

Patriarch® RMR® Insecticide

Superior protection against silverleaf whitefly in cotton

Imtrade Patriarch® RMR® is the product of choice for silverleaf whitefly (SLW) control in cotton. Patriarch® is the first addition in Imtrade's new Resistance Management Regime (RMR®) range, focused on improving efficacy of existing active ingredients, relied upon in common Integrated Pest Management (IPM) practices.



- ▶ High-level protection against silverleaf whitefly in cotton.
- ▶ Proven IPM-Friendly active ingredient.
- ▶ Enhanced by the power of Piperonyl Butoxide (PBO).
- ▶ Early application provides a strong return on investment by protecting the plant, and minimising insect pressure and the need for follow-up sprays.
- ▶ Group 7C mode of action, interfering with reproduction and development of target insects, reducing the population over time.

Application methods

Ground rig boom spraying equipment and aerial.*

GROUP	7C	INSECTICIDE
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Harvest WHPs

Cotton: 28 days after application

Fruiting Vegetables: 1 day after application

Citrus, Leafy Lettuce and Sweet

Potatoes: 7 days after application

Mangoes: 4 weeks after application

Olives: 7 days after application

Grazing WHPs

Do not graze treated crop or cut for stockfeed

*Refer to label for full list of application methods

Crops and insects controlled

Cotton, Cucurbits*, Leafy Lettuce and Sweet Potatoes

Silverleaf Whitefly

Fruiting Vegetables* and Nursery Stock*

Silverleaf Whitefly, Greenhouse Whitefly and Tomato Potato Psylid

Citrus

Red Scale, Black Scale, Citrus Snow Scale and Cottony Cushion Scale

Mangoes

Mango Scale and Pink Wax Scale

Olives

Black Scale

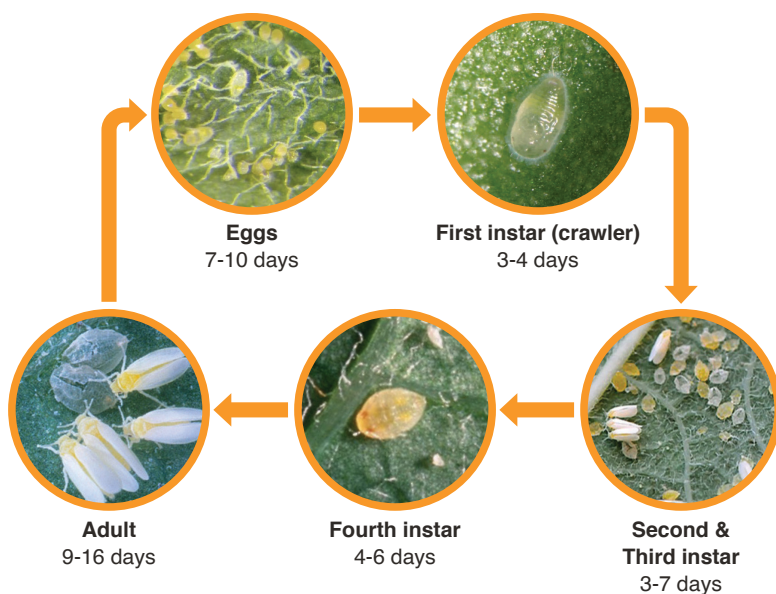
*Refer to label for full list of crops, pests and rates

Patriarch® RMR® Insecticide

Power of PBO

Patriarch® RMR® employs Piperonyl Butoxide (PBO), a well-known synergist that enhances the efficacy of insecticides and miticides whilst being safe to humans and non-target species. PBO works by inhibiting the activity of mixed function oxidase enzymes, increasing sensitivity to the co-formulated insecticide and improving efficacy. Due to the conditioning effect of PBO, the use of Patriarch® RMR® can also improve the efficacy of other insecticides subsequently sprayed in the IPM program.

Silverleaf Whitefly Lifecycle



Source: <https://agriculture.vic.gov.au/biosecurity/pest-insects-and-mites/priority-pest-insects-and-mites/silverleaf-white-fly>

Controlling Silverleaf Whitefly

Controls instars not adults – Due to its lengthy residual control, Patriarch® RMR® controls the progeny of silverleaf whitefly fly-ins. In adults it causes male sterility and inhibits female ovulation (blocks the egg laying in the next cycle).

Ease of Use – Patriarch® RMR® offers early season control when beneficials are present as well as at the end of the season prior to picking, protecting the lint against honeydew produced by silverleaf whitefly.

Power of PBO – PBO reduces their ability to metabolize the pesticides active ingredients, allowing the desired effects of the pesticide to be achieved whilst enhancing the function of the following applications.

For more information on Patriarch® RMR®, visit imtrade.com.au or contact your local Imtrade representative on **1800 171 799**

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