



## Deltatrax Projects – Accredited Training Provider

Deltatrax Projects is an accredited training institution, registered with AgriSETA and the QCTO (Quality Council for Trades and Occupations). We provide specialized training aligned with national standards, empowering learners with practical skills in pest control, vegetation management, and agrochemical safety. All training is outcomes-based and meets SAQA qualifications. We offer flexible online learning options and group sessions, which can be arranged upon request to suit organizational needs.

## Training Modules Offered:

1. Public Health and Safety (Agrochemicals) – Compulsory Module
2. Weed Control – Industrial and Commercial
3. Alien Vegetation Management
4. Aerial Application Operations
5. Plant, Pests and Diseases
6. Structural, Health and Nuisance Pests
7. Termites and Wood Destroying Organisms
8. Poultry Production
9. Fumigation
10. Hydroponics ( Unaccredited module that is aligned with SAQA)
11. Beekeeping (Unaccredited module that is aligned with SAQA)

### Flexible Learning | Request a Quote

All training is nationally recognized and designed to support learners in theoretical knowledge.

✓ Available through online learning or personalized group sessions by request to suit organizational needs.

✉ Contact us today to request a customized quote for your organization or individual training needs.

-Group discounts are available

Health  
is wealth

## 1. Public Health and Safety – Agrochemical Use

SAQA 49052

NQF Level: 3

Unit Standards: 244073/ 116065 / 116125 (13Credits)

### Overview

This module provides learners with comprehensive knowledge and practical skills for the safe handling, application, and management of agrochemicals in agricultural settings. It promotes responsible chemical use to safeguard human health, crops, animals, and the environment, aligning with national public health and agricultural standards.

### Learner Outcomes:

- Identify different types of agrochemicals and understand their uses and risks.
- Apply chemicals safely using correct equipment and protective clothing (PPE).
- Monitor and control weed infestations using appropriate agrochemical methods.
- Interpret product labels, dosage instructions, and hazard symbols.
- Implement storage, disposal, and spill response procedures in line with legislation.
- Promote awareness of chemical risks to people, water, soil, and non-target organisms.
- Contribute to farm-level compliance with public health and environmental regulations.

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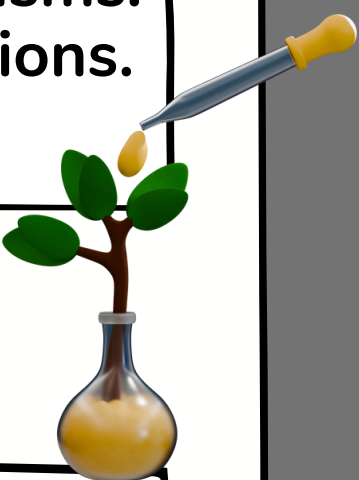
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Weed Control is available as a standalone module. If you wish to purchase Alien Vegetation Management, it must be bought as a bundle that includes Weed Control.

## 2. Weed Control – Industrial and Commercial



SAQA 49052  
NQF Level: 4

Unit Standards: 116125 / 116065 /119694 (12Credits)

### Overview

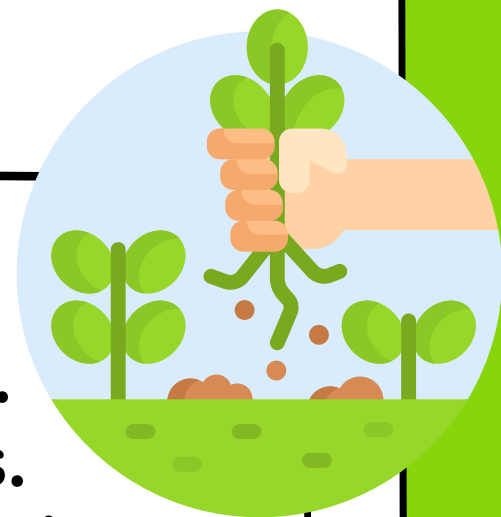
This module contributes to the following SAQA-registered qualifications:

- National Certificate: Plant Production – SAQA ID 49052
- National Certificate: Mixed Farming Systems – SAQA ID 48972

This module equips learners with practical and theoretical knowledge of weed identification, control strategies, and the safe use of herbicides. It promotes responsible chemical application, environmental awareness, and improved crop health through effective weed management.

