

## **MANAGEMENT OF KIENYEJI CHICKEN BREEDING FLOCK**

**UNIT CODE:**0811 241 02A

**TVET CDACC UNIT CODE:** POL/CU/KE/CR/02/3/MA

### **Relationship to Occupational Standards**

This unit addresses the Unit of Competency: Manage *Kienyeji* Chicken Breeding Flock

**Duration of Unit:** 80 hours

### **Unit Description**

This unit specifies the competencies required to manage Kienyeji chicken breeding flock. It involves performing chicken breeding, feeding breeding flock, maintaining general cleanliness, monitoring Kienyeji chicken performance and handling Kienyeji chicken eggs.

### **Summary of Learning Outcomes**

By the end of this unit, the learner should be able to:

<b>S/No</b>	<b>Learning Outcomes</b>	<b>Duration (Hours)</b>
1.	Perform chicken breeding	10
2.	Feed breeding flock	20
3.	Maintain general cleanliness	10
4.	Monitor <i>Kienyeji</i> chicken performance	20
5.	Handle <i>Kienyeji</i> chicken eggs	20
<b>Total</b>		<b>80</b>

### **Learning Outcomes, Content and Suggested Assessment Methods**

<b>Learning Outcome</b>	<b>Content</b>	<b>Suggested Assessment Methods</b>

1. Perform chicken breeding	1.1. Kienyeji chicken strains and eco-types 1.2. The desirable meat and egg production traits in Kienyeji chicken. 1.3. Selection of males and females based on traits of economic importance 1.4. Male to female ratio. 1.5. Artificial Insemination in poultry 1.6. Breeding record	Written tests Observation Oral questions Third party report Interviewing
2. Feed breeding flock	2.1. Personal Protection Equipment and Apparel (PPEs) required in chicken feed. 2.2. Types of <i>Kienyeji</i> chicken feed <ul style="list-style-type: none"> <li>2.2.1. Locally available</li> <li>2.2.2. Commercial feeds</li> </ul> 2.3. Feed quality control 2.4. Feed mixing ratios <ul style="list-style-type: none"> <li>2.4.1. Production ration.</li> <li>2.4.2. Maintenance ration.</li> <li>2.4.3. Balanced ration.</li> <li>2.4.4. Weaning ration.</li> </ul> 2.5. Feed mixing 2.6. Feed storage conditions 2.7. Feeding schedule 2.8. Feeding standard. 2.9. Water <ul style="list-style-type: none"> <li>2.9.1. Quality</li> <li>2.9.2. Quantity</li> </ul> 2.10. Feed waste disposal 2.11. Feeding record keeping.	Written tests Observation Oral questions Third party report Interviewing Project and report writing

3. Maintain general cleanliness	3.1. Suitable detergents for cleaning 3.2. Cleaning of feeding and watering equipment 3.3. Sanitation procedure for house, equipment and personnel	Written tests Observation Oral questions Third party report Interviewing
4. Monitor <i>Kienyeji</i> chicken performance	4.1. <i>Kienyeji</i> chicken vices 4.1.1. Nutritional 4.1.2. Parasites 4.1.3. Stocking rate 4.1.4. structure 4.2. Problem indicators 4.2.1. Predisposing factors. 4.2.2. Signs of a sick bird. 4.3. Performance record 4.4. Culling criteria	Written tests Observation Oral questions Third party report Interviewing Project and report writing
5. Handle <i>Kienyeji</i> chicken eggs	5.1. Suitable egg collection equipment 5.2. Egg collection precautions 5.2.1. Time of collection 5.2.2. Collect in a dry bucket 5.2.3. Clean dirty eggs. 5.3. Eggs sorting 5.3.1. Size 5.3.2. Physical conformity. 5.4. Eggs storage for incubation 5.4.1. Conditions of storage 5.4.2. Duration 5.5. Egg production records	Written tests Observation Oral questions Third party report Interviewing Project and report writing

### Suggested methods of instruction

- Project

- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction
- Case study
- Audio –visual aids

## **Recommended Resources**

**Functional Kienyeji chicken unit with the following:**

<ul style="list-style-type: none"> <li>• Shovel</li> <li>• Broom</li> <li>• Wheel burrow</li> <li>• Sanitizing agents</li> <li>• Brush</li> <li>• Detergents</li> <li>• Knapsack sprayer</li> <li>• Litter</li> <li>• Rake</li> <li>• Hammer</li> </ul>	<ul style="list-style-type: none"> <li>• Saw</li> <li>• Catching hook</li> <li>• Weighing scale</li> <li>• Timber</li> <li>• Nails</li> <li>• Jerry can</li> <li>• Crates</li> <li>• Feeders</li> <li>• Drinkers</li> <li>• Grit container</li> </ul>	<ul style="list-style-type: none"> <li>• Multivitamins</li> <li>• Syringe</li> <li>• Needles</li> <li>• Grit</li> <li>• Water</li> <li>• Feed</li> <li>• Vaccine</li> <li>• Cool box</li> <li>• Freezer</li> <li>• Disinfectant</li> </ul>
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