Training Course on Alternative Livestock Species Production (e.g., Quails, Insects for Feed)

Professional Development Training Course Outline

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

Course Introduction

The global demand for sustainable animal protein sources is on the rise, driving interest in alternative livestock species such as quails, insects for feed, and non-traditional small livestock. These species are gaining traction due to their low resource input, fast reproduction rates, and high nutritional value. As climate change, land scarcity, and food insecurity continue to challenge conventional livestock systems, the shift to alternative species provides an opportunity to revolutionize livestock farming, especially for smallholder farmers, agripreneurs, and agribusiness investors in emerging markets.

Training Course on Alternative Livestock Species Production (e.g., Quails, Insects for Feed) participants with practical knowledge, innovative practices, and entrepreneurial skills to establish and scale production systems for quails, edible insects (e.g., black soldier flies, crickets), and other unconventional livestock species. With an emphasis on biosecurity, market linkages, value addition, and sustainable feed solutions, this course aims to transform agricultural practices and boost income generation, nutrition, and environmental resilience in both rural and urban settings.

Programme Curriculum

Training Course on Alternative Livestock Species Production (e.g., Quails, Insects for Feed)

Introduction

The global demand for sustainable animal protein sources is on the rise, driving interest in alternative livestock species such as quails, insects for feed, and non-traditional small livestock. These species are gaining traction due to their low resource input, fast reproduction rates, and high nutritional value. As climate change, land scarcity, and food insecurity continue to challenge conventional livestock systems, the shift to alternative species provides an opportunity to revolutionize livestock farming, especially for smallholder farmers, agripreneurs, and agribusiness investors in emerging markets.

Training Course on Alternative Livestock Species Production (e.g., Quails, Insects for Feed) participants with practical knowledge, innovative practices, and entrepreneurial skills to establish and scale production systems for quails, edible insects (e.g., black soldier flies, crickets), and other unconventional livestock species. With an emphasis on biosecurity, market linkages, value addition, and sustainable feed solutions, this course aims to transform agricultural practices and boost income generation, nutrition, and environmental resilience in both rural and urban settings.

Course Objectives

1. Understand the economic potential of quail and insect farming.
2. Identify suitable species of insects for feed (e.g., BSF, mealworms).
3. Learn sustainable production techniques for alternative livestock.
4. Design and manage low-cost, bio-secure housing systems.
5. Explore climate-smart feeding practices using agricultural waste.
6. Analyze market trends and demand for alternative proteins.
7. Develop business plans for alternative livestock enterprises.
8. Apply value addition techniques to maximize product profitability.
9. Ensure food safety and compliance with livestock regulations.
10. Leverage digital tools for farm monitoring and record-keeping.
11. Integrate alternative livestock into circular farming systems.
12. Access funding and build agribusiness partnerships.
13. Study success stories and scalable models from global innovators.

Target Audiences

1. Smallholder farmers
2. Agripreneurs and start-ups
3. Agricultural extension officers
4. Livestock researchers and academics
5. Youth in agribusiness
6. NGOs and development organizations
7. Feed manufacturers
8. Food security policy makers

Course Duration: 5 days

Course Modules

Module 1: Introduction to Alternative Livestock Species

- Overview of non-traditional livestock (quail, BSF, rabbits, snails, etc.)
- Nutritional and economic value
- Regulatory frameworks and safety standards
- Comparative analysis with conventional livestock
- Trends in global protein consumption
- **Case Study:** Quail farming in Kenya – A youth-led success story

Module 2: Quail Farming Techniques

- Species selection and breeding
- Housing and biosecurity setup
- Feeding strategies and cost-saving tips
- Health management and disease control
- Egg and meat processing
- **Case Study:** High-yield quail production system in Nigeria

Module 3: Insect Farming for Feed

- Species selection: BSF, crickets, mealworms
- Lifecycle management and breeding
- Substrate sourcing and sustainability
- Harvesting and drying techniques
- Nutritional analysis and feed formulation
- **Case Study:** BSF as poultry feed in Uganda

Module 4: Housing and Infrastructure Design

- Designing scalable insect and quail units
- Urban and peri-urban considerations
- Climate-smart housing materials
- Solar-powered automation opportunities
- Sanitation and waste management
- **Case Study:** Modular insect farm in Tanzania

Module 5: Feeding Innovations and Circular Farming

- Agricultural waste as feed inputs
- Integration with composting systems
- Fermentation and nutrient enhancement
- Water-saving feeding systems
- Role in carbon footprint reduction
- **Case Study:** Circular insect farming model in South Africa

Module 6: Value Addition and Processing

- Egg pickling, meat smoking, and insect powders
- Packaging and shelf-life optimization
- Quality assurance and certification
- Product branding and storytelling
- Market access and online sales
- **Case Study:** Branded insect snacks in Rwanda

Module 7: Marketing and Agribusiness Models

- Demand analysis and segmentation
- Business model canvas for alternative livestock
- Profitability benchmarking and ROI
- Cooperative models and youth engagement
- Export market opportunities
- **Case Study:** Women-led quail collective in Ethiopia

Module 8: Digital Tools and Farm Scaling

- Digital record-keeping and monitoring
- Mobile apps for farm operations
- IoT integration in insect farming
- Online marketing and e-commerce
- Data-driven decision making
- **Case Study:** App-based quail farming in India

Training Methodology

- Participatory lectures with multimedia presentations

- Hands-on demonstrations and farm visits
- Interactive group work and problem-solving tasks
- Case study analysis and experience sharing
- Expert guest sessions from practitioners
- Step-by-step enterprise planning exercises

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
16 Nov 2026	20 Nov 2026	Online	$1,000
16 Nov 2026	20 Nov 2026	Physical	$1,500
16 Nov 2026	20 Nov 2026	Physical	$3,000
16 Nov 2026	20 Nov 2026	Physical	$3,000
16 Nov 2026	20 Nov 2026	Physical	$6,000
16 Nov 2026	20 Nov 2026	Physical	$4,500

Start Date	End Date	Location	Price
16 Nov 2026	20 Nov 2026	Physical	$6,000
16 Nov 2026	20 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