

PEDV, PDCoV and Senecavirus A: Industry Surveillance Update

December 2017

What Producers Can Do To Reduce Risk

- Pay close attention to transportation biosecurity, and treat any contact with assembly yards and processor docks as a risk for cross contamination
- Discuss assembly contact, biosecurity and wash-and-disinfect protocols with your transporter
- Consider farm protocols to reduce disease transmission risks
- Review biosecurity protocols with your veterinarian if you deliver directly to assembly or processing plants

As part of ongoing industry efforts to control and eliminate Porcine Epidemic Diarrhea virus (PEDV) and Porcine Delta Coronavirus (PDCoV), OSHAB in collaboration with Swine Health Ontario continues to conduct environmental testing at participating processor docks. Although very few on-farm cases of PED remain, industry contact points such as assembly and processor docks are still a risk for disease transmission.

Environmental testing for Senecavirus A (SVA) has been included in surveillance efforts since April to assist in our understanding of the prevalence of this pathogen at high risk industry contact points.

Results

- PEDV, PDCoV and SVA are still being detected at some Ontario assembly yards
- PEDV and PDCoV still being detected at processor docks.
- Producers and transporters should assume that contact with assembly yards or processor docks is a risk for cross contamination of transport.

Processor Dock Surveillance Summary

With the advent of colder weather, there has been an increase in PEDV and PDCoV positive environmental samples at processing docks as the red circle on the graph below demonstrates.

