

## **LIVESTOCK BREEDING**

**ISCED UNIT CODE:** 0811 351 08B

**UNIT CODE:** AGR/CU/EXT/CR/06/4/B

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

This unit addresses the unit title: breed livestock

**DURATION OF UNIT:** 60 hours

### **UNIT DESCRIPTION**

This unit specifies the competencies required to breed livestock. It involves preparing to breed livestock, breeding the livestock and complete animal breeding

### **SUMMARY OF LEARNING OUTCOMES**

1. Prepare to breed livestock
2. Breed the livestock
3. Complete livestock breeding

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

<b>Learning Outcome</b>	<b>Content</b>	<b>Methods of Assessment</b>
1. Prepare to breed livestock	<ul style="list-style-type: none"><li>• Tools, materials and equipment (type, use, repair and maintenance) used in livestock breeding</li><li>• Breeding stock selection (methods, types, advantages and disadvantages)</li><li>• Breeding stock management</li><li>• Breeding methods for various livestock species</li><li>• Livestock production systems</li><li>• </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>
2. Breed the livestock	<ul style="list-style-type: none"><li>• Heat detection (heat signs and oestrous cycle)</li><li>• Breeding methods overview</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>

<b>Learning Outcome</b>	<b>Content</b>	<b>Methods of Assessment</b>
3. Complete breeding the livestock	<ul style="list-style-type: none"> <li>• Livestock breeding documentation</li> <li>• Breeding stock feeding, housing and health management</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
- Livestock Production Manual (LPM)
- Breeders manual
- Environmental Management and Coordination Act (EMCA)
- National environmental management authority regulations
- Tools and equipment:
  - Payettes
  - Personal Protective Equipment