

## KIENYEJI CHICKEN HEALTH AND WELFARE MANAGEMENT

**UNIT CODE:** 0841 241 03A

**TVET CDACC UNIT CODE:** POL/CU/KE/CR/03/3/MA

### Relationship to Occupational Standards

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

**Duration of Unit:** 10 hours

### Unit Description

This unit specifies the competencies required to manage *Kienyeji* chicken health. It involves farm biosecurity, parasite control, vaccination, control of diseases and vices

### Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Maintain <i>Kienyeji</i> chicken farm biosecurity	20
2.	Manage <i>Kienyeji</i> chicken vaccination	20
3.	Control <i>Kienyeji</i> chicken parasites	30
4.	Manage <i>Kienyeji</i> chicken diseases and vices	30
<b>Total</b>		<b>100</b>

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Maintain <i>Kienyeji</i> chicken biosecurity	1.1. Personal Protection Equipment 1.1.1. Gloves 1.1.2. Dust coat/overall	Written tests Observation Oral questions

	1.1.3. Gumboots 1.1.4. Goggles 1.1.5. Face mask. 1.2. Biosecurity structures and equipment 1.2.1. Boundary fence (electric or stone wall) 1.2.2. Gate 1.2.3. Entry showers, both at the gate and at the house sites 1.2.4. Foot bathes and vehicle sprayers 1.2.5. Hand washing gadgets 1.2.6. Post mortem rooms 1.2.7. Mortality disposal pits 1.2.8. Rodent and pest control traps 1.3. Biosecurity measures in a chicken farm 1.4. Chicken waste management 1.4.1. Litter (droppings, feathers, spilt feed, dead birds) 1.4.2. Other wastes (plastics, glass, paper, metals and fluids) 1.5. Biosecurity records	Third party report Interviewing Case study reports
2. Manage <i>Kienyeji</i> chicken vaccination	2.1 Bird handling methods 2.2 Vaccination schedule 2.3 Vaccine handling 2.4 Vaccination sites and routes 2.5 Vaccines abnormal reactions 2.6 Vaccination records	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
3. Control <i>Kienyeji</i> chicken parasites	3.1 Economic importance of parasites and predictors.	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> </ul>

and predators	<p>3.2 Parasites and predictors predisposing factors</p> <p>3.3 External and internal chicken parasites</p> <ul style="list-style-type: none"> <li>• Internal (round worms)</li> <li>• External (mites, soft ticks, fleas)</li> </ul> <p>3.4 Prevention and control measures</p> <p>3.5 Chicken pests and predators</p> <ul style="list-style-type: none"> <li>• Types</li> <li>• Control measures</li> </ul> <p>3.6 Kienyeji chicken parasites and predator's management records.</p>	<ul style="list-style-type: none"> <li>• Oral questions</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
4. Manage <i>Kienyeji</i> chicken diseases and vices	<p>4.1 Economic importance of chicken diseases and vices</p> <p>4.2 Chicken diseases and vices predisposing factors</p> <p>4.3 General signs of ill health in chicken</p> <p>4.4 General disease prevention and control measures</p> <ul style="list-style-type: none"> <li>• Chicken vices</li> <li>• Types of vices</li> </ul> <p>4.5 Chicken diseases and vices prevention and control measures</p> <p>4.6 Chicken diseases and vices management records</p>	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>

### Suggested Methods of Instruction

- Project
- Demonstration by trainer
- Practice by the trainee

- Field trips
- Discussions
- Direct instruction
- Electronic audio-visual presentations
- Simulations

### Recommended Resources

<ul style="list-style-type: none"> <li>• Stationery (pen and sketching books)</li> <li>• Chicken shackles</li> <li>• Scapels</li> <li>• Cleaning materials and equipment</li> <li>• Disinfectants</li> <li>• Sanitizers</li> <li>• Disposal pits</li> <li>• Weighing scales</li> <li>• Debeaking machine</li> <li>• Wing stab needles</li> <li>• Strategic chicken drugs – preventative and emergency</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic vaccination syringes</li> <li>• Syringes and needles</li> <li>• Vaccines</li> <li>• Chicken dewormers</li> <li>• Coccidials</li> <li>• Chicken acaricides</li> <li>• Chicken dusts</li> <li>• Footbaths</li> <li>• Spayers</li> <li>• Waste management equipment and material</li> <li>• Litter rakes</li> <li>• Litter bins</li> <li>• Rodenticides</li> <li>• Rodent control traps</li> </ul>	<ul style="list-style-type: none"> <li>• Flock health records</li> <li>• Water</li> <li>• PPEs</li> <li>• Standard work place procedures</li> <li>• Animal diseases act Cap 365, legal notice 47 of 1985</li> <li>• NEMA regulations and audits</li> <li>• Livestock Production Manual</li> </ul>
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