



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

Pest And Disease Management For Agricultural Crops Training

Agriculture and Nature Conservation / Primary Agriculture

Unit Standard 117957 · NQF Level 1 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, monitor, and manage pests and diseases affecting agricultural crops. Participants will learn integrated pest management (IPM) strategies, safe pesticide application, and record-keeping to minimize crop losses and ensure sustainable production.

Category	Agriculture and Nature Conservation
Subfield	Primary Agriculture
Unit Standard	117957
Accreditation	SAQA Accredited · NQF Level 1 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify common pests and diseases affecting major agricultural crops in South Africa.
- Apply integrated pest management (IPM) principles to develop control strategies.
- Implement safe and effective pesticide application techniques in compliance with relevant legislation.
- Monitor and evaluate pest and disease populations using appropriate sampling methods.
- Demonstrate proper record-keeping and reporting of pest and disease incidents.
- Analyze the economic and environmental impact of pest management decisions.

WHO SHOULD ATTEND

- This course is designed for farm managers, crop advisors, extension officers, and agricultural technicians who are responsible for crop health and pest control in commercial or subsistence farming operations.

COURSE OUTLINE

Day 1: Foundations of Pest and Disease Management

- Introduction to pest and disease management
- Integrated pest management (IPM) principles
- Identification of common agricultural pests (insects, mites, nematodes)
- Identification of common plant diseases (fungal, bacterial, viral)
- Pest and disease life cycles and damage symptoms
- Monitoring and scouting techniques
- Economic thresholds and decision-making
- Record-keeping for pest and disease observations

Day 2: Control Strategies and Practical Application

- Biological control: natural enemies and biopesticides
- Cultural control: crop rotation, sanitation, resistant varieties
- Chemical control: pesticide groups, modes of action, and resistance management
- Safe pesticide handling, storage, and disposal
- Calibration of application equipment
- Developing an IPM plan for a selected crop
- Case studies: pest outbreaks and management responses
- Review and assessment of course outcomes

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

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Durban, 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 117957) 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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