
Overview

This standard describes the competences required for planning and monitoring diets and feeding regimes for animals. It requires you to be able to specify diets and feeding regimes, and to monitor and evaluate the feeding of animals over a period of time.

The elements are:

1. Specify diets and feeding regimes
2. Monitor and evaluate the feeding of animals

Element 1 relates to identifying and specifying the appropriate diets and feeding regimes for animals. You will be able to identify the nutritional requirements of animals and the associated resources needed to meet these requirements. You will also communicate information on diets and feeding regimes to those responsible for feeding animals.

Element 2 involves the monitoring and evaluation of feeding. You will be able to monitor feeding and evaluate animal health and development. You will also take appropriate action when monitoring reveals the needs of the animal are not being met.

Performance criteria

You must be able to:

Specify diets and feeding regimes

- P1 identify the **nutritional requirements** of animals taking into account all relevant **factors**
- P2 identify the resources available to meet such **nutritional requirements** and assess their sufficiency
- P3 take appropriate action when resources are insufficient
- P4 specify diets and feeding regimes which achieve the best balance between animal health and well-being, and available resources, according to legislation
- P5 specify diets and feeding regimes to a level of detail sufficient to allow others to implement them
- P6 where necessary, make modifications to the dietary **plan** which are consistent with feedback received and the needs of the animals concerned
- P7 specify and organise personnel requirements to support routines and schedules
- P8 specify the arrangements for monitoring and reviewing diets and feeding regimes

You must be able to:

Monitor and evaluate the feeding of animals

- P9 select monitoring methods appropriate for the dietary plan, the animals concerned and those implementing it
- P10 **monitor** the feeding process at optimum times to assess progress and confirm adherence to plan
- P11 evaluate animal health and development against the specified objectives
- P12 identify any deviations from the plan and take the appropriate **action**
- P13 evaluate the effectiveness of the plan in meeting its objectives in the light of feedback about animal health and well-being
- P14 take the appropriate **action** in response to any unforeseen circumstances

Knowledge and understanding

You need to know and understand:

Specify diets and feeding regimes

- K1 the main sources of information available to establish dietary requirements
- K2 the factors in animal diets other than those affecting nutrients such as presentation, cost, method of feeding
- K3 the reasons for including any dietary additives or substitutes and the legislation which relates to such inclusion (e.g. the Food and Environment Protection Act)
- K4 the types of dietary additives which there are and their different purposes
- K5 the types of commercial substitute foods and vitamin/mineral supplements available - quantities required, common side effects or adverse effects of inaccurately calculated levels
- K6 the reasons for using different systems for feeding
- K7 the diseases and illnesses which require special diets
- K8 the sources of feedback on nutrition including condition and behaviour of animals, expenditure against budgets, and quantities of food uneaten
- K9 the actions to take if there are insufficient resources, including; changing the plans whilst still promoting animal health and well-being, and procuring more resources to meet shortfall
- K10 your own responsibility under health and safety and animal welfare legislation
- K11 how to communicate effectively with others

You need to know and understand:

Monitor and evaluate the feeding of animals

- K12 the factors to be monitored including animal behaviour and condition, quantities being eaten, and costs of feeding
- K13 how to monitor quality of outcomes of the feeding, quality of working methods and practice, resource use in feeding and scheduling effectively
- K14 the indicators of animal health and development and signs of ill health
- K15 the options available for changing feeding regimes within the plan
- K16 how to calculate the effectiveness of feeding in achieving animal growth and development
- K17 the methods available for modifying feeding regimes
- K18 the feed characteristics and function within feeding regimes
- K19 the dietary requirements of animals at different stages of life and in relation to the reason for them being kept
- K20 the factors to be taken into account when determining courses of action in unforeseen circumstances.

Additional Information

Scope/range related to performance criteria

Specify diets and feeding regimes

1. **nutritional requirements:**
 - 1.1. feed
 - 1.2. water
 - 1.3. supplementary feed
2. **factors:**
 - 2.1. type of animals
 - 2.2. age of animals
 - 2.3. condition of animals
 - 2.4. purpose for which animals are being kept
3. specify **plans** containing details of all of the following:
 - 3.1. content
 - 3.2. frequency
 - 3.3. quantity
 - 3.4. storage of feed
 - 3.5. preparation methods
 - 3.6. health and safety measures

Monitor and evaluate the feeding of animals

4. **monitor** the following aspects of the implementation of plans:
 - 4.1. quality of outcomes
 - 4.2. quality of working methods and practice
 - 4.3. resource use
 - 4.4. scheduling
5. **actions:**
 - 5.1. feedback information for the review of plan
 - 5.2. feedback information to those implementing plan on how their work should improve
 - 5.3. change resource use or allocation

LANNCU35 - SQA Unit Code F8J8 04

Plan and monitor animal diets and feeding regimes

Developed by LANTRA

Version number 1

Date approved October 2008

Indicative review date October 2010

Validity Current

Status Original

Originating organisation LANTRA

Original URN NCU35

Relevant occupations Agriculture, Horticulture and Animal Care; Animal care and veterinary science; Animal Care Services

Suite Animal Care V2

Key words nutritional, requirements, communicate, evaluation, health
