



Course Code:	BIO301
Course Cost:	\$160 (inc GST) paid upon enrolment
Delivery:	Online
Badged:	Yes (Upon 100% Completion)

Course Overview

Welcome to the Biosecurity on Farms course. This course will provide you with the knowledge and strategies needed to help you protect your farm from pests, diseases, and invasive species, ensuring the health of your livestock, crops, and surrounding environment.

The Biosecurity on Farms course provides essential knowledge for safeguarding your farm from a variety of biological (living) threats. You will learn how diseases can spread through multiple pathways, such as animal contact, contaminated water, visitors, or wildlife.

Biosecurity measures act as a type of insurance for your farm, helping to prevent potentially devastating outbreaks before they occur. By putting proactive measures in place, such as regular cleaning protocols, controlling visitor access, and quarantining new animals, you reduce the risk of introducing harmful weeds, pests and diseases. These precautions can save you from costly treatments, production losses, and disruptions to your farm's operations. With a strong biosecurity plan, you can protect the health of your farm and maintain productivity even when external threats are present.

This course is ideal for:

- Farmers who want to enhance biosecurity measures on their farm
- Farm managers responsible for crops, pastures and livestock health
- Anyone involved in farm operations looking to prevent disease outbreaks

This course will include:

- **Introduction to Biosecurity on Farms:** An overview of biosecurity principles, the importance of disease prevention, and the main pathways of disease transmission.
- **Transmission Routes:** Learn about the ways a biosecurity threat can enter your farm... on the wind, through new livestock, visiting vehicles and people, in animal feed, and by wildlife.
- **Identifying Biosecurity Risks:** Learn how to spot potential risks on your farm, from animal interactions to contaminated water sources and equipment, and develop strategies to mitigate these risks.
- **Hygiene and Disease Prevention Practices:** Explore the role of proper hygiene, protective clothing, and vaccinations in reducing the spread of disease.
- **Movement Control and Farm Security:** Gain insights into controlling the movement of people, animals, and equipment on your farm to minimise biosecurity risks.
- **Zoonotic and Communicable Diseases:** Understand zoonotic diseases that transfer from animals to humans, as well as communicable diseases between animals, and how to prevent and manage these threats. Several common diseases are highlighted in the course.
- **Notifiable Diseases:** Learn about notifiable diseases that require reporting to authorities, how to recognise symptoms, and the immediate actions to take if an outbreak is suspected.

By the end of the course, you will be well-equipped with biosecurity strategies to protect your farm, animals, and yourself from harmful diseases.