



Okida™
SC

a new generation biological
based hybrid formulation

Sineria

 **SINERIA
HYBRID**

 **Low RESIDUE**



**Okida™
SC**

Sineria has developed a “bridge solution” portfolio which is a transition from a system rooted in toxic pesticides to a healthier, low-residue, biological-based sustainable system.



Hybrid technology effectively combines synthetic plant protection actives with biological ingredients, such as:

- Plant extracts
- Natural microbial agents
- Fermentation products

Performance

Hybrid Formulation characteristics

- Delivers technological advantages while maintaining low toxicological profile and low residue level.
- Can be integrated into conventional spraying methods
- Improves toxicological profile
- Lower crop residue levels
- Release pesticide resistance pressure
- 2 years shelf life
- Broader spectrum of activity
- Reduced amount of synthetic active in the field
- Improve compatibility for IPM Program

Unique combination of extraction & fermentation technology

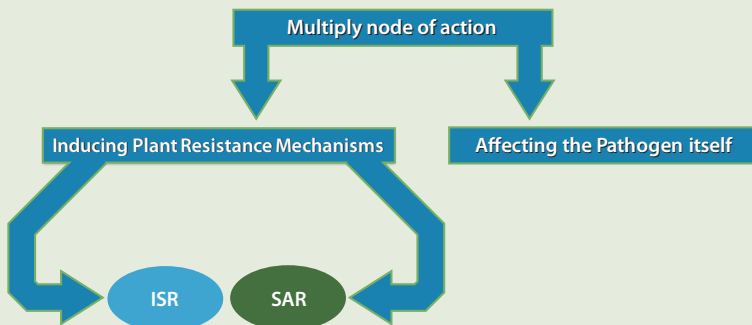
Rheum officinale plant extract 5% fermented with Pyraclostrobin 13% SC

OKIDA SC™ is highly active, Hybrid solution against a wide range of Fungal and Bacterial diseases on a crops as listed.

OKIDA SC™ is an integration of both Botanical and low toxicity synthetic ingredient that delivers better toxicological profile, lower residue index and lower impact on baneficials and polinators.

OKIDA SC™ is formulated as SC – Suspension Concentrate.

Multiple mode of Action



Why Pyraclostrobin?

- Broad spectrum of Activity
- Derived from Natural sources
- Very safe tox profile
- Can be used as foliar and drench
- Systemic with protective and curative action
- Favourable PHI vs Triazoles

Okida Unique fold mode of action:

OKIDA SC™ activates the plant immunity by eliciting the Systemic Acquired Resistance (SAR) of the attacked plant and by inducing systemic resistance mode of action (ISR), which causes plants to arm their own defense systems against attacking pathogens.

One of the more effective resistance self-immunity mechanism is manipulating the plant to regenerate phytoalexins that prevent spores and fungus from penetrating the plant.

Pyraclostrobin: Strobilurin fungicide, FRAC Group C, Code 11

- Strobilurin fungicide based on naturally occurring substances found in certain species of wild mushrooms.

Characteristics:

- Broad spectrum fungicide with protectant, curative, eradicant and systemic properties.
- Possesses a novel biochemical mode of action.
- Its fungicidal activity results from the inhibition of mitochondrial respiration in fungi.

Directions for Use

CROPS	PEST	RATE
Vegetables (Tomatoes, Potatoes, cucurbits, Beans, Peas, Peppers)	Downy Mildew, Powdery Mildew, Alternaria, Sclerotinia, Late Blight, Bacterial diseases*	0.5-0.8 Lt/Ha
Soybeans	Rust, Alternaria, Bacterial diseases*	0.5-0.8 Lt/Ha
Cruciferae (Cabbage, Broccoli)	Alternaria, Botrytis, Sclerotinia, Powdery Mildew	0.5-0.8 Lt/Ha
Onions, Garlic	Powdery Mildew, Purple blotch (Alternaria), Sclerotinia, Rust, Bacterial diseases*	0.5-0.8 Lt/Ha
Wheat	Powdery Mildew, Rust, Bacterial diseases*, Fusarium	0.5-0.8 Lt/Ha
Avocado, Blueberries	Powdery mildew, Cercospora, Anthracnose, Rust, Dothiorella fruit rot, Botrytis, Colletotrichum	0.5-0.8 Lt/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 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.

