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 courses in order to refresh their knowledge and achieve accreditation
Course Structure
The course has been structured into skills programmes, which cover a number of SAQA Unit Standards.

SAQA Unit Standards
The South African Qualification Authority (SAQA) has a set of Unit Standards (US) that describe the specific learning outcomes that needs 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.

Cost
R6 800 ex VAT per person.

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

You will have access to:
• Notes containing the theory and can be downloaded in pdf format.
• Multiple choice tests for self-study to ensure that you understand the work and to help with exam revision. These tests may be done as many times as you want and are marked immediately by the software upon submission.
• Activities: These include assignments which contain practical questions entailing the application of theory.
• Links to recommended online videos.
• Historic examination papers.

For course conditions, visit www.croplife.co.za and click on the training tab.
Course Content

1. PLANTS
Demonstrate a basic understanding of the physiological functioning of the anatomical structures of the plant in relation to its environment.
  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
Recognise, control and monitor pests, diseases and weeds on all crops effectively and responsibly.
  2.1 Insects
  2.2 Nematodes
  2.3 Plant disease
  2.4 Weeds
  2.5 Damage assessment
  2.6 Monitoring

3. APPLICATION
Monitor, collect and collate agricultural data; store and apply crop protection products effectively and responsibly.
  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)
Apply effective and responsible integrated pest-, disease- and weed control.
  4.1 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
The next course will run from 10 February to 30 June 2019. Enrolment opens 10 January 2019. A registration link will be available on www.croplife.co.za in the training tab once enrolment has opened.

For assistance with enrolment, contact Hester Jordaan at jordaanhh@gmail.com

AVCASA is an accredited Training Service Provider with the AgriSETA (Accreditation number: AGRI/c prov/0510/14)