

MANAGE KIENYEJI CHICKEN BREEDING FLOCK

UNIT CODE: 0811 241 02A

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

UNIT DESCRIPTION:

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

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
These describe the key outcomes which make up workplace function.	These are assessable statements which specify the required level of performance for each of the elements. <i>Bold and italicized terms are elaborated in the range.</i>
1 Perform chicken breeding	<p>1.1 Desirable traits of economic importance are identified as per poultry production guidelines in the poultry production manual (PPM) and the <i>Kienyeji</i> chicken rearing and breeding guides</p> <p>1.2 Mating males and females are selected as per poultry production guidelines in the PPM</p> <p>1.3 Mating ratio is determined as per the poultry production manual</p> <p>1.4 Selected breeding flock is allowed to mate based on determined mating ratio</p> <p>1.5 Poultry breeding record is identified as per livestock production manual.</p>
2 Feed breeding flock	<p>2.1 PPE's are identified as per work place procedure.</p> <p>2.2 Suitable feed type is identified and selected based on flock age</p> <p>2.3 Feeding and watering equipment are prepared based on their</p>

	<p>condition, position and flock size</p> <p>2.4 Adequate amount of feed and water is determined, weighed and dispensed according to <i>Kienyeji chicken</i> feeding guides in the PPM</p>
3 Maintain general cleanliness	<p>3.1 Suitable detergents are identified as per work place practices and PPM guidelines</p> <p>3.2 Cleaning of feeding and watering equipment is performed as per work place procedures and practice and PPM guidelines</p> <p>3.3 Sanitization of poultry house, equipment and personnel are carried out as per work place practice and PPM guidelines</p>
4 Monitor <i>Kienyeji</i> chicken performance	<p>4.1 <i>Chicken vices</i> are monitored as per PPM guidelines and work place practices</p> <p>4.2 <i>Performance assessment</i> equipment and tools are selected based on work place practices</p> <p>4.3 Performance assessment is carried out as per work place procedures</p> <p>4.4 Non-performing <i>Kienyeji chicken</i> are culled as per work place procedures.</p>
5 Handle <i>Kienyeji</i> chicken eggs	<p>5.1 Poultry eggs are collected as per the work place practices</p> <p>5.2 Poultry eggs are sorted and graded as per poultry production requirement</p> <p>5.3 Poultry eggs are stored as per PPM guidelines and farm practice.</p>

RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environment and situations that will affect performance.

Variable	Range
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1. Chicken vices may include but not limited to:	<ul style="list-style-type: none"> • Pecking • Cannibalism • Pica
2. Performance assessment may include but not limited to:	<ul style="list-style-type: none"> • Growth rate • Laying percentage

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

Required skills

The individual needs to demonstrate the following skills:

- Communication
- Negotiation
- Numeracy
- Observation
- Problem solving

Required knowledge

The individual needs to demonstrate knowledge of:

- Traits of economic importance in *Kienyeji chicken*
- Selection methods and aids
- *Kienyeji chicken* mating ratios
- Mating behavior in chicken
- Breeding systems
- Feeding requirements of *Kienyeji* chicken breeding flock
- *Kienyeji chicken* house hygiene and biosafety
- Poultry vices
- *Kienyeji chicken* growth rates and laying percentages
- Culling criteria
- Chicken eggs handling, grading and storage
- Occupational health and safety procedures

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Selected mating males and females as per poultry production guidelines in the PPM 1.2 Determined mating ratio as per the poultry production manual 1.3 Allowed selected breeding flock to mate based on determined mating ratio 1.4 Determined, weighed and dispensed adequate amount of feed and water based on <i>Kienyeji chicken</i> feeding guides in the PPM 1.5 Carried out sanitization of poultry house, equipment and personnel as per work place practice 1.6 Culled non-performing <i>Kienyeji chicken</i> as per work place procedures. 1.7 Collected poultry eggs as per the work place practices 1.8 Sorted and graded poultry eggs as per poultry production requirement
2. Resource Implications	The following resources MUST be provided: 2.1 Assessment location / <i>Kienyeji chicken</i> production farm 2.2 Personal Protective Equipment and Apparel
3. Methods of Assessment	Competency may be assessed through: 3.1 Observation 3.2 Written tests 3.3 Oral questioning 3.4 Third party report
4. Context of Assessment	Competency may be assessed on the job, off the job or during industrial attachment. Off the job assessment must be undertaken in a closely simulated workplace environment.
5. Guidance information for assessment	Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended.