, Aphids, Whiteflies, Thrips	2.0-4.0 Lt/ha	The 1st application should be done within 2 weeks before the transplant. Make additional 3-4 applications via drench or drip irrigation. The residual activity of Orizon® is c. 2 weeks following application.
<b>Citrus</b> Nematodes ( <i>Meloidogyne sp.</i> , <i>Xiphinema sp.</i> ) Cutworms, Mealybugs, Aphids, Whiteflies, Thrips	2.0-4.0 Lt/ha	Apply evenly until the mixture is completely absorbed by the substrate. The residual activity of Orizon® is c. 2 weeks following application.
<b>Cotton</b> Nematodes ( <i>Meloidogyne sp.</i> , <i>Xiphinema sp.</i> ) Cutworms, Aphids, Whiteflies, Thrips	2.0-4.0 Lt/ha	Make in total 4-5 application, via drench or drip irrigation. The residual activity of Orizon® is 2 weeks following application.
<b>Soybean</b> Nematodes ( <i>Meloidogyne sp.</i> , <i>Xiphinema sp.</i> ) Cutworms, Aphids, Whiteflies, Thrips	Overhead Irrigation: 2.0-4.0 Lt/ha Boom-spray: 2-5 Lt/ha	Apply before seed germination. Apply with 300-500 Lt water, at seed emergence and when seedling are up to the 2nd to 3rd leaf stage.
<b>Roses</b> Whiteflies, Thrips	Whiteflies, Thrips	300 ml/ha in 1000 Lt of water; 15ml/ 20 Lt of water

### Foliar Application (Ground Spray)

Crop	Pest	Application Rate
<b>Tomatoes</b>	Aphids, Whiteflies, Leafminers, Thrips, Spidermites	100-150 ml/Lt water
<b>Potatoes</b>	Colorado Beetles, Leafminers	200 ml/100 Lt water
<b>Citrus</b>	Aphids, Mealybugs, Leafminers, Thrips, Jasside, Two spotted, Spidermites, Carminemites	10 ml/100 Lt water
<b>Vegetables</b>	Aphids, Thrips, Whiteflies, Leafminers, Redmites	30 ml/100 Lt water 100-150 ml/100 Lt water
<b>Cotton</b>	Leafminers, Aphids, Thrips, Caterpillars	30 ml/100 Lt water 100-150 ml/100 Lt water
<b>Soybean</b>	Leafminers, Aphids, Thrips, Caterpillars	20-30 ml/100 Lt water
<b>Coffee</b>	Mealybugs, Thrips, Leafminers	20-30 ml/100 Lt water
<b>Roses</b>	Whiteflies, Thrips	300 ml/ha in 1000 Lt of water; 15ml/ 20 Lt of water

### Locust Control

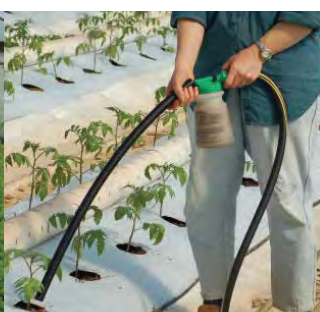
Pest	Application Rate	Application Rate	Remarks
Locust	Air application	200-300 ml/ha	Refer to air application leaflet for additional application information
	Gorund application	300-500 ml/ha	Ensure thorough coverage of the plant canopy
It is recommended to add in the tank mix proper wetter (e.g. Silwet, Amisil) at the recommended rate			



Seedling Application



Tobacco seedling



Crop Application



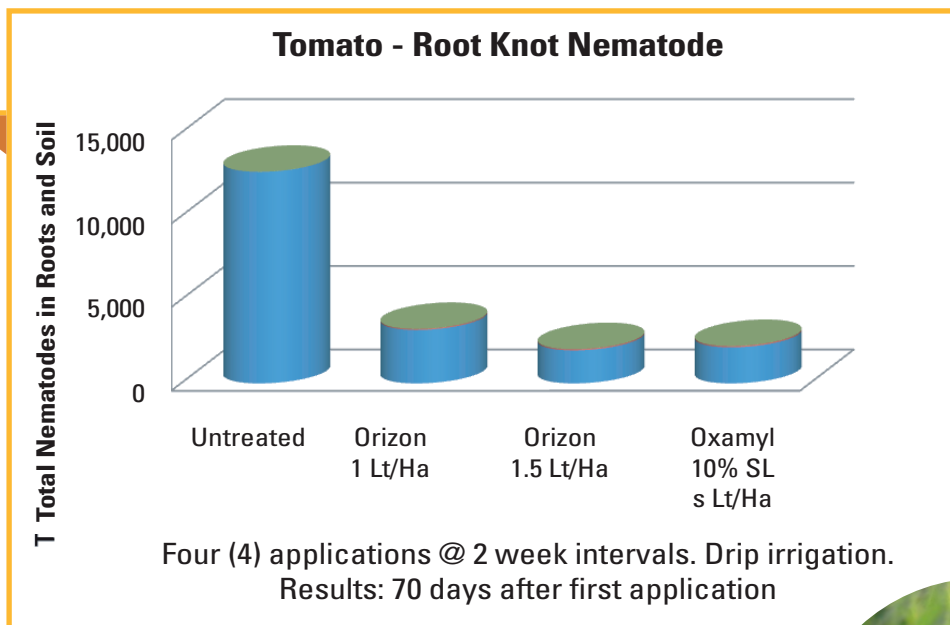
Locust Application

## Pre-harvest Intervals

- Vegetables & Potatoes: 7 days
- Citrus & Cotton: 14 days



### Orizon® commercial tomato greenhouse trial - Root-Knot Nematodes. Greece. 2011



**Disclaimer:** his information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the label of the product, the information stated on the label of the product will prevail. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names use by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Supplier:

**Sineria**

Sineria Holland BV  
Randwycksingel 20 - A015  
6229 EE Maastricht, The Netherlands  
[www.sineria.com](http://www.sineria.com)

