

Domain	FARM ECOSYSTEM MANAGEMENT	Unit ID:	1395
Title:	Coordinate tasks to reduce problem animals in farming		
Level: 3			Credits: 4

Purpose

This unit standard specifies the competencies required to:

- Prepare to implement problem control programme
- Implement problem animal management programme
- Complete problem animal management programme.

This unit standard is intended for people working in agriculture and other occupations working in natural resources management.

Special Notes

1. Entry information:

Prerequisite

- *Unit 1393 - Demonstrate an understanding of basic environmental principles*

2. This unit standard is to be delivered and assessed in the context of agricultural operations and can be assessed in conjunction with other relevant technical unit standards.

3. The evidence required to demonstrate competency in this unit must be relevant to workplace operations.

4. Assessment evidence may be collected from a real workplace or an appropriate simulated environment in which agricultural operations are carried out.

5. Assessment of practical application of managing problem animals in farm land is demonstrated on at least one species of problem animal as relevant to this unit standard.

6. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.

7. Glossary of terms:

- '*Safety requirements*' may include but not limited to the safe handling and storage of firearms, manual handling, the handling of hazardous substances including, poisons and baits, outdoor work and the use of personal protective equipment "Personal
- '*Hazards*' may include but not limited to animal attack, bites, manual handling, uneven surfaces, injured animals, escapes from traps and cages, handling firearms, hazardous substances (baits and poisons), solar

radiation, tools and equipment, dusts, noise, moving machinery and vehicles

- '*Protective Equipment (PPE)*' may include but is not limited to boots, hat, overalls, gloves, protective eyewear, hearing protection, respirator or face mask, and sun protection.
- '*Problem animal*' may include but is not limited to crocodile, monkeys, jackal, caracal, cheetah, leopard, lion, baboon, warthog, porcupine, aardvark, elephant and domestic species.
- '*Workplace procedures*' may include but not limited to work notes, farm management plans, product labels, manufacturer's specifications, operator's manuals, safety plans, fire control, waste disposal, recycling, re-use guidelines and supervisors oral or written instructions.

8. Regulations and legislation relevant to this unit standard include the following:

- Labour Act No. 11, 2007
- Regulations relating to the Health and Safety of employees at work, 1997
- National Agricultural Policy, 1995
- Animal Health Act 2011
- Animal Protection Act of 1962
- Prevention of Undesirable Residue in Meat Act, 1991
- FANMeat standards for producers 2010
- Animal disease and parasite act No. 10 2005
- Biosafety Act No. 7 of 2006
- Water Resources Management Act No. 24, 2004
- Environmental Management Act No. 7, 2007
- Forest Act No. 12, 2001
- Communal Land Reform Act No. 5, 2002
- Environmental Management and Assessment Bill 2004
- Pollution Control and Waste Management Bill, 2003 3rd draft
- National Policy on Human and Wildlife Conflict Management, 2009
- Desertification and Biodiversity Policy March 2005
- Proposed Climate Change Policy October 2009
- Standards Act, 2005, Standards Regulations: Standards Act, 2005 and relevant Namibian Standards as established

and all subsequent amendments to any of the above

- All current sets of Good Agricultural Practices to which Namibia subscribes and that regulate agricultural products entering a country to which Namibian producers may export.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org.na and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1. Prepare to implement problem control programme

Range

Licenses, permits and permissions may include but not limited to firearm licenses, trapping or shooting permits and consent of stakeholders.

Management options (lethal and non-lethal) may include trapping, baiting, killing, maintaining of fences, scaring, guarding livestock and kraaling.

Damage includes but is not limited to loss of livestock, reduced production, and damage to fences, water infrastructure and damage to rangeland.

Performance Criteria

- 1.1 Hazards associated with identifying problem animals are identified and controlled according to workplace procedures.
- 1.2 Personal Protective Equipment (PPE) is selected and used in accordance with safety requirements and workplace procedures.
- 1.3 Safety requirements are followed in accordance with safety plans and policies.
- 1.4 Problem animal/s are identified and problem caused described.
- 1.5 Magnitude of damage or impact of problem animal is described.
- 1.6 Problem animal management options are assessed and environmentally sustainable options proposed according to workplace procedures.
- 1.7 Equipment and methods to manage problem animals are determined and prepared according to workplace procedures.
- 1.8 Relevant licenses, permits and permissions needed for implementing the problem animal control program are described.

Element 2. Implement problem animal management programme

Range

Environmental impacts may include but are not limited to, results of the unsafe use and disposal of baits and incorrect placement of control measures and secondary poisoning of non-target animals.

Performance Criteria

- 2.1 Hazards associated with identifying problem animals are identified and controlled according to workplace procedures.
- 2.2 Select appropriate Personal Protective Equipment (PPE) in accordance with safety requirements and workplace procedures.
- 2.3 Safety requirements are followed in accordance with safety plans and policies.

- 2.4 Problem animal management methods are implemented according to regulation and workplace procedure.
- 2.5 Environmental impacts are continuously assessed and control tasks coordinated according to workplace procedures.
- 2.6 Control measures for the management of problem animal are regularly checked and maintained in accordance with workplace procedures.
- 2.7 Target and non- target animals are handled, identified, then released, disposed of or removed in accordance with workplace procedures and environmental standards.

Element 3. Complete problem animal management programme

Range

Relevant information may include but not limited to details of control program, equipment used, methods of application, location and severity of infestation, number of problem animals controlled, relocation details, carcass numbers and disposal procedures.

Performance Criteria

- 3.1 Carcasses of problem animals for research or other purposes are handled and/or disposed of according to workplace procedures.
- 3.2 Equipment and work areas are cleaned and maintained according to workplace procedures.
- 3.3 Results of control activities are reported according to workplace procedures.
- 3.4 Hazardous substances are removed and stored according to manufacturer’s guidelines, regulation and workplace procedures.

Registration Data

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