

On-farm Biosecurity Risk Identification Framework for the Australian layer industry



Publication: 6 November 2019
Researchers: Kylie Hewson, Greg Underwood, Raymond Chia
Categories: Biosecurity & Flock Health
Tags: biosecurity, risk management, on-farm

This report provides a support tool for Australian egg producers to determine biosecurity risks on-farm. As well as assisting Egg producers in understanding what constitutes a risk and why, the report offers potential management strategies to decrease on-farm risks to biosecurity.



Biosecurity helps to protect hens from diseases that may cause morbidity or mortality, but also identifies food safety pathogens that may cause human illness (e.g. Salmonella). Minimising the incidence of disease in layers and the presence of human food safety pathogens are critical in maintaining a viable egg business. For consumer-friendly information on [eggs and salmonella click here](#).

This report is designed to help Australian egg producers identify biosecurity risks in their operation, understand why these are biosecurity risks, and provide an indication of how to improve the management associated with the risks. More specifically, this report identifies risks associated with the transfer of disease agents:

- to poultry associated with horizontal contact
- from an infected area to an uninfected area, and
- to humans.

This report provides producers a guide to:

- identifying biosecurity risks

- determining why each is considered a biosecurity risk, and
- some potential options available to reduce each risk.