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## Biosecurity Beyond the Barn- One step in keeping African Swine Fever (ASF) and other diseases out of your barn...

On March 26<sup>th</sup>, 2019 the London Swine Conference hosted a session put together by the OAHN swine network titled “Biosecurity Beyond the Barn”. Tyler Jutzi, the Vice President of Brussels Transport & Marlon Bauman from Vernla Livestock Inc. compiled a presentation on biosecurity from a transporter’s perspective.

A Danish Entry is one of the most effective defenses against keeping swine diseases out of barns. A Danish Entry provides a way for truck drivers to get into their clean trailers and prevent any outside contamination. It provides a clear area where truck drivers are required to change into coveralls and boots and provides shelter from the weather. **“It’s 2019, drivers shouldn’t have to climb into a trailers anymore and get soaked in the process. We should be able to build good enough entrances that these drivers are comfortable and safe while changing and the barn staff need to keep it clean”-Tyler Jutzi**



← Pic 1:  
Danish  
Entry

Pic 2: →  
Proper  
stairs for  
safety



Pic 3: →  
Avoid  
ladders as  
they are  
dangerous  
in the  
winter





Below is a summary of some simple things producers can do to help truck drivers abide by proper biosecurity on their farm:

- The door to your Danish Entry room should swing outward so that the entire inside space is available for changing clothing
- Please use steps with a non-slippery surface leading up to your Danish Entry room and avoid the use of ladders that become covered in ice during the winter
- The bench should be kept clean so the driver can sit down on a clean surface and change into clean footwear
- A simple hook for drivers to hang their coats/outer clothing on
- A baseboard heater or safe heat source is a bonus in the winter
- The loading area should have a double gate, where one gate swings back across the hallway to stop any pigs from going back into the barn and a second gate that swings back to cover the entrance into the change room area



Pic 4:  
Demonstration  
of a double  
gate system for  
loading pigs

Source Pic 4: Marlon Bauman and Tyler Jutzi

Tyler Jutzi also mentioned that it is good idea to take pigs off of feed at least 8 hours before shipping. Hogs that don't have a full stomach keep the plant docks cleaner and helps prevent injuries from slipping for both the pigs and the handlers. These pigs are also much easier to move and drivers have an easier time getting them loaded and offloaded from the trailer. A clean trailer is easier to wash for the next load and makes it easier for truck drivers to clean their boots and coveralls.

**Ensuring that you have the items on this list keeps the drivers happy and therefore employed in the livestock transportation industry. Truck drivers have a lot of options today and making things difficult for them makes them harder to keep.**

Source: Text from *Prairie Hog Country* article- April/May 2019 edition



# OAHN Erysipelas Project

## The OAHN Swine Network's Erysipelas Project is well underway...

The OAHN Swine Network initiated a project to support the isolation of Erysipelas from suspect cases that will help us investigate and gather more information on why swine producers are seeing more cases. This project has funding to conduct further genetic testing (genotyping of isolates). This way we will be able to compare past and current isolates to see if they are the same or different.

**There is still time to get samples in for complimentary testing as part of this project. The OAHN Swine Network is encouraging veterinarians and producers to submit fresh or frozen tissue samples of the spleen and liver from suspect Erysipelas cases (swine exhibiting diamond shaped skin lesions) to the Animal Health Laboratory (AHL). Testing and courier fees will be covered by this project.** Samples will also be solicited through swine processing plants. For more detailed information on this project please contact Dr. Tim Pasma [tim.pasma@ontario.ca](mailto:tim.pasma@ontario.ca)

# Porcine Epidemic Diarrhea (PED) & Porcine Deltacoronavirus (PDCoV) Update

## High number of new sites detecting PED and PDCoV in Q1...

During Q1 2019 there were 5 new sites that detected PED, 4 new sites that detected PDCoV and 1 new site that detected both PED and PDCoV in Ontario. To summarize there were 10 new sites that detected PED and/or PDCoV during Q1. Dr. Christine Pelland reported that there were connections known amongst some of these sites and that all are working with their herd veterinarians on containment of virus and preventing further of spread of disease.

- Jan 25, 2019: PED, finisher, Oxford County
- Feb 01, 2019: PED, finisher, Wellington County
- Feb 02, 2019: PDCoV, finisher, Bruce County
- Feb 14, 2019: PED, farrow to feeder, Grey County
- Feb 20, 2019: PED & PDCoV, finisher, Huron County
- Feb 20, 2019: PED, farrow to finish, Huron County
- Feb 20, 2019: PED, finisher, Perth County
- Feb 27, 2019: PDCoV, finisher, Bruce County
- March 06, 2019: PDCoV, nursery, Bruce County
- March 27, 2019: PDCoV, finisher, Perth County

**PED and PDCoV are still pathogens of concern for Ontario's swine producers. This summary greatly supports the need for enhanced biosecurity practices being implemented by swine farmers. Biosecurity involves both on farm and beyond the farm aspects.**



## How can producers engage in OAHN?

Read our quarterly producer reports and let us know what you think!

Discuss the material included in these reports with you herd veterinarian and other swine producers. Help us spread the word!

## Contact Us!

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Have an idea for a podcast you'd like to hear? [Let us know!](#)

## Meet your OAHN Swine Network Team:

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