### Learner Outcomes:

- Identify common weed species and understand their life cycles.
- Assess weed pressure and select appropriate control measures.
- Safely mix and apply herbicides manually, using correct PPE and calibration.
- Follow herbicide label instructions and environmental best practices.
- Monitor weed control effectiveness and adjust strategies accordingly.



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## 3. Alien Vegetation Management

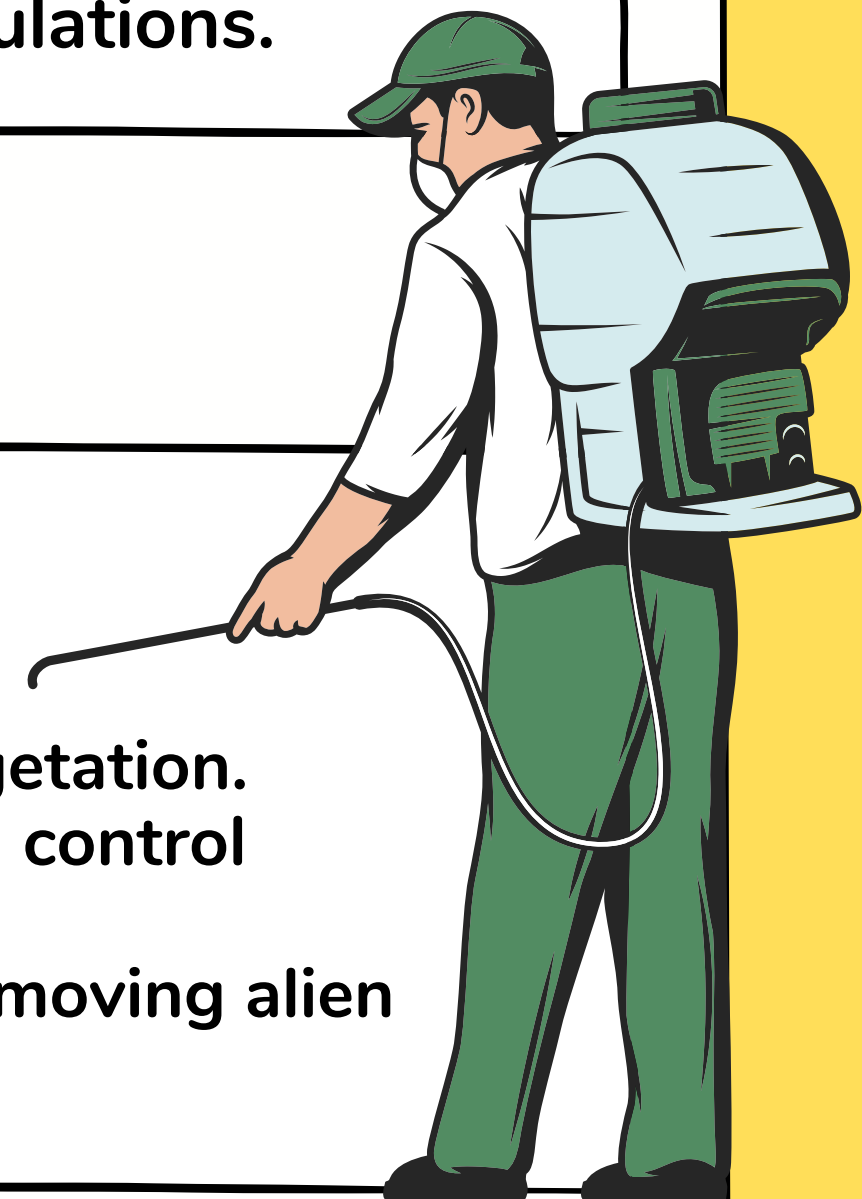
SAQA: 48972  
NQF Level: 4  
Unit Standards: 264274 / 116119 (9 Credits)

### Overview

This module equips learners with the skills and knowledge needed to identify invasive alien plant species and apply suitable removal and control methods. It emphasizes environmental stewardship, biodiversity conservation, and compliance with South African environmental regulations.

