

ROTENONE 5%EC

Rotenone is a naturally occurring botanical compound obtained from the roots of Derris sp. It is an inhibitor of mitochondrial electron transport, specifically inhibiting NAD-linked substrate oxidation by mitochondria at the oxygen side of NADH dehydrogenase. 50% inhibition of the activity is observed at 10 picomoles/mg protein.

Function:

It is used to control pieris rapae, spotted lady beetle, phaedon brassicae, aulacophora gemoralis, phyllotrela vittata, and cabbage webworm and so on. Dilute 1000 times to spray. It also can control cabbage aphid, aphid craccivora koch, cotton aphid and so on. Dilute 1000 times, spray when the dew is not dry in the morning. Formulation Dosage: 0.5-1.0 L/ha.



Uses and Dosage:

Main Crops	Typical Disease	Formulation Dosage (g/ha)	Diluted times	Methods of Application	PHI
Cruciferae Vegetables	Aphides	84.35-109.5	800-1000	spray	3 days
Vegetables	pieris rapae	50-67.5	800-1000	spray	
Rape	The beetle	60-67.5	500-800	spry	
Orchards	inchworm	67.5-75	500-800	spry	
Tea tree	smaller green leafhopper	45-52.5	600-800	Spray	



Use precaution:

Respiratory protection: Breathing apparatus only if aerosol or dust is formed.

Hand protection: Pvc or other plastic material gloves

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses with side-shields

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

First aid: if accidental poisoning, wash the stomach with tannic acid or active carbon injectable suspension, inject in intravenous with glucose liquid, or inject the atropine in muscle, then send to see doctor.

Note:

It can not mix with alkaline pesticides

There is no starglow antidote, if swallow, go to see the doctor as soon as possible.

It is high toxicity to fish and bombyx mori, so avoid it touch liver water and mulberry.

It should be storage in cool and dry.

Safety interval: 3 days.



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