

The background of the top half of the page is a close-up photograph of several green macadamia nuts hanging from a tree. The nuts are round and have a slightly textured surface with some small white specks. They are attached to a dark brown, textured tree trunk. The background is blurred, showing more of the tree and some green foliage.

Defend *your macs* from the felted coccid

One pest, one season, long consequences

Invasive outbreak

MFC emerged as the third major pest in 2025. Colonies establish unnoticed, sheltering from typical sprays. Infestations escalate before visible symptoms can alert farmers.

System fragility

Dense plantings, shared logistics and labour movement allow MFC to move quickly between orchards, turning isolated occurrences into regional biosecurity risks.

Delayed costs

Yield losses, declining tree health and rising control costs compound with every season that MFC remains unmanaged, increasing long-term management expenses.

DynaFog

Smarter pest control

DynaFog – ULV Solution is a ready-to-use insecticide formulated specifically for fogging applications in macadamia orchards. Designed for **drone-based** and **thermal fogging** systems, it delivers fine, stable droplets that penetrate dense canopies and reach sheltered macadamia felted coccid populations efficiently.

- **No dilution** required — consistent, error-free application.
- Its bio-oil formula was optimised for rapid orchard coverage with **minimal water, labour and downtime**.



Chemistry meets coverage

Macadamia felted coccid presents a unique challenge due to the narrow range of effective registered control options and the pest's ability to avoid contact with conventional sprays. Drone-based fogging with DynaFog – ULV Solution delivers **immediate knockdown, short harvest intervals** and predictable results, without the delays, dilution errors or water limitations associated with traditional spray programs.



Built for modern orchards

Fogging with drones reduces labour hours, fuel use and operator exposure while achieving **consistent** and **targeted coverage**, regardless of terrain. It enhances IPM performance by increasing target exposure via improved droplet flotation and contact time, with low volatility contributing to **reduced off-target contamination**.



Control the pest, protect the block

SaniChem excels in specialised chemical solutions and advanced tech for over 20 years, focusing on insect and microorganism control for a healthier, more productive world. Across global sectors, we innovate sustainably, ensuring your success. Partner with SaniChem, where your operations' protection and enhancement is our purpose.