### Learner Outcomes:

- Identify and classify invasive alien plant species.
- Understand environmental and economic impacts of alien vegetation.
- Select and apply appropriate mechanical, chemical, or manual control methods.
- Follow health, safety, and environmental regulations when removing alien plants.



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## 4. Aerial Application Operations

SAQA: 49010  
NQF Level: 5  
Unit Standards: 116328 (14 Credits)

### Overview

This unit standard forms part of the core component of the National Certificate in Plant Production (ID 49010). It equips learners with the knowledge and practical competencies required to safely and effectively apply crop protection and/or production chemicals using aerial application techniques.

### Learner Outcomes:

- Understanding the principles and practices of aerial chemical application.
  - Preparing for aerial application in compliance with legal and safety requirements.
  - Monitoring weather conditions and their impact on aerial spraying.
  - Coordinating with the pilot and ground team to ensure effective and safe operations.
  - Managing application records, calibration, and chemical mixing processes.
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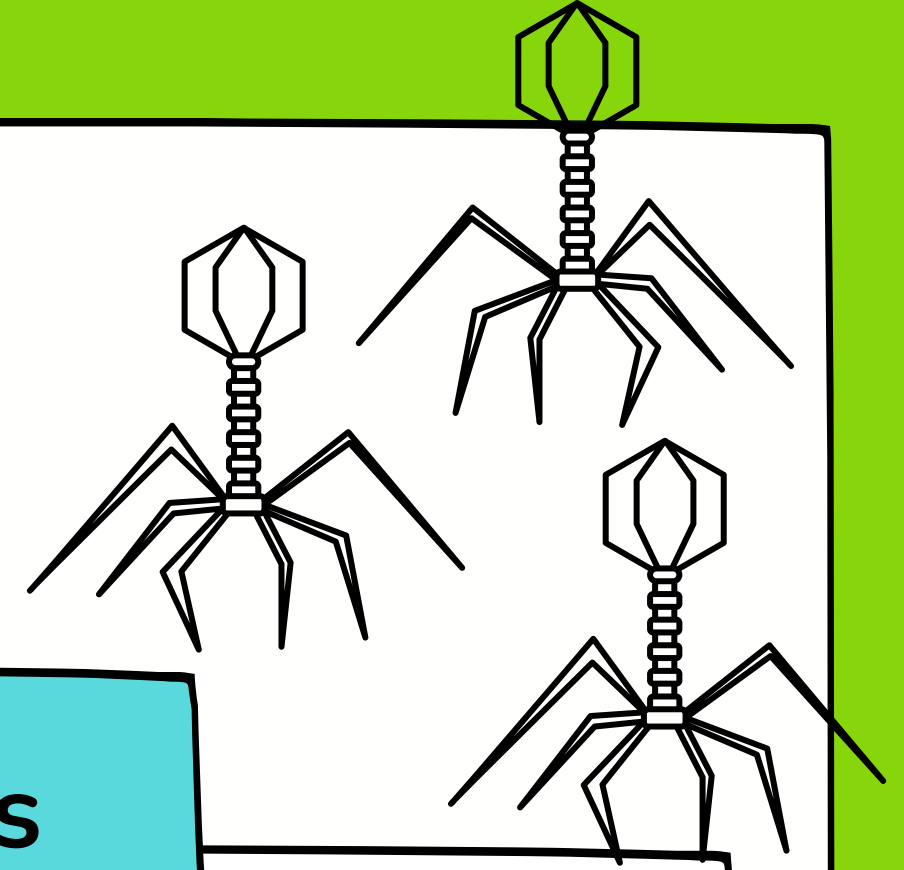
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## 5. Plant Pest and Diseases

