CBTS Distinguished Speaker Series

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MAJOR ENHANCEMENT OF U.S. SWINE INDUSTRY BIOSECURITY

What does this really mean for a production system and how on-farm biosecurity, pig movement data, can help explain the between-farm disease dissemination?

The well-established U.S. Secure Pork Supply (SPS) Plan for Continuity of Business serves as a guideline for enhancing the biosecurity features of swine farms to improve preparedness for outbreaks of foreign animal diseases. Although the role of biosecurity is well understood in preventing disease spread, the U. S. swine industry lacks knowledge of individual farm biosecurity plans and the efficacy of existing biosecurity measures.

The Rapid Access Biosecurity (RAB) app (RABapp™) consortium aimed to 1) reduce ambiguity regarding the construction of on-farm enhancement biosecurity plans; 2) provide rapid access to standardized biosecurity plans at a national level; and 3) track movements between farms allows for the ability to efficiently develop disease spread transmission model and transform these models into decision support tools for animal health official and swine industry. As a result, the RABapp™ project was developed by an assembled consortium of the swine industry, government officials, and academic scholars' members. This study focuses on demonstrating the steps to enhance the on-farm biosecurity of individual swine farms and implement effective contact tracing by tracking between-farm movement data to help prevent the spread of infection to other farms.

Thursday, March 23rd
2 - 3 pm CST (3 - 4 pm EST)

Virtual via Teams - Join Here
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