Clean Broilers: Controlling Campylobacter

Webinar
Thursday 24th June 2021
Welcome

Clean Broilers: Controlling Campylobacter Webinar

Prof. Declan Bolton
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Programme

1. Introduction and Training Video (Biosecurity) – Declan Bolton (Teagasc)

2. Regulatory Aspects – Lisa O’Connor (FSAI)

3. Campylobacter and Broilers: Updates – Paul Whyte (UCD)


5. Q&A
The ‘Clean Broilers’ Project
Objectives

- To improve biosecurity on broiler farms
- To establish the effect of feed type and antibiotic usage on Campylobacter carriage in broilers
- To determine Campylobacter contamination rates on Irish poultry (quantifying the improvements in recent years)
- To develop broiler crate cleaning and carcass decontamination technologies
- To identify sources of contamination during carcass processing
- To harmonise Campylobacter testing and data storage
- To provide training for farmers & processors
What are Campylobacter?

- Bacteria that causes serious illness in humans
- Diarrhoea, fever, nausea, vomiting, abdominal pain, headaches, muscle pain & Guillain-Barre Syndrome (a disorder where your body's immune system attacks your nerves)
- Estimated 9 million cases per annum in the EU costing €2.4 billion.
The importance of poultry

- Poultry are the main source of the Campylobacter (50-80% of human cases).
- Many of the 70 million broilers produced in Ireland each year are infected with Campylobacter.
- Although challenging, Campylobacter must be controlled on the farm.
Figure 3. Prevalence of *Campylobacter-*colonised broiler batches in the EU*, 2008
Figure 5. Prevalence of *Campylobacter*-contaminated broiler carcasses, based on the combined results of the detection and enumeration method in the EU*, 2008

90.3%
A Short training video

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achieving it in practice can be very difficult,
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