

## FEEDING DAIRY ANIMALS

**UNIT CODE:** 0811 341 02A

**TVETCDACC UNIT CODE:** DA/CU/FM/CR/02/3/MA

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: Feed dairy animals

**Duration of Unit:**60 hours

### Unit Description

This unit specifies the competencies required to feed dairy animals. It involves preparing to feed dairy animals, feed dairy animals, evaluate dairy animal feeding and complete dairy animal feeding.

### Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Prepare to feed dairy animals	15
2.	Feed dairy animals	20
3.	Evaluate dairy animal feeding	15
4	Complete dairy animal feeding	10
Total		60

### Learning Outcomes, Content and Methods of assessment

Learning Outcome	Content	Methods of assessment
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Learning Outcome	Content	Methods of assessment
1. Prepare to feed dairy animals	1.1. Personal Protection Equipment <ul style="list-style-type: none"> <li>1.1.1. Gloves</li> <li>1.1.2. Gumboots</li> <li>1.1.3. Head gear</li> <li>1.1.4. overall</li> </ul> 1.2. Grouping of dairy animals <ul style="list-style-type: none"> <li>1.2.1. Calves and kids</li> <li>1.2.2. Heifers and doelings</li> <li>1.2.3. Lactating animals (early, mid and late lactation)</li> <li>1.2.4. Dry animals</li> <li>1.2.5. Bulls, bucks, steers and wethers</li> </ul> 1.3. Standards for dairy animal feeds 1.4. Occupational safety and health procedure 1.5. Environmental protection measures	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> <li>• Third party reports</li> </ul>
2. Feed dairy animals	2.1. Feed processing methods <ul style="list-style-type: none"> <li>2.1.1. Grinding</li> <li>2.1.2. Mixing</li> <li>2.1.3. Soaking</li> <li>2.1.4. Pelleting.</li> </ul> 2.2. Separate concentrate feeding <ul style="list-style-type: none"> <li>2.2.1. Total mixed rations</li> <li>2.2.2. Partly mixed rations</li> </ul> 2.3. Dairy animals feeding.	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> <li>• Third party reports</li> </ul>
3. Evaluate dairy animal feeding	3.1. Feed intake evaluation 3.2. Feed sampling and collection 3.3. Feed faults	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> </ul>

Learning Outcome	Content	Methods of assessment
		<ul style="list-style-type: none"> <li>• Interviewing</li> <li>• Third party reports</li> </ul>
4. Complete dairy animal feeding	4.1. Feeding structures and equipment hygiene 4.2. Dairy feeding waste management	<ul style="list-style-type: none"> <li>• Observation</li> <li>• Written tests</li> <li>• Oral questions</li> <li>• Interviewing</li> </ul>

### Suggested Methods of Instruction

- Demonstration by trainer
- Practice by the trainee
- Field trips
- Discussions
- Direct instruction

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### Recommended Resources

Functional dairy farm with the following:		
<ul style="list-style-type: none"> <li>• Tractors</li> <li>• Trailer</li> <li>• Chopping implements</li> <li>• Feed mixers</li> <li>• Feed troughs</li> </ul>	<ul style="list-style-type: none"> <li>• Pasture paddocks</li> <li>• Water</li> <li>• Feed rations</li> <li>• Hay barn</li> <li>• Silage silos</li> </ul>	<ul style="list-style-type: none"> <li>• Feeding stalls</li> <li>• PPEs</li> <li>• Weighing balances and bands</li> <li>• Wheelbarrows</li> <li>• Water troughs</li> </ul>