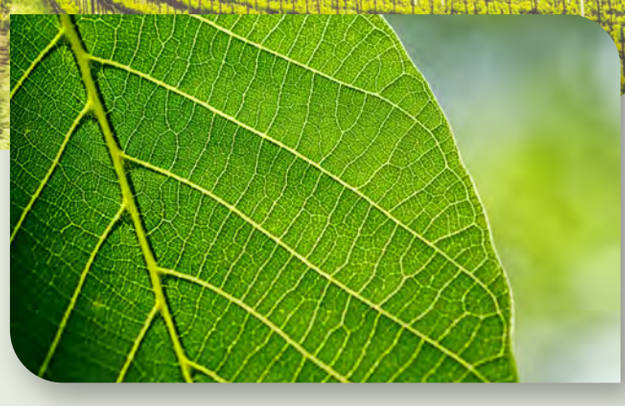
Aketchi™ 260 SL

a new generation biological based hybrid formulation

Sineria

SINERIA HYBRID

Low RESIDUE



Aketchi™ 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.

Biological Active + Synthetic Active = SINERIA HYBRID

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

PIS-AKETCHI-ALLCO_EN_SIN-20200319

Aketchi™ 260 SL

SINERIA HYBRID

Unique combination of extraction & fermentation technology

Sophora Flavescens plant extract 25% fermented 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
- Improve knock-down effect
- Decreasing the harmful side-effect to vertebrates
- Decreasing the insect resistance risk
- Broader spectrum of Activity
- Improve Control of difficult pests
- Lower residue index

Multiple mode of Action

Aketchi™ 260 SL

Contact Activity — Upon application

Ingestion Activity — Upon feeding on treated crops

- 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 inhibitation and motion imbalance
- Antifeeding and repelling activity
- Stimulates plant growth
- Prolong residual activity

Application rate

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

*Rates are as per content available information – please refer to the product label, approve 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

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Aketchi in action

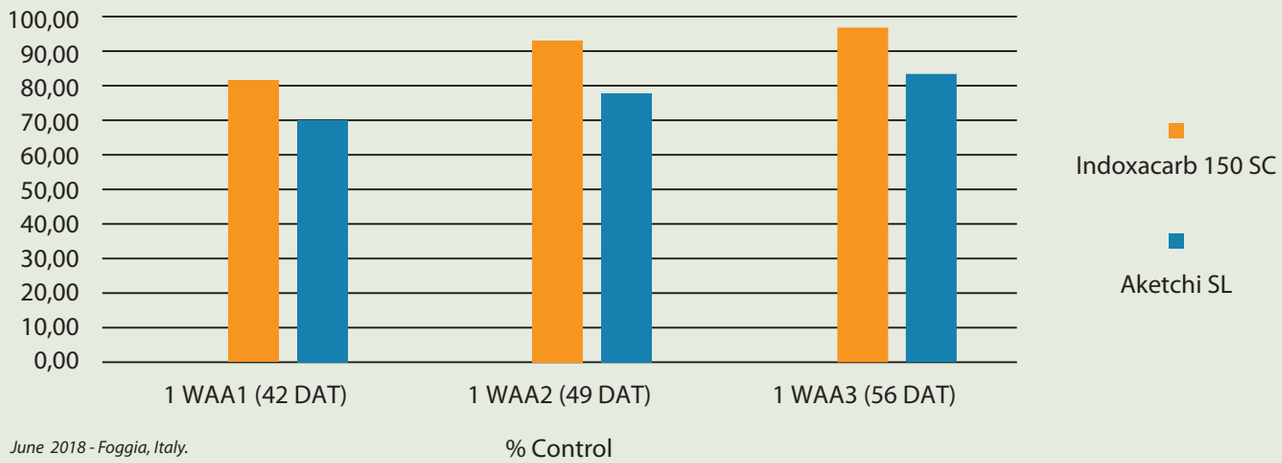
No.	Treatment	Dose (ml / ha)	Interval application
1	Untreated		
2	Aketchi SL	300 Ml/Ha	2 weekly application
3	Indoxacarb 150SC	250 Ml/Ha	2 weekly application

Location: Foggia, Italy
Time Frame: June –August 2018
Crop: Cabbage
Pest Target:
Plutella xylostella, Crocciodolomia binotalis

Aketchi 260 SL

Control

Leaf damage from Cabbage lepidoptera %



June 2018 - Foggia, Italy.

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