SAQA: 49052  
NQF Level: 4  
Unit Standards: 116204 / 116124 / 116265 (9 Credits)

### Overview

This module provides a progressive learning pathway in plant protection. Starting with the identification of common pests, diseases, and weeds, learners advance to monitoring and applying control measures, culminating in assessing and managing plant health threats comprehensively. The focus is on practical skills and sustainable pest management approaches relevant to mixed farming, animal, and plant production systems.

### Learner Outcomes:

- 
- Identify common pests, weeds, and diseases affecting crops.
  - Understand pest life cycles and signs of infestation.
  - Implement routine monitoring and threshold-based control methods.
  - Apply basic to advanced Integrated Pest Management (IPM) practices.
  - Manage and assess pest control interventions and outcomes.

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## 6. Structural, Health and Nuisance Pests

SAQA: 49052

NQF Level: 4

Unit Standards: 116429 / 116301 / 116124 (15 Credits)

### Overview

This module provides learners with the necessary skills and knowledge to manage structural, health-related, and nuisance pests effectively and safely. It includes monitoring pest activity, applying appropriate control methods, and ensuring compliance with health and safety regulations in domestic, industrial, and agricultural environments.

### Learner Outcomes:

- Monitor pest activity in buildings and surrounding environments.
- Apply preventative and corrective pest control techniques.
- Recognize health and hygiene risks posed by common pests.
- Comply with pest control legislation, labels, and safety protocols.
- Report and document pest sightings and control actions accurately.

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## 7. Termites and Wood Destroying Organisms

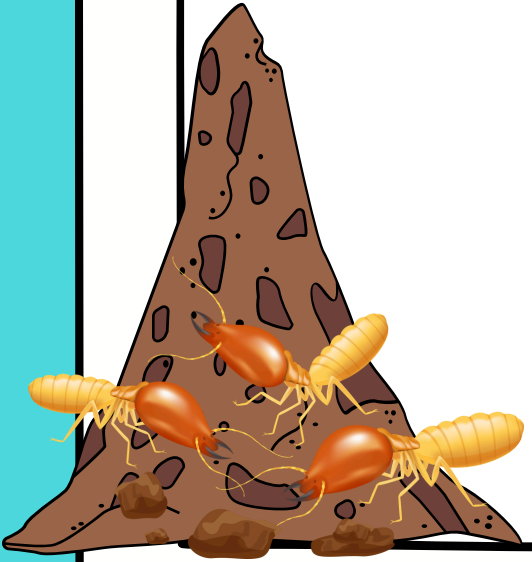


SAQA: 49052  
NQF Level: 4  
Unit Standards: 116301 / 116429 (13 Credits)

### Overview

This module focuses on the identification, monitoring, and control of termites and other wood-destroying organisms in both structural and agricultural contexts. It covers preventative practices, treatment application, safety procedures, and environmental protection.

### Learner Outcomes:

- 
- Identify signs and species of termites and WDOs.
  - Understand conditions conducive to termite infestation.
  - Apply preventative and remedial treatments appropriately.
  - Protect wooden structures and crops while ensuring environmental safety.
  - Implement monitoring plans and treatment reports in compliance with regulations.

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## 8. Poultry Production

SAQA: 49011  
NQF Level: 4  
Unit Standards: 119483/119452/119490/119437

### Overview

The Poultry Production Module is designed to equip learners with the essential knowledge and practical skills required to manage and operate successful poultry systems. Whether you are new to the industry or enhancing existing skills, this module provides a strong foundation for understanding key production principles used in South Africa and globally.

