



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Scout Macadamia Orchard Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 115832 · NQF Level 2 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to scout macadamia orchards effectively, identifying pests, diseases, and nutritional disorders to ensure optimal crop health and yield. It covers monitoring techniques, data recording, and decision-making for integrated pest management within the South African macadamia industry.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	115832
Accreditation	SAQA Accredited · NQF Level 2 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply scouting methodologies to systematically monitor macadamia orchards for pests, diseases, and physiological disorders.
- Identify key macadamia pests and diseases using morphological features and damage symptoms.
- Record and interpret scouting data to inform integrated pest management decisions.
- Demonstrate knowledge of beneficial organisms and their role in biological control within macadamia ecosystems.
- Evaluate orchard health indicators and recommend appropriate corrective actions.
- Implement safety protocols and sustainable practices during scouting operations.

WHO SHOULD ATTEND

- This course is designed for farm workers, orchard managers, and agricultural technicians involved in macadamia production who need to perform scouting duties as part of integrated pest and crop management.

COURSE OUTLINE

Day 1: Introduction to Macadamia Orchard Management

- Overview of the macadamia industry in SA
- Introduction to unit standard 115832 and learning outcomes
- Orchard layout and design principles
- Macadamia tree physiology and varieties
- Soil types and preparation for orchard establishment
- Basic safety and environmental considerations

Day 2: Orchard Establishment and Tree Care

- Site selection and soil testing
- Planting hole preparation and tree spacing
- Proper planting depth and staking methods
- Irrigation system design for young orchards
- Mulching and weed control around trees
- Nutrient management for establishment phase

Day 3: Pruning, Training, and Canopy Management

- Pruning objectives for macadamia orchards
- Tools and equipment for pruning
- Formative pruning techniques for young trees
- Maintenance pruning of mature trees
- Canopy management for nut production
- Safety procedures during pruning operations

Day 4: Pest, Disease, and Weed Management

- Major macadamia pests: stink bugs, nut borers, and fruit spotting bugs
- Fungal diseases: husk spot, stem canker, and root rot
- IPM principles: monitoring, thresholds, and biological control
- Chemical application safety and record-keeping
- Weed management strategies: mechanical, chemical, and mulching
- Nutrient deficiency identification and correction

Day 5: Harvesting, Post-Harvest Handling, and Record Keeping

- Harvest maturity indicators and testing methods
- Mechanical and manual harvesting techniques
- On-farm drying and dehusking processes
- Storage and transport best practices
- Record keeping for orchard operations
- Overview of quality standards and certification schemes

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **8 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 23,000.00	R 23,000.00
1	In-House	R 29,900.00	R 29,900.00
1	On-Campus (Pretoria)	R 34,500.00	R 34,500.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

- 1. Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 115832) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
- 2. Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
- 3. Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
- 4. Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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