PROTECT YOUR ORCHARDS. PROTECT THE INDUSTRY.

FARM BIOSECURITY

For every worker and visitor.

SAMAC
Macadamias South Africa NPC

WHY IT MATTERS

Biosecurity starts before you enter the orchard. Visitors, vehicles, clothing, tools and plant material can all be pathways for pest and disease movement. Follow biosecurity protocols to safeguard your orchards.

WHEN OFFICIALS VISIT

Where applicable, Department of Agriculture/Plant Health officials may visit farms to monitor quarantine and containment measures. Please allow authorised officers to complete required inspections.

4-STEP BIOSECURITY CHECKLIST FOR EVERY FARM VISIT

Use as a standard procedure for all staff, visitors and service providers.

STEP 1

Arrivals and vehicles

- ☐ Display clear biosecurity signage at farm entrances and keep a visitor register.
- ☐ Visitors arriving from other farms should park in a designated area and use farm transport where required.
- ☐ Clean tyres, wheel wells and undercarriage before entering the orchard.

STEP 2

Boots and clothing

- ☐ Boots and clothing must be free of soil and plant material before entering.
- ☐ Scrub boots with the brush and water, then step through the sanitiser foot bath.
- ☐ Provide protective items such as disposable boot covers or washable overalls where required.

STEP 3

Moving through orchards

IF A KNOWN PEST/DISEASE IS PRESENT, VISIT UNAFFECTED AREAS FIRST AND AFFECTED AREAS LAST, WHERE THIS IS PART OF THE FARM PROTOCOL.

- ☐ Follow the farm's designated movement route and avoid unnecessary contact with plants.
- ☐ Keep clean and affected areas clearly separated where practical.

STEP 4

Tools and equipment

- ☐ Clean tools and machinery regularly.
- ☐ Disinfect equipment using the farm's approved procedure.
- ☐ Do not move potentially affected plant material, tools or equipment between areas unless the farm protocol allows it.
- ☐ Chip and solarise, or burn, all plant material removed due to infestation.

SPECIAL ATTENTION - **Macadamia felted coccid (MFC)**

MFC is a regulated pest in South Africa under the Agricultural Pests Act of 1983 (Control Measures R. 1998, 8 April 2022). Biosecurity measures help prevent its spread between farms and into unaffected areas.

- **MFC spreads between farms through people, vehicles, equipment and plant material: follow the farm's procedure every visit.**
- **Visit unaffected orchards before infested orchards.**
- **Clean boots, clothing, tools and equipment before moving between areas.**
- **Follow the farm's procedure for material removed due to MFC.**
- **Plant Health officers may visit to monitor quarantine and track or confirm MFC.**

"Simple, consistent biosecurity habits on farm make a real difference. They protect the whole industry, not just this farm."

Adapted from the November 2025 MFC research and integrated pest management strategy & *Biosecurity measures on farms* (special edition).