

LIVESTOCK HEALTH MAINTENANCE

UNIT CODE: AGR/CU/EXT/CR/04/4/A

RELATIONSHIP TO OCCUPATIONAL STANDARDS:

This unit addresses the unit title: maintain livestock health

DURATION OF UNIT: 200 hours

UNIT DESCRIPTION

This unit specifies the competencies required to maintain livestock health. It involves prepare to maintain livestock health, maintain livestock house structures, housing the livestock, carrying out routine management practices, controlling livestock disease and parasites, managing health condition and maintaining of livestock health

SUMMARY OF LEARNING OUTCOMES

- 1 Prepare to maintain livestock health Maintain livestock house structures
- 2 Maintain livestock house structures
- 3 House the livestock
- 4 Carry out routine management practices
- 5 Control livestock diseases
- 6 Control livestock parasites
- 7 Manage health condition in livestock
- 8 Complete the maintenance of livestock health

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Methods of Assessment
1. Prepare to maintain livestock health	<ul style="list-style-type: none">• Basic livestock health conditions• Livestock welfare• Signs of good and ill health in livestock• Livestock health conditions• Parasites (types, categories, symptoms, control methods and economic importance)• Parasite control programme	<ul style="list-style-type: none">• Practical demonstration• Short q & a• Oral demonstration• Observation• Written tests• Field visits report

	<ul style="list-style-type: none"> preparation • Vaccination programme preparation • Occupational safety and health • Livestock health conditions and their management • Livestock housing • Livestock housing structure repair materials • Materials, tools and equipment (types, use, repair and maintenance) 	
2. Maintain livestock house structures	<ul style="list-style-type: none"> • Livestock housing • Basic carpentry • Repairs and maintenance • Livestock housing structure repair materials • Materials, tools and equipment (types, use, repair and maintenance) 	<ul style="list-style-type: none"> • Short q & a • Practical demonstration • Oral demonstration • Observation • Written tests • Field visits report
3. House the livestock	<ul style="list-style-type: none"> • Livestock housing requirements • Materials, tools and equipment (types, use, repair and maintenance) • Occupational safety and health • Sanitation and hygiene 	<ul style="list-style-type: none"> • Short q & a • Practical demonstration • Oral demonstration • Observation • Written tests • Field visits report
4. Carry out routine management practices	<ul style="list-style-type: none"> • Livestock health management • Livestock welfare • Environmental management practices • Livestock handling • Livestock management practices 	<ul style="list-style-type: none"> • Short q & a • Practical demonstration • Oral demonstration • Observation • Written tests • Field visits report

5. Control livestock diseases	<ul style="list-style-type: none"> • Reporting protocol • Management of livestock under treatment • Documentation of livestock health conditions • Occupational safety and health • Environmental protection • Waste management • Types of diseases 	<ul style="list-style-type: none"> • Short q & a • Practical demonstration • Oral demonstration • Observation • Written tests • Field visits report
6. Control parasites	<ul style="list-style-type: none"> • Parasite types and their control • Parasite control methods • Occupational safety and health 	<ul style="list-style-type: none"> • Short q & a • Oral demonstration • Practical demonstration • Observation • Written tests • Third party report • Field visits report
7. Manage health condition	<ul style="list-style-type: none"> • Livestock health • Reporting procedures • Workplace policy • Livestock welfare • Causes of adverse health conditions. • Animal behaviour 	<ul style="list-style-type: none"> • Short q & a • Oral demonstration • Practical demonstration • Observation • Written tests • Third party report • Field visits report
8. Complete the maintenance of livestock health	<ul style="list-style-type: none"> • Waste handling • Record keeping • Alternative uses of livestock manure • Environmental management 	<ul style="list-style-type: none"> • Oral demonstration • Short q & a • Observation • Written tests • Third party report • Practical demonstration • Field visits report

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

- Occupational Safety and Health Act of 2007
- Standard operating and/or other workplace procedures manuals.
- Specific job procedures manuals.
- Livestock Production Manual (LPM)
- Tools and equipment manufacturer's operational specifications and instructions.
- Tools and Equipment:
 - Bolus gun
 - Drenching gun
 - Sprayer
- Materials and consumables
 - Water
 - Appropriate pesticides
- Livestock structures maintenance Equipment, tools and machines:
 - Construction tools and equipment:
 - Hummer
 - Pliers
 - Plumb-bob
 - Saws
 - Spirit level
 - Straight edge
 - Tape measure
 - Tri-square
 - Routine management tools and equipment:
 - Bardizzo
 - Calf pens
 - Elastrator

- Hoof trimmer
- Manure forks
- Rubber ring
- Thermometer
- Weigh crush
- Wheelbarrows
- Routine management machines:
- Chaff cutter
- Milking machines
- Structure maintenance materials:
 - Blocks
 - Bricks
 - Cement
 - Nails
 - Roofing materials
 - Sand
 - Timber
 - Wires

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