



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

Identifying Crop Pests Diseases And Weeds In Agriculture Training

Agriculture and Nature Conservation / Primary Agriculture

Unit Standard 116204 · NQF Level 1 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the skills to identify common crop pests, diseases, and weeds in agricultural settings. It covers the impact of these threats on crop yields and quality, and provides foundational knowledge for implementing integrated pest management strategies. The course is designed to support sustainable agricultural practices and improve farm productivity.

Category	Agriculture and Nature Conservation
Subfield	Primary Agriculture
Unit Standard	116204
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 crop pests, diseases, and weeds using visual characteristics and damage symptoms.
- Apply integrated pest management principles to select appropriate control methods.
- Analyze the economic and environmental impact of pest, disease, and weed infestations.
- Demonstrate safe handling and application of control measures in compliance with health and safety regulations.
- Evaluate the effectiveness of control strategies and adjust management plans accordingly.
- Implement monitoring and record-keeping practices to track pest, disease, and weed populations.

WHO SHOULD ATTEND

- This course is ideal for farm workers, crop farmers, agricultural extension officers, and anyone involved in crop production who needs to recognize and manage pests, diseases, and weeds effectively.

COURSE OUTLINE

Day 1: Foundational Concepts of Crop Pests, Diseases, and Weeds

- Introduction to integrated pest management (IPM) principles.
- Classification of crop pests: insects, mites, nematodes, and rodents.
- Common crop diseases: fungal, bacterial, viral, and abiotic disorders.
- Weed identification: grasses, broadleaves, and sedges.
- Life cycles and favourable conditions for pest and disease development.
- Scouting methods: field walks, sampling, and use of monitoring tools.
- Record-keeping and reporting of observations.
- Safety and environmental considerations when identifying pests, diseases, and weeds.

Day 2: Advanced Identification and Integrated Management Strategies

- Use of identification guides, apps, and laboratory services.
- Economic injury levels and action thresholds.
- Cultural control methods: crop rotation, sanitation, resistant varieties.
- Biological control: beneficial insects, pathogens, and antagonists.
- Chemical control: pesticide groups, modes of action, and resistance management.
- Case studies: common pests (e.g., fall armyworm), diseases (e.g., rusts), and weeds (e.g., nutsedge).
- Developing a monitoring and action plan for a specific crop.
- Review of regulatory requirements and record-keeping for pesticide use.

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	Durban, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
17 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 116204) 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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