

## MANAGE BROODY HEN

**UNIT CODE:** 0811 241 03A

**TVETCDACC UNIT CODE:** POL/OS/KE/CR/01/4/MA

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### UNIT DESCRIPTION:

This unit specifies the competencies required to manage broody hen. It involves preparing to incubate eggs, performing natural egg incubation, feeding the broody hen and controlling chicken vermin and predators.

### ELEMENTS AND PERFORMANCE CRITERIA

<b>ELEMENT</b> These describe the key outcomes which make up workplace function.	<b>PERFORMANCE CRITERIA</b> These are assessable statements which specify the required level of performance for each of the elements. <i><b>Bold and italicized terms are elaborated in the range.</b></i>
1 Prepare to incubate eggs	1.1 Incubation eggs sorted and selected as per work place practice 1.2 Incubation nest prepared as per the <i><b>poultry production manual</b></i> 1.3 Eggs are placed on the nest based on the guidelines in the poultry production manual 1.4 Incubating hen is selected based on desired traits 1.5 Incubating hen prepared as per poultry production manual
2 Perform natural egg incubation	2.1 Incubating hen is allowed to sit on selected eggs based on desired date of hatching 2.2 Incubating hen is monitored as per farm practice and poultry production manual
3 Feed broody hen	3.1 Broody hen feeding requirements are determined based on the poultry production manual 3.2 Broody hen ration is prepared based on its nutritional

	<p>requirements</p> <p>3.3 Broody hen feed ration and water is dispensed to feeders and waterers as per the <b><i>Kienyeji chicken rearing and breeding guidelines</i></b></p>
4 Control chicken vermin.	<p>4.1 Chicken vermin are identified based on the geographic area</p> <p>4.2 Vermin control method is selected according to the type of vermin identified</p> <p>4.3 Vermin are controlled as per the type of method selected, vermicide manufacturer's guidelines and poultry production manual</p>
5 Control chicken predators.	<p>5.1 Chicken predators are identified based on the geographic area</p> <p>5.2 Predator control method is selected according to the type of predators identified</p> <p>5.3 Predators are controlled as per the type of method selected, vermicide manufacturer's guidelines and poultry production manual</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
1. Kienyeji chicken rearing and breeding guidelines may include but not limited to:	<ul style="list-style-type: none"> <li>• KALRO</li> <li>• Indbro Research &amp; Breeding Farms</li> </ul>
2. Poultry production manual may include but not limited to:	<ul style="list-style-type: none"> <li>• MoALF&amp;I</li> <li>• FAO</li> <li>• ILRI</li> </ul>

## 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:

- Carpentry
- Communication
- Handling
- Negotiation
- Numeracy
- Observation
- Poultry Handling

### Required knowledge

The individual needs to demonstrate knowledge of:

- Algebra
- Bio-safety
- Carpentry
- Poultry behavior
- Poultry health
- Natural incubation
- Incubating hen feeding
- Predator and pest control
- Scales and measurement

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## 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 chick brooder set-up accurately 1.2 Stocking density done accurately
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	<p>1.3 Brooder micro- climate moderated appropriately</p> <p>1.4 Chick feeds provided correctly</p> <p>1.5 Bio- safety measures observed</p> <p>1.6 Vaccination schedule followed as planned</p> <p>1.7 Vermin and predators-controlled measures put in place.</p>
2 Resource Implications	<p>The following resources <b>MUST</b> be provided:</p> <p>2.1 Assessment location / <i>Kienyeji chicken</i> production farm</p> <p>2.2 Personal Protective Equipment and Apparel</p>
3 Methods of Assessment	<p>Competency may be assessed through:</p> <p>3.1 Observation</p> <p>3.2 Written tests</p> <p>3.3 Oral questioning</p>
4 Context of Assessment	<p>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.</p>
5 Guidance information for assessment	<p>Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended.</p>