



Nursery Industry Accreditation Scheme Australia

NIASA: **MACADAMIA** NURSERY STOCK SPECIFICATION

Best Management Practice Guidelines
for Macadamia Nursery Stock Production
as an Appendix to the

NIASA BEST MANAGEMENT PRACTICE GUIDELINES



Setting the
Standards

Macadamia Nursery
Stock Specification



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MACADAMIA NURSERY STOCK SPECIFICATION

1 Introduction

Nursery production of high-quality macadamia trees is recognised within Australia and abroad as playing an important role in supporting the macadamia nut production industry.

Purchasers of macadamia nursery stock require assurance that stock purchased meets an industry standard, is true to type, and that appropriate steps have been taken to reduce the chance of introduction of serious pathogens into the production environment.

In order for a production nursery to be eligible to be certified as meeting the Macadamia Nursery Stock Specification, the production nursery **must** be:

- NIASA accredited; **AND**
- be found at audit to have implemented mandatory procedures (indicated through use of the term **must**) within this Appendix to a **Satisfactory standard** (see [Section 9 Auditing for compliance and continual improvement](#) and the [MACADAMIA NURSERY STOCK SPECIFICATION CHECKLIST](#)).

2 General production nursery requirements

The production nursery **must** take steps to mitigate the risk of human assisted entry and spread of plant pathogens into and within the production area. High risk entry pathways include water, growing media, and contamination of production areas through movement of people and equipment, and these therefore require careful attention.

2.1 Water

Irrigation water **must** be managed in accordance with the requirements provided in NIASA Section 1.1.1 Water.

Key requirements – Water

- Water that is obtained from town suppliers, bores free of surface run-off or clean roof catchments does not require disinfestation.
- Other sources of irrigation water (creeks, dams, rivers etc.) **must** be disinfested using an approved NIASA disinfestation procedure.
- Subsequent storage of disinfested/clean water requires facilities and procedures **must** be established and implemented that do not allow for contamination by untreated water, soil, plant debris, dust and animal movement.
- The pH and EC (Electrical Conductivity) of all water sources **must** be checked and recorded at least once per month as even town water supplies can have variations in quality.
- Water from surface supplies, springs, effluents, or water testing positive for the presence of root-rot organisms **must** be disinfested using a NIASA approved method.