



Biosecurity

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**ONE HEALTH Antimicrobial and Anthelmintic Resistance
Conference - Awareness to Action
Tullamore Court Hotel, 27th November, 2019**

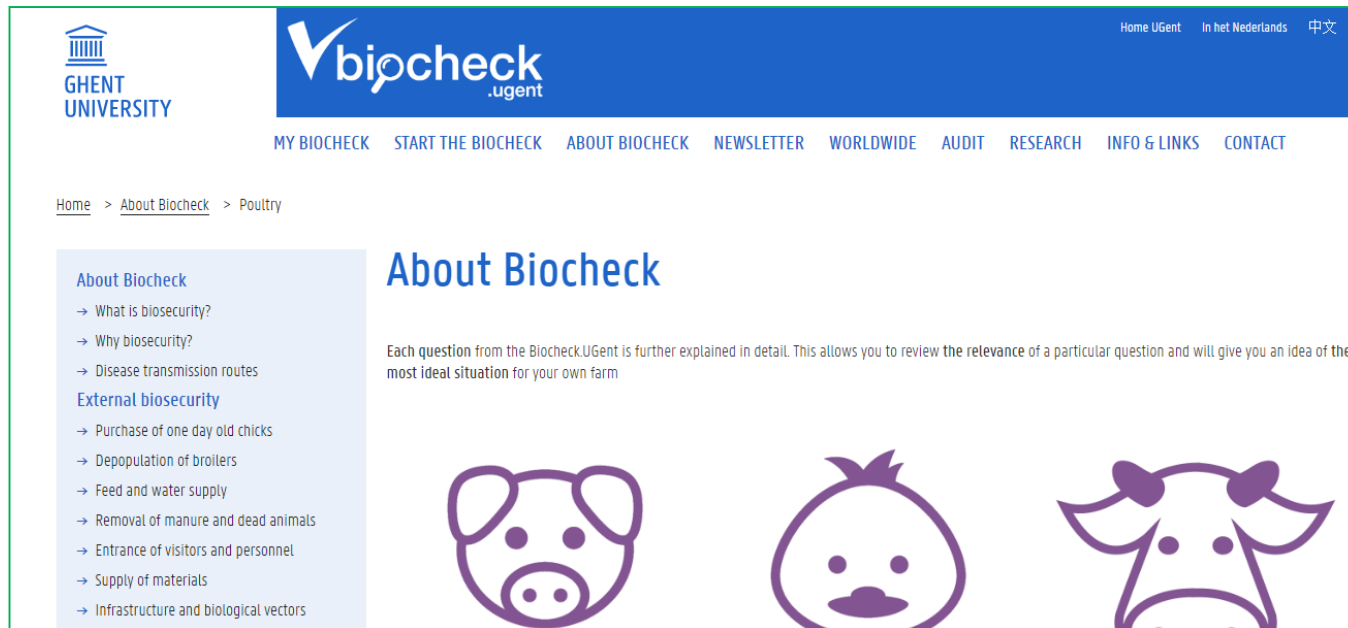
Biosecurity?

All measures taken to minimise the risk of introduction and spread of pathogens on the farm

- External: measures taken to prevent that pathogens can entering or leaving the farm.
- Internal: measures taken to limit or stop the spread of pathogens within a farm

TASAH-funded activities

- Biosecurity assessments



The screenshot shows the Biocheck.Ugent website interface. At the top left is the Ghent University logo. The main header is blue with the 'biocheck .ugent' logo and navigation links for 'Home Ugent', 'In het Nederlands', and '中文'. Below the header is a menu with links: 'MY BIOCHECK', 'START THE BIOCHECK', 'ABOUT BIOCHECK', 'NEWSLETTER', 'WORLDWIDE', 'AUDIT', 'RESEARCH', 'INFO & LINKS', and 'CONTACT'. The breadcrumb trail reads 'Home > About Biocheck > Poultry'. The main content area is titled 'About Biocheck' and includes a list of links under 'About Biocheck' and 'External biosecurity'. At the bottom of the content area are three purple line-art icons representing a pig, a chicken, and a cow.

