



# CONSERVATION AGRICULTURE TRAINING

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**LOCATION:** ARC-INSTITUTE FOR SOIL, CLIMATE AND WATER, Pretoria, RSA  
**SCHEDULED DATES:** On request  
**COURSE FEE:** Request a quote  
**COURSE DURATION:** Five (5) days (if the complete soil course is presented add another 3 days)  
**BOOKS AND MANUALS:** Course manual included fee

## COURSE DESCRIPTION & OUTLINE

To provide training on the principles of conservation agriculture

- Introduction to CA
- How to implement CA
- Planting following CA principles
- Integrated Pest and Disease Management
- Nutrient Management
- Soil Course
- Crop Rotation and Intercropping

### LEARNING OUTCOMES

- Know and understand what conservation agriculture entails
- Be able to name the advantages and disadvantages of conservation agriculture
- Be able to identify the different no-tillage implements and their uses
- Know and understand the relationship between soil fertility and plant health
- Be able to understand what is required for optimal plant growth and the efficient use of fertilizers
- Know and understand the difference between crop rotation and intercropping
- Be able to provide technical assistance on initiation of conservation agriculture to farmers
- Know why it is important to manage crop residue
- Be able to name the characteristics of a weed
- Know the different weed control methods
- Be able to implement conservation agriculture
- Be able to understand what crop rotation and intercropping entail
- Know how to collect soil samples
- Be able to determine if you have enough crop residue on your land
- Be able to recognize crop damage symptoms caused by pests and diseases

**WHO SHOULD ATTEND?** Entrepreneurs, Farmers and Extension Officers

**DELIVERY MODE:** Presentation, Practical

**ENTRY REQUIREMENTS:** Read and write