Training Course on Organic Crop Production: Advanced Certification and Compliance

Professional Development Training Course Outline

Category	Agriculture	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Organic crop production is rapidly gaining momentum as global markets shift toward sustainable, chemical-free, and health-conscious food systems. Training Course on Organic Crop Production: Advanced Certification and Compliance is designed for agricultural professionals, farm owners, agribusiness experts, and compliance officers seeking in-depth knowledge on organic farming certification, advanced crop management techniques, and compliance with international organic standards. The course integrates practical insights with theoretical knowledge to support participants in transforming their operations to meet eco-friendly, regenerative, and profitable organic agriculture practices.

Participants will explore the latest in organic soil management, pest control strategies, certification pathways, and post-harvest handling. In-depth case studies and compliance checklists will prepare learners to navigate organic certification audits, implement record-keeping systems, and optimize production while meeting environmental and market expectations. The curriculum is tailored to enhance resilience, productivity, and global competitiveness in organic crop production.

Programme Curriculum

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Course Objectives

1. Understand the principles of organic agriculture and its environmental and economic benefits.
2. Explore advanced organic soil fertility management techniques for sustainable yields.
3. Analyze organic pest and disease control practices using natural solutions.
4. Master organic crop rotation planning to enhance biodiversity and soil health.
5. Evaluate organic composting systems for closed-loop farming.
6. Interpret organic certification standards (USDA, EU, IFOAM).
7. Implement traceability and compliance documentation systems.
8. Understand organic input sourcing and material compliance.
9. Design effective post-harvest handling systems for organic produce.
10. Integrate climate-smart agriculture into organic crop production.
11. Apply regenerative farming practices in organic systems.
12. Prepare for organic audit inspections and risk management.
13. Leverage organic market access and global trade opportunities.

Target Audiences

1. Organic farm managers
2. Agribusiness entrepreneurs
3. Agricultural extension officers
4. Food safety auditors
5. Sustainability consultants
6. Agricultural researchers
7. Environmental policy makers
8. Agri-input suppliers

Course Duration: 10 days

Course Modules

Module 1: Principles of Organic Agriculture

- Historical development of organic farming
- Ecological and ethical foundations
- Differences between organic and conventional farming
- Legal definitions and terminology
- Core organic standards (USDA, EU, etc.)
- **Case Study: Transitioning a Conventional Farm to Organic in Kenya**

Module 2: Organic Soil Fertility Management

- Soil testing and analysis in organic systems
- Use of cover crops and green manures
- Natural amendments (compost, rock dust, etc.)
- Enhancing microbial activity
- Avoiding synthetic fertilizers
- **Case Study: Compost-based Fertility Plan for a Maize Farm**

Module 3: Organic Pest and Disease Management

- Integrated pest management (IPM)
- Botanical pesticides and biological control
- Pest-resistant crop varieties
- Monitoring and control thresholds
- Record-keeping and legal compliance
- **Case Study: Neem-based Pest Control in Organic Tomatoes**

Module 4: Crop Rotation and Diversification

- Benefits of crop rotation
- Planning long-term rotation systems
- Managing pests and nutrients with rotation
- Intercropping and polycultures
- Data tracking for effectiveness
- **Case Study: Four-Year Rotation Plan for an Organic Farm**

Module 5: Organic Composting Techniques

- Types of composting systems (windrow, pit, vermicomposting)
- Compost feedstock selection
- Monitoring temperature and moisture
- Compost maturity indicators
- Application rates and timing
- **Case Study: On-Farm Vermicomposting for Soil Health**

Module 6: Organic Certification Overview

- USDA NOP, EU Organic Regulation, IFOAM standards
- Certification bodies and their roles
- Certification process steps
- Application documentation
- Inspection procedures and timelines
- **Case Study: Achieving USDA Organic Certification for a Mixed Crop Farm**

Module 7: Record-Keeping and Documentation

- Essential records (input logs, harvest logs, sales records)
- Using digital platforms for compliance
- Internal audit preparation
- Archiving and data security
- Reporting to certification bodies
- **Case Study: Digital Record-Keeping for a Certified Organic Farm**

Module 8: Sourcing Organic-Compliant Inputs

- Identifying approved inputs
- Input supplier verification
- Storage and labeling practices
- Avoiding cross-contamination
- In-field traceability
- **Case Study: Managing Inputs for a Certified Horticulture Operation**

Module 9: Post-Harvest Handling of Organic Produce

- Sanitation practices for organic standards
- Packaging and labeling for compliance

- Storage and transportation
- Preventing contamination
- Cold chain management
- **Case Study: Post-Harvest Logistics for Organic Mango Exporters**

Module 10: Regenerative Practices in Organic Farming

- Soil carbon sequestration
- Agroecology and permaculture integration
- Reduced tillage methods
- Biodiversity enhancement
- Long-term ecosystem planning
- **Case Study: Integrating Agroforestry in an Organic Vegetable Farm**

Module 11: Climate-Smart Organic Farming

- Climate risk assessment in organic systems
- Resilient crop selection
- Efficient water management
- Renewable energy on organic farms
- Carbon footprint tracking
- **Case Study: Climate-Smart Innovations on an East African Organic Farm**

Module 12: Organic Standards and Audit Preparation

- Internal pre-audit checklists
- Addressing non-compliance issues
- Building audit readiness culture
- Engaging staff in compliance
- Audit scenario simulations
- **Case Study: First-Time Audit for an Organic Exporter**

Module 13: Organic Business Planning and Marketing

- Business model development
- Niche market identification
- Branding and certification labeling
- Organic e-commerce platforms
- Funding and grant sources
- **Case Study: Marketing Organic Herbs in the GCC Market**

Module 14: Accessing Organic Markets and Export Channels

- International trade requirements
- Export certifications (GlobalG.A.P., Fair Trade)
- Building buyer relationships
- Export logistics
- Risk management in exports
- **Case Study: Exporting Organic Avocados to the EU**

Module 15: Innovation and Technology in Organic Farming

- Use of drones and IoT in organic farms
- Mobile apps for compliance
- E-extension services
- Blockchain for organic traceability

- AI in pest prediction
- **Case Study: Tech Integration in a Tanzanian Organic Coffee Farm**

Training Methodology

- Interactive lectures with expert trainers
- Group discussions and hands-on assignments
- Video case studies and farm visit simulations
- Worksheets for certification readiness
- Role-plays on audit interviews
- Practical project for each participant

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

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