GHENT UNIVERSITY

biocheck .ugent

Home Ugent In het Nederlands 中文

MY BIOCHECK START THE BIOCHECK ABOUT BIOCHECK NEWSLETTER WORLDWIDE AUDIT RESEARCH INFO & LINKS CONTACT

Home > About Biocheck > Poultry

About Biocheck




- What is biosecurity?
- Why biosecurity?
- Disease transmission routes

External biosecurity

- Purchase of one day old chicks
- Depopulation of broilers
- Feed and water supply
- Removal of manure and dead animals
- Entrance of visitors and personnel
- Supply of materials
- Infrastructure and biological vectors

About Biocheck

Each question from the Biocheck.Ugent is further explained in detail. This allows you to review the relevance of a particular question and will give you an idea of the most ideal situation for your own farm



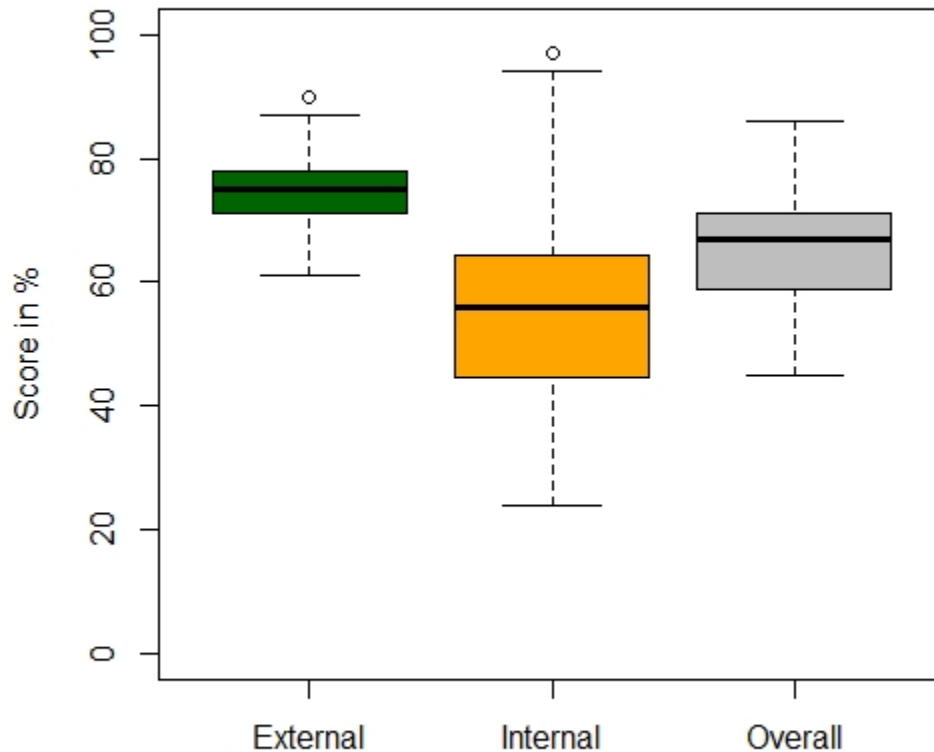
http://animalhealthireland.ie/?page_id=11041

