SURVIVABILITY AND INFECTIVITY OF PED VIRUS IN SOIL

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Objective:

- Test the effects of different soil types, temperatures, and incubation period, representative of different environmental conditions across Canada, on PED virus survivability and infectivity in soil amended with the PEDv-positive manure in a laboratory setting.
- Test the effects of ammonia injection into PEDv-positive slurry on survivability and infectivity of PEDv in the slurry and following application of treated manure into the soil.

Project status:

Work is scheduled to begin in 2020. Results expected in 2023.

Financial support for this project

This project is part of the Swine Cluster 3 (2018-2023) research program, made possible through financial support from Agriculture and Agri-Food Canada's Canadian Agricultural Partnership, eight provincial pork producer organizations and over 30 industry partners. Click here to learn more about the financial partners for Swine Cluster 3.