



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

Macadamia Orchard Fertilisation Techniques And Management Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 115829 · NQF Level 1 · 1 Credits · 1 Day

COURSE OVERVIEW

This course equips participants with the knowledge and skills to manage macadamia orchard fertilisation programmes effectively. Learners will understand nutrient requirements, soil analysis, and application techniques to optimise tree health and nut yield. The course also covers environmental sustainability and cost-effective fertilisation strategies.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	115829
Accreditation	SAQA Accredited · NQF Level 1 · 1 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply principles of macadamia tree nutrition to develop site-specific fertilisation programmes.
- Analyse soil and leaf tissue test results to determine nutrient deficiencies and fertiliser requirements.
- Evaluate different fertiliser types and application methods for efficacy and cost-efficiency.
- Implement fertilisation schedules that align with tree phenology and seasonal growth patterns.
- Demonstrate compliance with environmental regulations and best practices for nutrient management.
- Monitor and adjust fertilisation strategies based on orchard performance and yield data.

WHO SHOULD ATTEND

- This course is designed for macadamia orchard managers, farm supervisors, and agricultural advisors who are responsible for fertilisation planning and implementation.
- It is also suitable for agronomists and extension officers seeking specialised knowledge in macadamia nutrition.

COURSE OUTLINE

Day 1: Fundamentals of Macadamia Orchard Fertilisation

- Overview of macadamia production in South Africa and nutritional demands.
- Essential macadamia nutrients: macro (N, P, K, Ca, Mg, S) and micro (Zn, B, Cu, Mn, Fe).
- Soil types and their influence on nutrient availability.
- Sampling techniques for soil and leaf analysis.
- Interpreting analytical reports and calculating fertiliser requirements.
- Fertiliser types: organic, inorganic, slow-release, and fertigation options.
- Timing and application methods (broadcasting, banding, foliar).
- Record keeping and compliance with SAQA unit standard 115829.

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 **1 NQF credits** at **NQF Level 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Mauritius
14 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
18 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE

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 115829) 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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