

# What are the costs and benefits of farm-level biosecurity measures?

**Good biosecurity practices are known to benefit livestock health and productivity.**

**However, farmers are faced with countless management choices and have limited resources. Therefore, livestock producers are often forced to make difficult decisions and focus their time, effort, and money on the management practices that are the most economically viable.**

**BIOSECURE, a 4-year research project coordinated by Ghent University and supported by the European Union, aims to enable livestock farmers and decision-makers to understand, prioritise, and implement evidence-based, cost-effective, and sustainable biosecurity management systems.**

Within the project, there is a group of researchers searching the literature for comprehensive data on farm-level biosecurity to inform their economic models and answer the following questions as accurately as possible:

- What are the impacts of commonly-adopted biosecurity measures on the productivity of livestock animals and the incidence of livestock diseases and health conditions?
- How much are these improvements in productivity and health worth to farmers?
- How much does it cost farmers to implement these biosecurity measures?
- Do the benefits of these measures outweigh their costs, and if so, which measures are the most economically sound?



Farmers face countless management choices but have limited resources.

Data on the impacts of biosecurity on livestock health and productivity will help to inform economic models of biosecurity adoption

The results will enable farmers to prioritise their biosecurity practices and make economically sound decisions

[www.biosecure.eu](http://www.biosecure.eu)