



Converto



A new generation biological based hybrid insecticide
for the control insect pests and spidermites
as well as suppression of fungal diseases

Sineria Hybrid product

Sineria has developed a Biological bridge solution portfolio that allow a transition from a system rooted in toxic pesticides to a healthier, low-residue, biological-based sustainable program.

Hybrid technology effectively combines synthetic pesticides with biological ingredients:

- Plant extracts
- Natural microbial agents
- Fermentation products



Hybrid Biological formulation characteristics:

- Can be integrated into conventional spraying programs
- Low toxicity profile
- Minimum residue levels
- Can be used with normal spraying equipment
- Release resistance pressure
- Broad spectrum of activity
- IPM Compatible



Convento SC works as a bio-insecticide and bio-fungicide

- Convento SC is highly active, Hybrid solution against a wide range of insect pests and fungal diseases on a crops as listed.
- Convento SC is an integration of Botanical ingredients that deliver better toxicological profile, lower residue index and lower impact on beneficials and pollinators.
- Convento is formulated as SC – Suspension Concentrate



Converto

Multiple mode of action

The natural orange oil has a double mode of action

Interferes with the pests cuticle through a detergent effect dissolving the soft segments and damage the integrity and permeability of the epicuticle in soft body insects & mites.

Acts as suffocating agent by blocking the respiratory tracts.

The pure inverted emulsion paraffinic oil works in 4 different overlapping ways

Oil blocks arthropod spiracles, resulting in suffocation.

Volatile components may have a fumigation effect.

Penetrates and breaks down soft tissue structures.

Residual film helps prevent scale adhesion.

Additional synergetic action of both highly active and complementary ingredients

Effects on eggs

- Blocks normal gas exchange through the external membrane wall.
- Hardening of the wall affects hatching.

Effects on behavior

- Helps inhibit ovoposition and feeding of certain insects.

Effects on fungi

- Prevents the adhesion of spores and mycelia.
- Alters mycelia cellular walls.

Application rate

Against Insect Pests - Spidermites:

Crop	Target Pest	Application Rate	Notes
Vegetables	Aphids, Whiteflies, Thrips, Psyllids, Scales, Mealybugs	400 - 500 ml/ 100Lt water	Spray evenly and thoroughly. Spray at 7-10 day interval.
Ornamentals			

Against Fungal Diseases:

Crop	Target Pest	Application Rate	Notes
Vegetables	Powdery Mildew, Botrytis, Late blight, Purple Blotch, Rust	250-400 ml/ 100 Lt water	Spray evenly and thoroughly. Spray at 7-10 day interval.
Ornamentals			

Directions for Use

- Converto SC should be mixed with water to be ready for use.
- It may be applied with any type of spraying equipment.
- Always ensure thorough coverage of the canopy during application, especially of the underside of the leaves.
- Do not apply this product through any type of irrigation system

- Use the higher rate under high disease/pest pressure
- Spray upon the first appearance of insect pest or when conditions favour the development of the disease.

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 officially 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.

Convento in action...

Determination of Efficacy of **Convento SC** against Whiteflies on Tomatoes and Powdery mildew on Roses in Greece - 2020 -



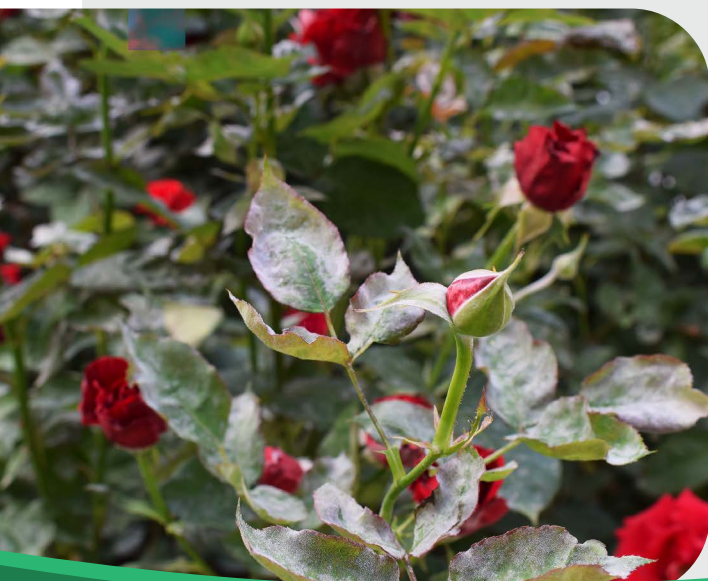
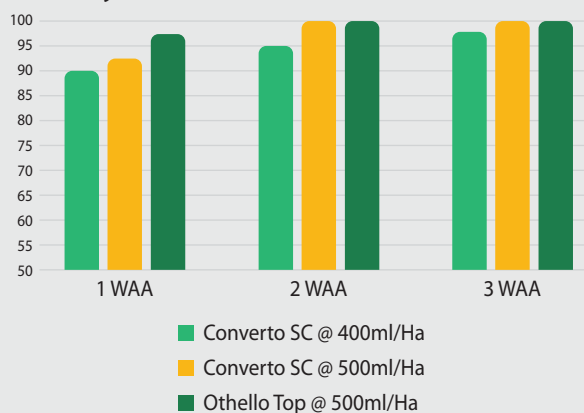
Product application

Treatment	Active ingredient	Application rate
Convento SC	Natural Orange Oil (containing d-limonene) 5% + Pure inverted emulsion Paraffinic oil 40%	400 ml/100 L water
Convento SC		500 ml/100 L water
Othello Top	Azoxystrobin 200 g/l + Difenconazole 125 g/l SC	500 ml
Blast 60EC	Acetamiprid 30 g/l + lambda-Cyhalothrin 30 g/l EC	600 ml
Water - Control	-	-

Whiteflies control in tomatoes



Powdery mildew control in roses



Sineria

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