# Training Course on Agricultural Safety and Health

Professional Development Training Course Outline

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|---|---|---|---|
| **Category** | Occupational Health | **Duration** | 5 Days |
| **Base Fee** | $1,500 USD | **Delivery Mode** | Online / On-site Hybrid |

## Course Introduction

Agriculture is one of the most hazardous industries worldwide, exposing workers to risks such as machinery accidents, pesticide exposure, musculoskeletal injuries, and zoonotic diseases. Training Course on Agricultural Safety and Health aims to mitigate these risks through education, risk assessment, and the implementation of safety best practices. With a focus on sustainable agriculture, farm safety protocols, and occupational health, this course empowers workers, managers, and stakeholders to cultivate a safer and healthier working environment.

As climate change, advanced technology, and expanding agribusiness reshape the agricultural landscape, ensuring rural worker protection, agricultural compliance training, and farm hazard management is more critical than ever. This comprehensive, keyword-rich training curriculum blends regulatory compliance, preventive strategies, and real-world farm safety case studies to enhance awareness and practical application across all farming operations.

## Programme Curriculum

**Training Course on Agricultural Safety and Health**

**Introduction**

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comprehensive, keyword-rich training curriculum blends regulatory compliance, preventive strategies, and real-world farm safety case studies to enhance awareness and practical application across all farming operations.

**Course Objectives**

1. Understand agricultural workplace hazards and how to prevent them.
2. Learn effective farm machinery safety protocols.
3. Implement chemical safety and pesticide handling procedures.
4. Promote worker health and safety standards on farms.
5. Conduct risk assessments and create hazard control strategies.
6. Improve livestock handling safety practices.
7. Apply climate-smart agriculture safety techniques.
8. Develop first aid and emergency response plans.
9. Encourage mental health awareness in agricultural settings.
10. Learn about PPE (Personal Protective Equipment) for farm operations.
11. Strengthen knowledge of OSHA agricultural regulations.
12. Prevent heat stress and dehydration in farmworkers.
13. Apply data-driven safety monitoring systems in agriculture.

**Target Audience**

1. Farm Owners & Operators
2. Agricultural Extension Agents
3. Farm Labor Contractors
4. Occupational Health Specialists
5. Safety Officers in Agri-business
6. Veterinary Technicians
7. Agricultural Students & Educators
8. Government Agriculture Regulators

**Course Duration:** 5 days

**Course Modules**

**Module 1: Introduction to Agricultural Safety and Health**

- Overview of occupational hazards in agriculture
- Importance of farm safety in productivity and sustainability
- Historical trends and statistics in agricultural injuries
- Role of government and regulatory bodies (OSHA, EPA)
- Developing a farm safety culture
- **Case Study:** Analysis of a major farm accident and safety response plan

**Module 2: Farm Machinery and Equipment Safety**

- Identifying common machinery hazards
- Safe operation of tractors and combines
- Lockout/tagout procedures for maintenance
- Ergonomic machinery handling techniques
- Preventive maintenance practices
- **Case Study:** Machinery entanglement incident and risk management strategies

**Module 3: Chemical Safety and Pesticide Handling**

- Safe storage and labeling of agrochemicals

- Pesticide application protocols
- PPE requirements for chemical use
- Spill management and disposal
- Legal compliance with EPA and state laws
- **Case Study:** Pesticide exposure incident and containment

**Module 4: Livestock Handling and Zoonotic Disease Prevention**

- Safe practices in animal handling
- Common zoonotic diseases on farms
- Biosecurity protocols and hygiene
- Emergency procedures during animal attacks
- Animal stress and behavior management
- **Case Study:** Outbreak of zoonosis in a dairy farm

**Module 5: Climate Impact, Heat Stress & Environmental Hazards**

- Climate change effects on agriculture safety
- Prevention of heat-related illnesses
- Weather risk assessments
- Water conservation and safe irrigation practices
- Environmental hazard mitigation
- **Case Study:** Heatwave-induced illnesses among harvest workers

**Module 6: Mental Health and Well-being in Agriculture**

- Recognizing signs of stress and burnout
- Mental health first aid for farmers
- Community and support systems
- Workload management and seasonal stress
- Reducing stigma around mental health
- **Case Study:** Mental health crisis intervention on a family farm

**Module 7: First Aid, Emergency Preparedness, and PPE**

- On-farm emergency response planning
- CPR and basic first aid training
- Fire and chemical emergency procedures
- PPE selection and usage
- Emergency communication systems
- **Case Study:** PPE failure during pesticide exposure and resolution

**Module 8: Safety Policy Implementation and Auditing**

- Designing a farm safety program
- Risk assessment tools and templates
- Safety auditing and documentation
- Staff safety training and reporting
- Legal liability and insurance considerations
- **Case Study:** Compliance audit failure and corrective actions

**Training Methodology**

- Interactive presentations and multimedia-based sessions
- Hands-on demonstrations with agricultural tools and PPE
- Group activities and role-play for emergency response

- Virtual simulations of hazard identification
- Assessment quizzes, certification exams, and feedback reviews

**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** | 27 Nov 2026 | Online | $1,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $1,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $4,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |

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

**Register Online Now**

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com