



AketchiTM
260 SL

a new generation biological
based hybrid formulation

Sineria

 **SINERIA
HYBRID**

 **Low
RESIDUE**



AketchiTM

260 SL

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
- Lowers crop residue levels
- Releases pesticide resistance pressure
- 2 years shelf life
- Broader spectrum of activity
- Reduces the amount of synthetic active in the field
- Improve compatibility for IPM program

Unique combination of extraction & formulation technology

Sophora Flavescens plant extract 25% formulated with Emamectin benzoate 1%:
Contact & stomach insecticide for the control of Lepidoptera pests, Thrips & Spidermites on a wide range of crops.

Use Advantages:

- High Efficacy
- Improves knock-down effect
- Decreasing the harmful side-effect to vertebrates
- Decreasing the insect resistance risk
- Broader spectrum of Activity
- Improves Control of difficult pests
- Lower residue index

Multiple mode of Action



- Stomach action
- Disrupts multi-side enzymatic activities
- Significant increase in Acetyl Cholinesterase (AChE) enzyme activity.
- Elevation of the phenol oxidase (PO) enzyme activity
- Significant activity decrease of carbohydrate hydrolyzing enzymes.
- Acts on the pests Central Nerve System resulting in breath inhibition and motion imbalance
- Antifeeding and repelling activity
- Stimulates plant growth
- Prolong residual activity

Application rate

CROPS	PEST	RATE*
Ornamentals	Lepidoptera pests and Loopers, Leafminers, Thrips, Spidermites	300-400 ml/ Ha
Vegetables (Peppers, Tomatoes, Cruciferae, Carrots, Paprikas, Eggplant)	Tuta absoluta, Leafminers, Lepidoptera pests, Spidermites, Thrips	300-500 ml/ Ha
Potatoes, Soybeans, Tobacco	Colorado beetle, Potato tuber moth, Leafminers, Lepidoptera pests, Thrips, Spidermites	300 ml/ Ha
Maize	Maize stalk borer, Thrips, Leafminers, Spidermites	300-400 ml/ Ha
Avocado	Lepidoptera pests, Thrips, Spidermites	300-500 ml/ 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 official 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.

*Rates are as per content available information – please refer to the product label, approved in your country

Important note:

- Ensure thorough coverage of the entire plants.
- Repeat application at 7-14 days interval depending on environmental conditions and disease pressure

Aketchi in action

Location: Foggia, Italy

Time Frame: June –August 2018

Crop: Cabbage

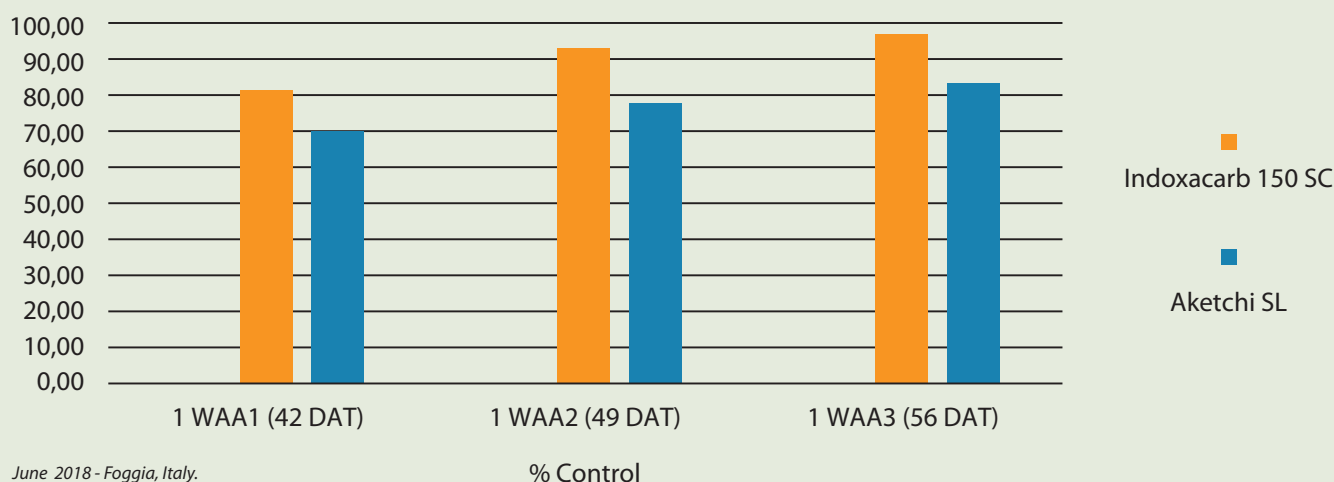
Pest Target:

Plutella xylostella, Crocciodolomia binotalis



No.	Treatment	Dose (ml / ha)	Interval application
1	Untreated		
2	Aketchi SL	300 MI/Ha	2 weekly application
3	Indoxacarb 150SC	250 MI/Ha	2 weekly application

% Control of Cabbage Lepidoptera



June 2018 - Foggia, Italy.

% Control

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.