# Organic Arable Farming: Sustainable Crop Production Mastery

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Cape Town (South Africa)



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Ref: 20262466_200837 Duration: Cape Town (South Africa) Fees: 4200 GBP

## Course Description

This intensive 1-week course provides a comprehensive introduction to organic arable farming practices. Participants will learn essential techniques for sustainable crop production, including soil management, crop rotation, pest and disease control, and organic certification processes. The course combines theoretical knowledge with practical applications to equip farmers with the skills needed for successful organic arable farming.

## Learning Objectives

- Understand the principles and benefits of organic arable farming
- Master soil fertility management and crop rotation techniques
- Develop strategies for effective pest and disease control in organic systems
- Learn about organic certification requirements and processes
- Gain practical skills in sustainable crop production methods

## Course Modules

### Day 1: Introduction to Organic Arable Farming

- Principles and benefits of organic farming
- Organic certification process and standards
- Transitioning from conventional to organic farming
- Market opportunities for organic crops

### Day 2: Soil Health and Fertility Management

- Understanding soil structure and organic matter
- Composting and green manure techniques
- Nutrient cycling and management
- Soil testing and analysis

### Day 3: Crop Rotation and Diversity

- Designing effective crop rotations
- Cover crops and their benefits
- Intercropping and companion planting
- Managing crop residues



### Day 4: Pest and Disease Management

- Integrated pest management strategies
- Biological control methods
- Cultural practices for disease prevention
- Organic-approved pest control products

### Day 5: Sustainable Practices and Farm Management

- Water conservation techniques
- Energy efficiency in organic farming
- Record-keeping and farm planning
- Marketing organic produce

## Practical Wins for Participants

- Develop a customized organic crop rotation plan
- Create a comprehensive soil fertility management strategy
- Design an integrated pest management program for organic crops
- Prepare an action plan for organic certification

