

## LIVESTOCK FEEDING

**ISCED UNIT CODE:** 0811 351 07B

**UNIT CODE:** AGR/CU/EXT/CR/05/B

### **RELATIONSHIP TO OCCUPATIONAL STANDARDS:**

This unit addresses the unit title: feed the livestock

**DURATION OF UNIT:** 80 hours

### **UNIT DESCRIPTION**

This unit specifies the competencies required to feed the livestock. It involves preparing to feed the livestock, feeding the livestock and completing provision of livestock feeds

### **SUMMARY OF LEARNING OUTCOMES**

1. Prepare to feed livestock
2. Feed the livestock
3. Complete provision of livestock feeds

### **Learning Outcomes, Content and Suggested Assessment Methods**

<b>Learning Outcome</b>	<b>Content</b>	<b>Methods of Assessment</b>
1. Prepare to feed livestock	<ul style="list-style-type: none"><li>• Livestock physiology and production level (definition and determination)</li><li>• Livestock health indicators</li><li>• Livestock nutritional requirements</li><li>• Feeds and fodder production</li><li>• Livestock welfare</li><li>• Sources of feed nutrients for various livestock types and categories</li><li>• Types of fodder and their nutritive values.</li><li>• Quality of feeds and fodder.</li><li>• Feed safety and hygiene.</li><li>• Feedstuff choosing and sampling</li><li>• Feed rationing (definition, methods, determination and mixing)</li><li>• Occupational safety and health</li></ul>	<ul style="list-style-type: none"><li>• Oral demonstration</li><li>• Short q &amp; a</li><li>• Observation</li><li>• Written tests</li><li>• Practical demonstration</li><li>• Field visits reports</li></ul>

	<ul style="list-style-type: none"> <li>Tool and equipment (types, use, repair and maintenance) used in livestock feeding and watering</li> </ul>	
2. Feed the livestock	<ul style="list-style-type: none"> <li>Feed rations (calculating, measuring distribution and watering)</li> <li>Livestock feeding frequency</li> <li>Livestock feed conversion</li> <li>Feeding equipment</li> </ul>	<ul style="list-style-type: none"> <li>Oral demonstration</li> <li>Short q &amp; a</li> <li>Observation</li> <li>Written tests</li> <li>Practical demonstration</li> <li>Field visits report</li> </ul>
3. Complete provision of livestock feeds	<ul style="list-style-type: none"> <li>Waste management</li> <li>Livestock production monitoring</li> <li>Record keeping</li> <li>Stores management</li> <li>Tools, machines and equipment care and maintenance feeding evaluation (check wastage)</li> </ul>	<ul style="list-style-type: none"> <li>Oral demonstration</li> <li>Short q &amp; a</li> <li>Observation</li> <li>Written tests</li> <li>Practical demonstration</li> <li>Field visits report</li> </ul>

### **Suggested Methods of instructions**

- Practical demonstration of tasks by trainer.
- Practice by trainees.
- Observations, comments and corrections by trainers.
- Instructor led facilitation of theory.
- Field visits
- Attachment
- Projects

### **Recommended Resources for 25 Trainees**

- Occupational safety and Health Act of 2007
- Machine/equipment manufacturer's specifications and instructions.
- Environmental Management and Coordination Act – EMCA 2015
- National environmental management authority regulations
- Livestock production manuals (LPM)
- Tools and equipment
  - Watering equipment:
    - Automatic waterers
    - Bucket

- Water trough
- Feeding equipment
  - Feed mixers
  - Feed trough
  - Hammer mills
  - Weigh scales
  - Wheel barrow
- Tools:
  - Panga
  - Scale
  - Weigh bridge
  - Weight band