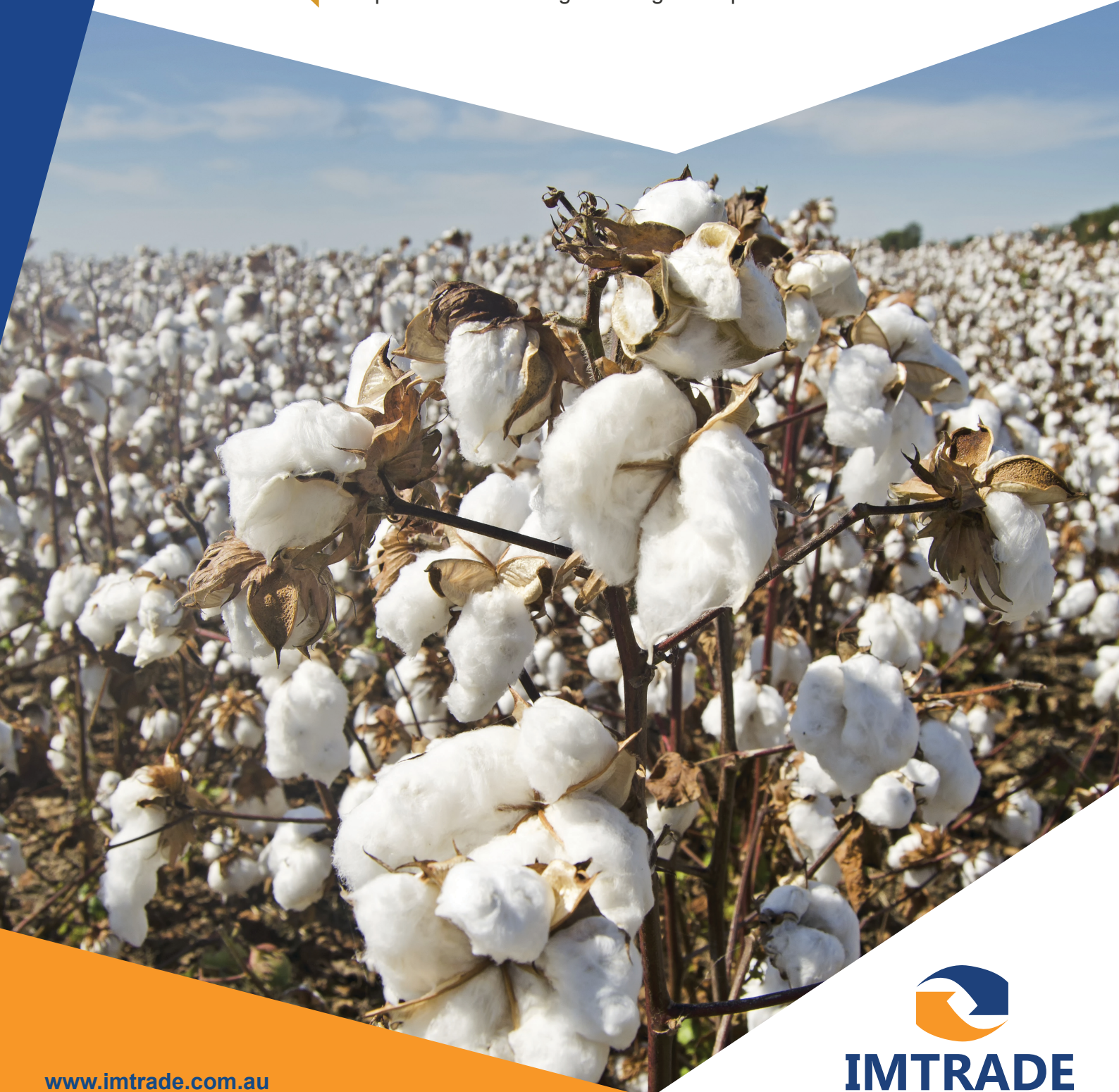




Control of Whitefly & Scale

- ▶ Includes new RMR® technology
- ▶ Proven IPM-friendly active ingredient
- ▶ Enhanced by the power of PBO
- ▶ Unique formulation / high-loading concept





Patriarch® RMR®

Patriarch® is the first addition in Imtrade's new RMR® range. The Resistance Management Regime (RMR®) represents a focus on improving efficacy of existing active ingredients, relied upon in common Integrated Pest Management (IPM) practices. Increased metabolic resistance has industry searching for new solutions and Patriarch® RMR® addresses this problem via a synergist that interrupts an insect's ability to metabolise pesticide. Patriarch® RMR's® unique co-formulation offers superior stability and a favourable safety profile, plus 3x the active concentration of other registered products. The active ingredient, Pyriproxyfen belongs to insecticide group 7C, a juvenile hormone mimic. This acts as an Insecticide Growth Regulator (IGR), interfering with the reproduction and development of target insects, reducing the population levels.

Synergy

Patriarch® RMR® employs Piperonyl Butoxide (PBO), a well-known synergist that enhances the effect 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.

The Product

Patriarch® RMR® is an evolution of currently available Pyriproxyfen (100g/L) Insect Growth Regulators. The stable, homogeneous formulation combines 300g/L of Pyriproxyfen with 300g/L of PBO providing environmental benefits through reduced resource use (labour, energy, water, plastic, carton, others) and lessened demands on storage, handling and transport. For example, a grower with 1,000ha of cotton would require only 167L of Patriarch® RMR®, compared to 500L of Pyriproxyfen (100g/L) at label rates. In addition, in the case of a re-seller servicing 20,000ha of cotton territory, only 3,350L of Patriarch® RMR® would be required versus 10,000L of pyriproxyfen (100g/L). With storage space, transport and handling important considerations in modern farming practices, Patriarch® and the RMR® product range are transforming the landscape.



Scan this code with your phone to view product label



For more information on Patriarch® RMR®, visit [imtrade.com.au](https://www.imtrade.com.au) or contact your local Imtrade representative on **1800 171 799**