

Become Educated and Help Stop the Spread of PEDv

What is PED Virus?

Porcine epidemic diarrhea (PED) virus is a disease occurring only in pigs, caused by a coronavirus that produces acute and severe outbreaks of diarrhea that rapidly transmits among all ages of pigs.

- Up to 100% mortality in pigs < 3 weeks of age
- It is not a zoonotic disease so it does not affect people or other species
- This does not pose any risk to food safety



Is PED Virus really a threat? → **YES!**

- PEDv is highly infectious
- First confirmed case April 2013
- Over 2,500 confirmed cases, 23 states

It had previously been reported only in commercial operations; however, **in January a number of showpig operations in the Midwest have confirmed PEDv exposure in their herds.**

*“With the stock show season upon us, accompanied by frequent travel and interaction, we need to know that the introduction of this virus into Texas hog operations is a serious on-going threat. Producers should always be aware of who’s coming in contact with their livestock and where those people may have been previously. And **EVERYONE**, not just producers, should exercise caution and be diligent in biosecurity practices.”*

Jay Winter
Texas Swine Health Commissioner

How can the virus be spread?

- Fecal-oral is clearly the predominant means of spread among pigs
- High concentration of the virus is shed in feces
- Profound stability of the virus in the environment

That means anything that manure and the virus contacts can be a source of infection; clothing, footwear, trucks and equipment serve as easy carriers. **You do not have to come in contact with hogs to transfer the virus.** Walking into a contaminated barn can increase risk for disease spread. Knowing the PEDv status of an area, herd or market, lets you take precautions so you don’t spread the virus or bring it back home. Do not be responsible for transferring this disease.

*Diseases like to “Hitch a Ride” so separate yourself from cross contamination.
Control the accidental spread of disease!*

What can I do to prevent the spread of PED Virus? → **Proper Biosecurity!**

Biosecurity is a collection of management practices designed to minimize the risk of disease introduction and spread.

At the Show

- Assess your pig’s health on a daily basis
- Keep your area clean and free of manure contamination
- Do not share equipment with other exhibitors
- Do not bring your pets (cats or dogs) to the show

When Returning Home from the Show

- Best practice is to place pigs in isolation; a designated area away from other pigs
- Have dedicated boots and clothing for isolation only
- Designate tack/equipment for use only at isolation
- Cleaning and Disinfection is a **MUST**

Proper Cleaning & Disinfection Protocol

All vehicles, trailers, and equipment, including feeders, buckets, sort-boards, etc. need to be thoroughly cleaned, disinfected, and dried.

- Power-wash clean and free of any visible manure or shavings
- Completely cover with an appropriate disinfectant, such as Roccal-D Plus, Nolvasan, etc.
- Allow to dry completely in sunlight

* More information on PEDv can be found through National Pork Board, TPPA, or your veterinarian.



Information provided through research by
National Pork Board and various universities

