

Rycar™ Insecticide

Rycar™ is a versatile insecticide that provides excellent control of aphids and whiteflies (all bio types) with little impact on beneficial insects and pollinators.

- Effective control of aphids and whiteflies in greenhouse cucumbers, eggplant, lettuce, peppers, tomatoes, and ornamental plants
- Contact and ingestion activity stops insect feeding within two hours with control during the next 48 hours
- Excellent fit in IPM programs



How Rycar Works

Via both contact and ingestion, target pests exposed to Rycar stop feeding within two hours. Target insects are unable to eat and struggle to orient themselves and move. Death occurs within 48 hours.

Translaminar Movement

Rycar can control pests regardless of their position in the crop canopy which is excellent in dense foliage crops. Rycar penetrates the plants' waxy cuticle and moves toward the leaf edges. When target pests feed on treated leaves, they ingest Rycar and are controlled.

Integrated Pest Management

Beneficial insects and pollinators are key components of greenhouse crop production.

Despite its efficacy against target pests, Rycar has little impact on either beneficial insects or bumblebees.

Beneficial Species		Life Stage	Rycar Effect
Lady bug	<i>Harmonia axyridis</i>	Adult	No effect
Predatory bug	<i>Orius insidiosus</i>	Adult	No effect
Parasitic wasp	<i>Encarsia formosa</i>	Pupa	Some effect
Aphid midge	<i>Aphidoletes aphidimyza</i>	Larva	No effect
Predatory mites	<i>Hypoaspis miles</i> <i>Amblyseius cucumeris</i> <i>Amblyseius californicus</i> <i>Phytoseiulus persimillis</i>	Adult	No effect
Bumblebee		Adult	No effect



Best Management Practices:

- IRAC Group: 9B
 - Whenever possible, rotate Rycar with insecticides from different groups that target the same pests
- Do not apply via low volume applicators
- Do not exceed 2041 L of spray solution per ha
- Re-entry interval: 12 hours
- Pre-harvest interval: 1 day

Target Pest	Rate	Notes
Greenhouse cucumbers, eggplant, pepper, tomato		
Aphids	125 - 164 mL / 1000 L	Maximum applications per crop cycle: 1 Maximum volume of Rycar per crop cycle: 335 mL/ha
Whiteflies	187 - 250 mL / 1000 L	
Greenhouse lettuce		
Aphids	187 - 250 mL / 1000 L	Minimum days between applications: 10 Maximum applications per crop cycle: 2 Maximum volume of Rycar per crop cycle: 1020 mL/ha
Whiteflies	125 - 250 mL / 1000 L	
Greenhouse herbaceous & woody deciduous ornamental plants (excluding cut flowers)		
Aphids	187 - 250 mL / 1000 L	Minimum days between applications: 10 Maximum applications per crop cycle: 2 Maximum volume of Rycar per crop cycle: 1020 mL/ha
Whiteflies	125 - 250 mL / 1000 L	

Always read and follow label directions.