

Aerial Application Course

Course Structure

This five-day contact course has been structured into skills programmes, which cover a number of SAQA Unit Standards.

Course Content

1. Biology and chemistry
2. Legal and regulatory aspects
3. Effective application: Physical and meteorological considerations
4. Environmental consideration
5. Effective and responsible flying skills
6. Spraying performance of the aircraft and technological modifications
7. Effective and responsible preparation of spray mixtures
8. Emergencies
9. Post-operational practices

Course dates and costs are available on request and are dependent on the number of enrolments.

Contact

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Or visit the website www.croplife.co.za

CropLife 
SOUTH AFRICA SUID-AFRIKA



CropLife SA Training Courses

CropLife South Africa offers two AgriSETA accredited training courses at various intervals during a calendar year.

Basic Crop Protection Course

- Five-month online course
- Available in English and Afrikaans

Aerial Application Course

- Five-day contact course with a practical element

Registration

Registration opens approximately a month before the course start date by means of a registration link on www.croplife.co.za.

Basic Crop Protection Course

Who Should Enrol?

The Basic Crop Protection course provides an overview of the crop protection industry and aims to set a minimum standard for people active in the industry.

The following individuals will benefit from the course:

- Employees of companies that operate in the crop protection industry
- Pest Control Operators
- Producers
- People who have completed the previous, non-accredited AVCASA course, in order to refresh their knowledge and achieve accreditation

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SAQA Unit Standards

The South African Qualification Authority (SAQA) has a set of Unit Standards (US) that describe the specific learning outcomes that need to be achieved during the learning process, as well as the assessment criteria against which a learner is assessed in order to be certified as competent against the specific unit standard.

E-Learning

The course is presented as an e-learning course and course material is made available electronically.

The examination is also conducted online.

Course Content

1. Plants

- 1.1 Introduction to plants
- 1.2 Plant cells
- 1.3 Germination of seeds
- 1.4 Roots and stems
- 1.5 Leaves
- 1.6 Flowers and fruits

2. Pests and Weeds

- 2.1 Insects
- 2.2 Nematodes
- 2.3 Plant disease
- 2.4 Weeds
- 2.5 Damage assessment
- 2.6 Monitoring

3. Application

- 3.1 Agricultural data
- 3.2 Storing and transporting
- 3.3 Legal, regulatory, safety and health
- 3.4 Emergencies
- 3.5 Pre-application plan
- 3.6 Mixing
- 3.7 Application
- 3.8 Post application procedures
- 3.9 Monitoring and reports

4. Integrated Pest Management (IPM)

- 4.1 The crop protection industry in perspective
- 4.2 The principals of integrated pest management
- 4.3 Identify beneficial and problem organisms in crop production
- 4.4 Control measures
- 4.5 Resistance
- 4.6 Information resources
- 4.7 Regulatory environment