

REAR DAIRY YOUNG STOCK

UNIT CODE: DA/OS/FM/CR/07/3/B

UNIT DESCRIPTION

This unit specifies the competencies required to rear dairy young stock. It involves applying food safety measures while participating in steaming up of dams; care of neonates; and feeding, identification, housing, weighing, weaning and restraining young stock.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
<p>These describe the key outcomes which make up workplace function</p>	<p>These are assessable statements which specify the required level of performance for each of the elements.</p> <p><i>Bold and italicized terms are elaborated in the Range</i></p>
<p>1. Prepare to rear dairy young stock</p>	<p>1.1 <i>Young stock</i> management <i>tools, equipment, materials</i> and <i>supplies</i> are identified and assembled based on livestock species in accordance with the livestock production manual</p> <p>1.2 Structures for managing young stock are identified and prepared in accordance with the livestock production manual</p> <p>1.3 Personal Protection Equipment and Apparel (PPE) are identified and gathered based on job requirements</p> <p>1.4 Additional nutrition is provided to dams within the last trimester of gestation according to livestock production manual (LPM)</p> <p>1.5 Female animals showing signs of imminent parturition are identified and separated according to the livestock production manual</p> <p>1.6 Dams with difficult parturition are identified and assisted according to the livestock production manual</p> <p>1.7 Occupational safety and health procedures are adhered to according to work place procedures</p> <p>1.8 Environmental protection measures are observed according to <i>environment protection regulations</i> and work place procedures</p>

<p>2. Rear dairy young stock</p>	<p>2.1 <i>Neonates</i> are handled at birth according to instructions in the LPM</p> <p>2.2 Neonate is fed adequate amounts of colostrum according to the LPM</p> <p>2.3 Orphaned neonates are foster-fed according to the LPM</p> <p>2.4 Young stock are <i>identified</i> using suitable method in accordance with LPM, animal welfare regulations and work place policy</p> <p>2.5 Young stock are housed based on production system, prevailing climatic conditions and age within LPM standards</p> <p>2.6 Young stock are introduced to roughage feeding in accordance with LPM</p> <p>2.7 Young stock are restrained according to animal welfare regulations and work place policy</p> <p>2.8 Young stock <i>health care</i> is provided based on identified animal health risk.</p>
<p>3. Evaluate rearing of dairy young stock</p>	<p>3.1 Young stock is weighed in accordance with LPM instructions and work place policy</p> <p>3.2 Dams with dystocia in need of vet attention are identified and reported according to the livestock production manual</p>
<p>4. Complete rearing of dairy young stock</p>	<p>4.1 Young stock are weaned in accordance with the LPM</p> <p>4.2 Calf pens are cleaned and bedding changed as per livestock production manual and workplace policy.</p> <p>4.3 Reusable materials and supplies are stored as per manufacturer's instructions manual and workplace policy.</p> <p>4.4 Waste is disposed off with regard to workplace policy.</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. Young Stock includes but not limited to:	<p>Offspring of the following between birth and weaning:</p> <ul style="list-style-type: none"> • Cattle • Goats • Camels
2. Tools and equipment includes but not limited to:	<p>Tools and equipment required for:</p> <ul style="list-style-type: none"> • Identification • Castration • Disbudding / dehorning • Hoof trimming • Young stock handling • Weighing
3. Materials and supplies includes but not limited to:	<ul style="list-style-type: none"> • Feed – artificial colostrum ingredients, milk replacers, pellets, pencils, mineral supplements • Dewormers • Cleaning materials
4. Environment protection regulations includes but not limited to:	<ul style="list-style-type: none"> • Public Health Act • EMCA 1999 • OSH Act 2007
5. Neonates includes but not limited to:	<p>The young ones at birth of the following:</p> <ul style="list-style-type: none"> • Cattle • Goats • Camels
6. Identified includes but not limited to:	<p>Markings or gadgets on animals for purposes of distinguishing individual animals:</p> <ul style="list-style-type: none"> • Ear tagging • Tattooing • Ear Notching • Electronic transponders • Branding
7. Health care includes but not limited	<ul style="list-style-type: none"> • Implement vaccination programmes against endemic diseases • Endo and Ecto - parasite control • Quarantining • Disease notification

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:

- Animal handling
- Farm equipment operation skills

Required knowledge

The individual needs to demonstrate knowledge of:

- Young stock feeding requirements
- Foster feeding
- Parturition signs
- Methods of animal identification
- Animal welfare
- Weaning process

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 Applied food safety measures to rear dairy young stock 1.2 Identified and separated females showing signs of imminent parturition 1.3 Identified females requiring assistance to parturite 1.4 Implemented recommended young stock feeding regime 1.5 Weaned young stock using right procedure at correct age and body weight 1.6 Observed occupational safety and health measures in the working environment 1.7 Observed laid down environmental protection measures at the work place 1.8 Documented dairy young stock rearing and food safety records
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2. Resource Implications	The following resources must be provided: 2.1 Assessment location / workplace 2.2 Personal Protective Equipment and Apparel
3. Methods of Assessment	Competency may be assessed through: 3.1 Observation 3.2 Oral questioning 3.3 Written test 3.4 Portfolio of Evidence 3.5 Interview 3.6 Third party report
4. Context of Assessment	Competency may be assessed on the job, off the job or a combination of these. 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.

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