### Learner Outcomes:

- Apply correct housing and environmental control techniques
- Implement effective feeding and health management programmes
- Identify and prevent common poultry diseases
- Manage broilers or layers through their full production cycle
- Maintain accurate production records
- Understand the basics of marketing and running a profitable poultry operation

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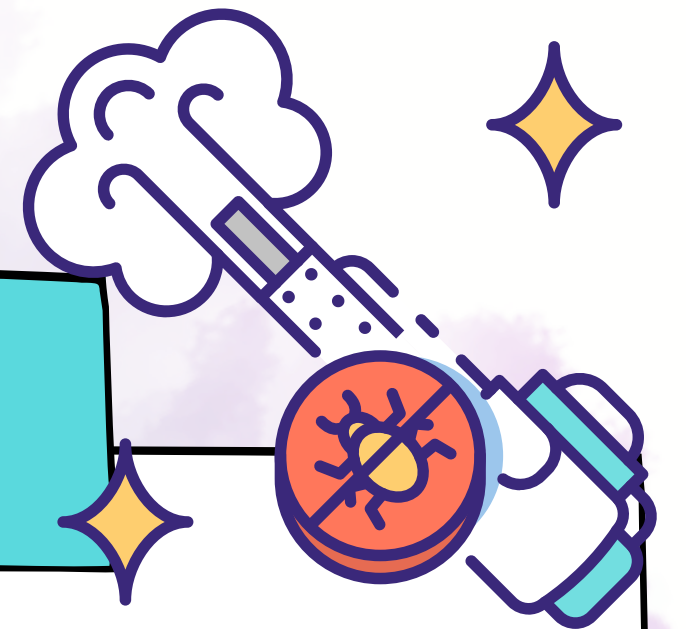
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## 9. Fumigation

NQF Level: 4

Unit Standards: 116301/8168/116429/116520/123376



### Overview

The Fumigation Module equips learners with the specialist knowledge and practical skills needed to perform safe, effective, and compliant fumigation operations. This module is designed for individuals working in structural, commodity, or quarantine fumigation environments and focuses on legal compliance, product understanding, and workplace safety.

### Learner Outcomes:



- Understand fumigants and legal requirements
- Inspect sites and assess infestations accurately
- Calculate correct dosages and sealing requirements
- Apply fumigants safely and legally
- Monitor fumigation progress and effectiveness
- Conduct proper aeration and clearance
- Complete required documentation professionally

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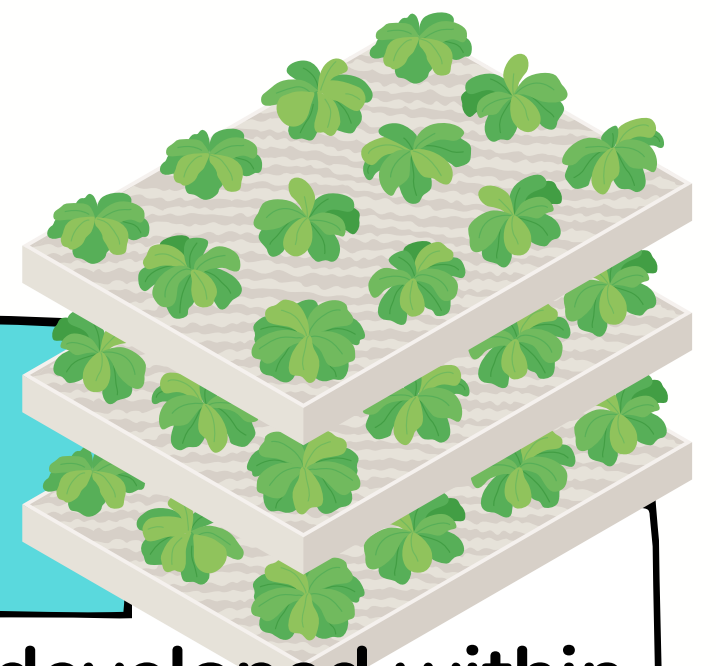
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## 10. Hydroponics

This is an unaccredited training module. However, it is developed within the framework of SAQA unit standards to support alignment with national agricultural training practices.