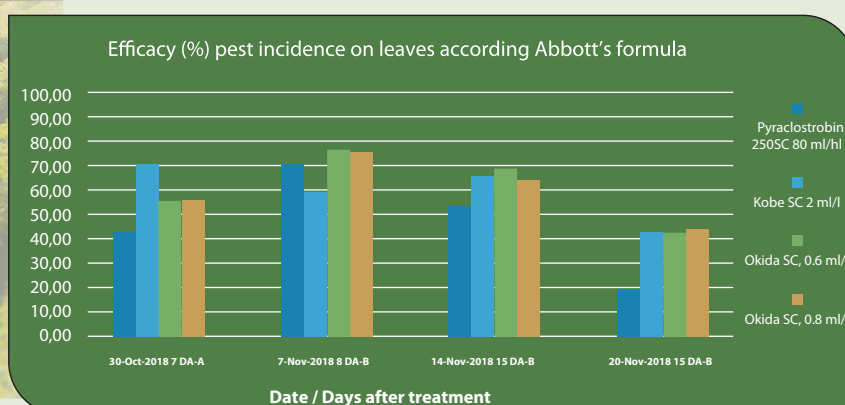
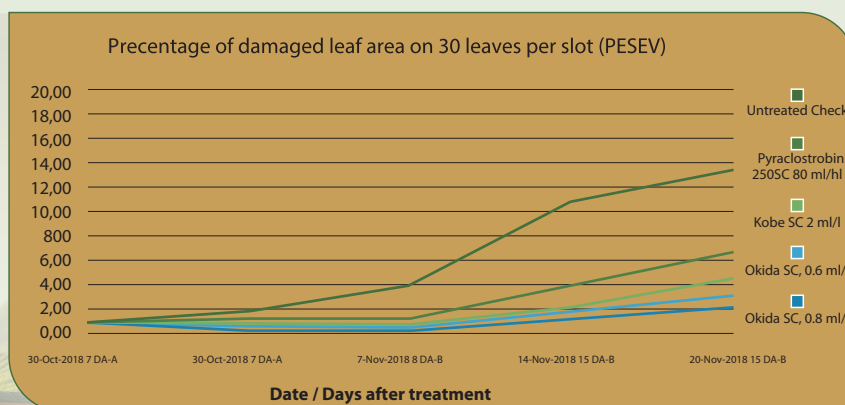
- Spray **OKIDA SC™** preventively or in the early stages of the disease development.
- Ensure thorough coverage of the plants.
- Repeat application at 7-14 days interval depending on environmental conditions and disease pressure.

Okida in action

Determination of Efficacy of **Okida SC™** against Powdery Mildew on Cucurbits Under Greenhouse Conditions in One Site in South Europe



Application Schedule and Product Description						
T	Product	Formulation	Active Ingredient	Rates	Application Timing	
T1	Control					
T2	Kobe SC	SC	Rheum officinale plant extract 10%	2 L/ha	A	B
T3	Pyraclostrobin 25%SC	EC	Pyraclostrobin 250 g/l	80 ml/hl	A	B
T4	Okida SC	-	Rheum officinale plant extract 5% + Pyraclostrobin 13% SC	0.6 ml/l	A	B
T5	Okida SC	-	Rheum officinale plant extract 5% + Pyraclostrobin 13% SC	0.8 ml/l	A	B
Application Timing (AT)				Spray Volume		
A	At the beginning of first symptoms			400-1000 L/ha		
B	7 ± 1 day after application A			400-1000 L/ha		



Disclaimer:

This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. The visualizations presented herein are intended for illustrative and educational purposes only. They do not represent scientifically accurate depictions of agricultural processes, nor do they have any legal binding. The information depicted is based on widely recognized agricultural knowledge and practices described in writing. 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 product label, the information stated on the product label will prevail. The customer/user is not released from the obligation to conduct careful inspection and testing of products. 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 on small scale plot. Reference to trade names use by other companies is neither a recommendation nor does it imply that similar products could not be used.

Supplier:

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