NATIONAL PIG HEALTH PROGRAMME



Results so far

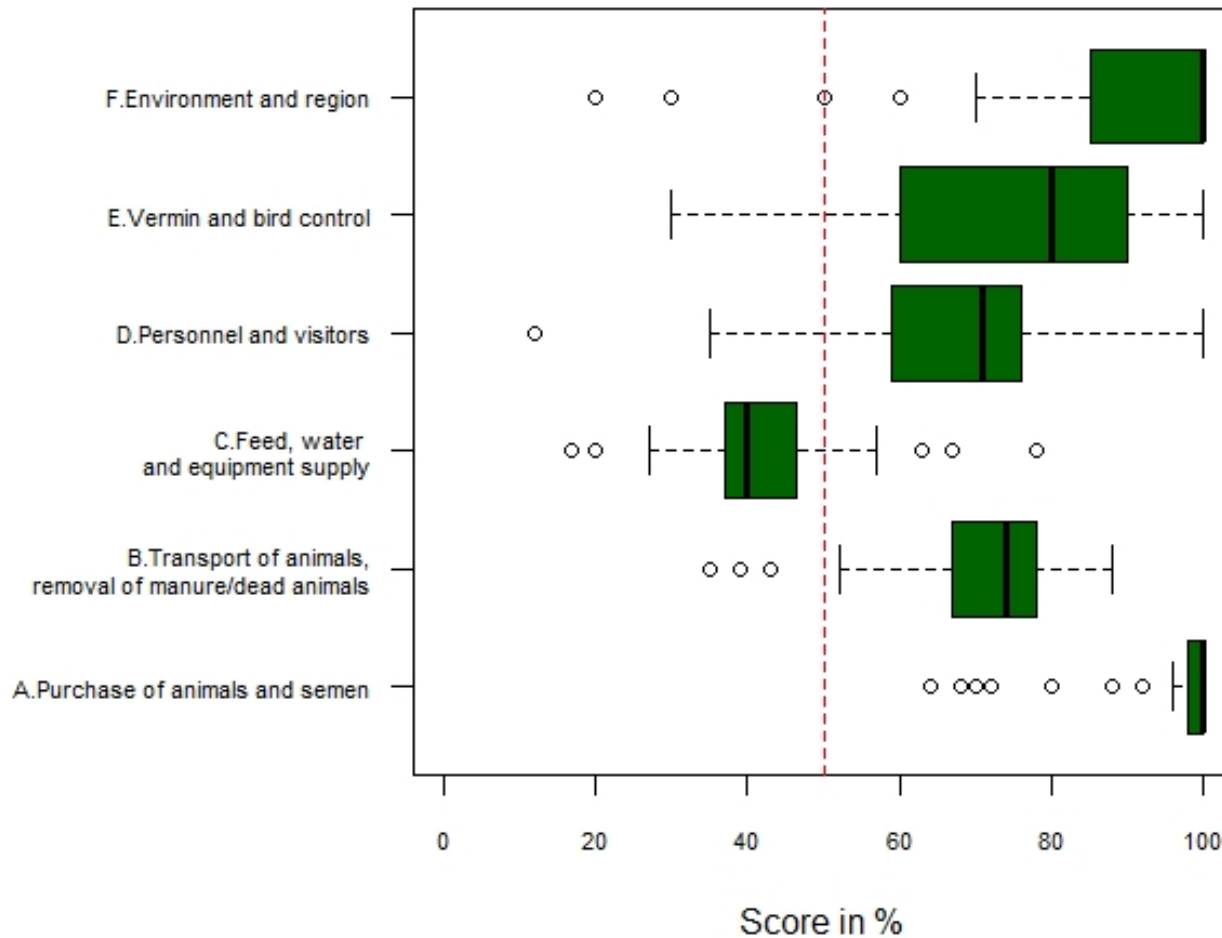
Biosecurity scores



95 pig units
assessed (31st
October 2019)