### Overview

This module introduces learners to hydroponic systems and practices in soilless plant production. It focuses on sustainable farming methods, resource efficiency, and practical implementation across a range of hydroponic setups. The training supports agricultural skills development through contextual learning aligned with the outcomes of SAQA-based programs.

### Learner Outcomes:

- Understand the principles and benefits of hydroponic farming.
- Identify different types of hydroponic systems and select appropriate setups.
- Prepare and manage nutrient solutions suitable for targeted crops.
- Establish, monitor, and maintain healthy plant growth in soilless media.
- Evaluate and control environmental conditions (pH, EC, temperature, humidity).
- Identify and address common production challenges in hydroponics.
- Apply good agricultural and hygiene practices in system operation.

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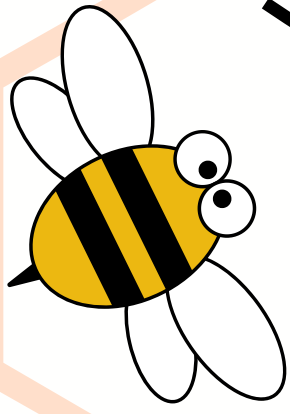
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## 11. Beekeeping

This is an unaccredited training module. However, it is structured within the framework of SAQA unit standards to promote alignment with national agricultural education practices.

### Overview

This module introduces learners to the basics of beekeeping, including bee biology, hive maintenance, honey harvesting, and sustainable apiary practices. It is designed to develop foundational skills for learners interested in small-scale beekeeping, agricultural diversification, or commercial honey production. The content aligns with SAQA-relevant themes in plant production and natural resource management.

### Learner Outcomes:



- Explain the importance of bees in agriculture and pollination.
- Identify different types of bees and their roles within the hive.
- Select appropriate sites and equipment for establishing a beehive.
- Perform routine hive inspections and maintain bee colony health.
- Understand seasonal management practices and honey flow periods.
- Harvest and process honey and beeswax responsibly and hygienically.
- Apply safety and environmental practices in beekeeping.

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## Obtaining Your P-Number (Pest Control Operator Registration)

To legally apply agrochemicals as a pest control operator in South Africa, you must be registered under Act 36 of 1947 (Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act), which governs the use, handling, and application of agrochemicals.

## How to Get Your P-Number:

- Apply through the Department of Agriculture, Land Reform and Rural Development (DALRRD).
- Download the registration form from the [DALRRD website](#) or request it directly from us during your training enrollment.
- Submit your completed form along with:
  - Certified ID copy
  - Proof of training completion from Deltatrax Projects
  - Proof of practical experience

## Categories on the Registration Form:

You will need to select the relevant field(s) on your registration form. Categories include:

- Aerial Application
  - Agricultural and Forestry
  - Industrial Vegetation and Noxious weeds
  - Landscape
  - Structural
  - Fumigation
  - Supplemental and/or remedial treatment
- We will guide you on selecting the correct category based on your training module(s).

## How Long Does It Take?

The application process can take 4 to 6 weeks, depending on submission volumes and verification by DALRRD.

## Practical Requirements:

- Learners are required to complete a minimum of 20 sites (6 months) supervised practical assessments for each module.



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All training is nationally recognized and designed to equip learners with both practical and theoretical knowledge in compliance with South African regulatory frameworks.

✓ Flexible learning options include:

- Online training via our DTRAX Learning Platform – ideal for individuals who prefer remote, self-paced study.
- Satellite training – available at a location near you.
- On-site training at our premises – for structured, group-based learning.

✉ Contact us today to request a customized quote tailored to your organization or individual needs.

## Stay Compliant – Train with Deltatrax



By completing your training with Deltatrax Projects and obtaining your P-Number, you meet all legal and industry requirements to operate under Act 36 of 1947. Whether you're working independently or for a pest control business, we ensure you're ready for safe, compliant, and effective agrochemical application.

