

Porcine Epidemic Diarrhea Virus



Bio-Security!

(some findings to-date from University of Minnesota study of PEDV epidemic)

- About 10 times the number of positive sites reported pig additions from another site in the operation compared to negative sites
- About 3.5 times the number of positive sites reported borrowing equipment from another site compared to negative sites
- About 2.5 times the number of positive sites reported seeing a moderate to severe problem with birds near the site compared to negative farms
- About double the percentage of positive sites had dead haul vehicles visit the site in the two weeks preceding infection
- About 20% more negative sites used disinfectant on the chute floor in between every loading or unloading of pigs compared to positive sites

PEDV was first reported in USA May 2014

Similar to TGE (Transmissible Gastro-Enteritis - a viral disease swine producers and veterinarians have successfully managed for decades)

Spread by vectors carrying the virus around, especially by tracking mud, manure, and such from one place to another

Reports of herds experiencing 50-80% mortality in piglets; sows with fevers and off-feed a few days

TGE vaccines do not seem to provide protection.

There is no effect on food safety; no effect on humans.

Be vigilant with cleaning and disinfecting your vehicles and people! This goes a long way to preventing bringing anything unwanted home with you. (There are many bugs out there that can cause similar problems).

Another factor to consider: if this pig does happen to be carrying this (or any other problem that you don't want at home), hauling stress may create a situation where the cause manifests itself as a problem within a few days of the movement.

Improve your odds of not spreading it to your home stock. Isolate incoming pigs for a couple of weeks when you do get it home. Maybe even pull through a car wash an hour or 2 away from home and hose everything down.