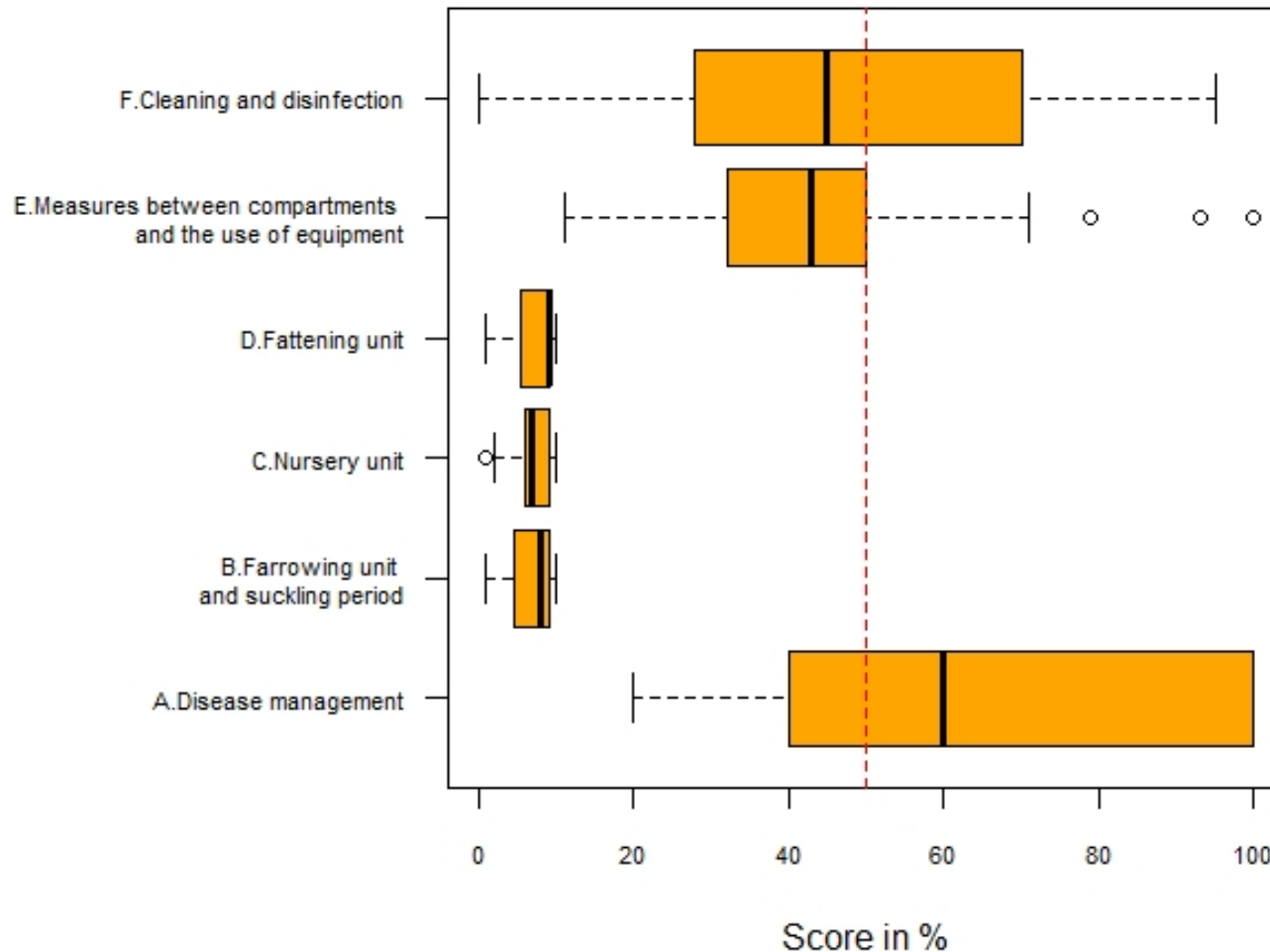
External biosecurity

External biosecurity



Internal biosecurity

Internal biosecurity



What to improve



New Animal Health Law

- Article 10 lays down the responsibilities of the Operator (i.e. farmer) for animal health and Biosecurity measures, which includes “Physical protection measures” (such as fencing, cleaning and disinfection, control of insects and rodents) and “Management measures” (such as quarantine, safe disposal of dead animals, etc)
- Article 12 lays down the Responsibilities of veterinarians, which includes: “take all appropriate measures to prevent the introduction, development and spread of diseases”
- Applicable in April 2021.

Other AHI activities

- Tail-biting risk factor assessment

AM/PM system

- ✓ Capture and reporting of abattoir data
- ✓ Farmer, PVP



http://animalhealthireland.ie/?page_id=14358

Take home messages

- The internal biosecurity of Irish pig farms requires improvement.
- How?
 - Improving the C&D procedures on farm
 - Implementing measures to decrease disease transmission between compartments/rooms
 - A clear separation between the clean and the dirty (risky) sections of the farm



NATIONAL PIG HEALTH PROGRAMME

