

Title	Demonstrate knowledge of poultry feeding and nutrition		
Level	3	Credits	7

Purpose	<p>This unit standard is for people working in a poultry production context.</p> <p>People credited with this unit standard are able to demonstrate knowledge of the process of digestion in poultry; identify the signs of nutrient deficiency, oversupply and imbalance in poultry; identify feed ingredients, and describe feed manufacturing, feed digestibility, and the effects of contamination in feed ingredients; and demonstrate knowledge of feeding systems, methods, and feeding levels for poultry.</p>
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Classification	Poultry Production > Poultry Husbandry
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Available grade	Achieved
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Guidance Information

None

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the process of digestion in poultry.

Performance criteria

- 1.1 Identify the components of the digestive tract and describe their role in the breakdown of food through the digestive tract.
- 1.2 Identify enzymes and other chemicals and substances involved in digestion in poultry and describe their location in the digestive tract and of their actions.
- 1.3 Identify the products of digestion and describe their absorption in terms of the site of absorption, transport, final destination, and use.
- 1.4 Identify the by-products and waste products of digestion and describe how the body deals with their treatment.

Outcome 2

Identify the signs of nutrient deficiency, oversupply and imbalance in poultry.

Performance criteria

- 2.1 Identify the signs of nutrient deficiency, oversupply, and imbalance exhibited by poultry in terms of their symptoms and cause.

Range behavioural, physical, egg production, egg quality.

Outcome 3

Identify feed ingredients, and describe feed manufacturing, feed digestibility, and the effects of contamination in feed ingredients.

Performance criteria

- 3.1 Identify and describe the major feed ingredients used in poultry diets in terms of their contribution to poultry nutrient requirements.

- 3.2 Describe feed digestibility in terms of the factors contributing to variability, and importance to poultry nutrition.

- 3.3 Describe the effects of the presence of anti-nutritional factors and mycotoxin contamination in feed ingredients in terms of cause and the symptoms exhibited by poultry.

Range behavioural, physical, egg production, egg quality.

- 3.4 Describe the feed manufacturing process in terms of the suitability of its products for each type of stock.

Range mash, pellet, crumbles, bio security, delivery, storage.

Outcome 4

Demonstrate knowledge of feeding systems, methods, and feeding levels for poultry.

Performance criteria

- 4.1 Identify feeding systems for poultry and describe their degree of automation, accuracy, and feed wastage.

- 4.2 Identify and describe feeding methods for poultry in relation to class of stock, sex of stock, and stage of production.

- 4.3 Describe feeding levels for poultry in relation to class and sex of stock, and their effect on poultry breeding, growth, and laying performance.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 1996	31 December 2020
Revision	2	20 July 1998	31 December 2020
Revision	3	16 May 2003	31 December 2020
Review	4	15 December 2004	31 December 2020
Review	5	27 June 2019	N/A
Rollover	6	15 December 2022	N/A

Consent and Moderation Requirements (CMR) reference

0052

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Muka Tangata – People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.