

Biosecurity for livestock diseases in Europe: an overview of current knowledge

BIOSECURE, Kreavet, DISCONTTOOLS, and Animal Health Europe have together prepared a new eBook covering 30 diseases identified as important targets for biosecurity for the European livestock sector.

The work stems from the goal of BIOSECURE to review our current understanding of biosecurity throughout the livestock production chain, and across the principal terrestrial animal species farmed within Europe: poultry, swine, cattle, and small ruminants.

This book represents an important introduction to the diseases of most relevance for the European context, as identified by the Biosecure consortium in conjunction with DISCONTTOOLS.

The book is divided into three sections, the first covers and introduction to the key concepts of biosecurity. The second covers diseases which are endemic to Europe and are typically characterized by ongoing production losses and animal welfare issues. The third covers epidemic diseases of relevance to the European context. These diseases are often characterized by the potential for large scale outbreaks, with high morbidity and mortality, and are typically WOAHA notifiable diseases.

Each disease entry comprises a number of sections covering an overview of the disease, its prevalence in European countries, risk factors, knowledge on transmission routes, current control measures and biosecurity.

The book is intended to serve as a resource for future work on biosecurity, by summarising current knowledge on a range of relevant diseases, and can be further used to highlight knowledge gaps, and areas where further research is needed. This book will serve as a companion publication to a comprehensive database of epidemiological information being developed in parallel.

- A new eBook resource is published in collaboration with Animal Health Europe
- This book will serve as an up-to-date overview of biosecurity information across the livestock production chain
- Key features include: current practices and control measures, and risk factors for 30 diseases

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