

OPTIMA®



Product Introduction:

Active Ingredient	Content & Formulation
Lambda-cyhalothrin 5% + Thiamethoxam 10%	15%SC

Product Feature:

This product is an insecticide composed of Thiamethoxam and Lambda-Cyhalothrin. It can inhibit the conduction at the axons of insects, making them keep away from the crop, knocking them down and killing them by poisoning. At the same time, it can selectively inhibit the nicotinic acetylcholinesterase receptor in the central nervous system of insects, thereby blocking the normal conduction in the system and resulting in the paralysis and instant death of the pests. This mixed formulation has excellent effects in controlling wheat aphids and tea green leafhoppers, and it can be used to effectively control various Lepidoptera, Coleoptera, and Hymenoptera pests, such as aphids, leafhoppers, whiteflies, and planthoppers.



Advantage:

1. This mixed formulation can cause strong gastric toxicity, kill insects by contact and is systematic. It can effectively control pests with piercing-sucking and chewing mouth parts, while delaying the development of drug resistance.
2. It has stronger insecticidal activity, more safety, and a broader insecticidal spectrum compared to other pesticides.
3. It acts on pests and kills them quickly and has enduring effects.

Applicable Crops:

Wheat, rice, beet, rape, potato, cotton, the common bean, fruits, peanut, sunflower, soybean, tobacco and citrus



Rice Sunflower Potato Peanut Rape

Targets:

Piercing-sucking pests such as aphids, planthoppers, thrips, whiteflies, pear psyllids, tea green leafhoppers; chewing pests such as oriental tobacco budworm, cotton bollworm, diamondback moth, beet armyworm and tropical armyworm



Prodenia litura Cotton bollworm Beet armyworm Oriental tobacco budworm Tea lesser leafhopper

Uses and Recommendations:

Crops	Targets	Dosage	Application method
Wheat	Aphid	75-135 ml/ha	Spray
Cotton	Little cutworm	180-300 ml/ha	Spray

1. Apply this product once in the early peak period of wheat aphids, spraying it evenly and thoroughly on both the front and back sides of leaves, in order to have the best control effects.
2. The safety interval of using this product on wheat is 14 days.
3. Do not apply it on windy days or when rainfall is expected within 1 hour.

Cautions:

1. The product should not be mixed with alkaline pesticides and other alkaline substances.
2. It is recommended to alternate this product with other pesticides with a different mode of action, so as to delay the development of resistance.
3. During application, it should avoid affecting the surrounding bee colonies. It is forbidden to use this product when the surrounding plants are in the flowering period or there are sericulture gardens nearby. This product is toxic to fish and other aquatic organisms. When using this product, keep it away from aquaculture areas, river ponds and other water bodies. It is forbidden to clean used tools in river ponds and other water bodies.

