

# Animals in Intensive Production Systems

## Lecture Title: Avian Nutrition

**Lecturer:** Dr Courtney Dunne

Courtney works as a veterinarian within UVet. After graduating from the University of Melbourne in 2012, she pursued mixed practice and developed a clientele base with avian pets. She attained membership level qualifications with ANZCVS in Avian Health in 2016 and Unusual Pet Medicine and Surgery in 2021. Courtney holds a Graduate Certificate in University Teaching.

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## Intended Learning Outcomes

At the end of this learning activity you should be able to:

- Describe the general nutritional requirements of common aviary bird species
- Explain the different forms of feed available for captive caged and aviary birds.
- Portray the principles of biosecurity surrounding avian nutrition.

## Keywords

Animal production system; intensive; APS-I, aviary, birds, nutrition, Psittaciformes, Passeriformes, Columbiformes,

## Lecture Overview

This lecture will introduce you to the principles of nutrition for cage and aviary birds. It contains generalised information, forming the basis for most dietary considerations across the diverse species groups within this taxa. A birds' nutritional requirement is underpinned by its anatomy, physiology (including life stage) and its natural geographical niche. This lecture provides an awareness of these properties and how they relate to dietary provision for captive birds.

## Further Reading

- Speer, B. 2016. *Current Therapy in Avian Medicine and Surgery*. Elsevier, Missouri.
- Harrison GJ and Lightfoot TL, 2006. *Clinical Avian Medicine*. Spix Publishing, Florida.
- *Avian Medicine and Surgery in Practice: companion aviary birds*, 2<sup>nd</sup> edition, Doneley B
- Journal of Avian Medicine and Surgery.