

Swine Health Ontario Update: PEDv and US Returning Trailer Vigilance for PRRS 1-4-4

New Porcine Epidemic Diarrhea virus (PEDv) cases in Ontario have dropped substantially with only three new cases reported in 2021. This decrease in cases is a great testament to the increase in biosecurity measures taken and vigilance of all stakeholders in working to control PED.

What is being done

In addition to farm level reporting of new cases, routine swabbing continues on receiving docks at slaughter plants in Ontario and Quebec. Slaughter plants continue to be diligent in scheduling known or suspected PEDv-positive hogs for segregated receiving and in cleaning docks to prevent the spread of PEDv back to farms. Results from the routine swabbing shows a downward trend in the frequency of positive swabs in both Ontario and Quebec.

Keep up the good work

This is not the time to sit back and enjoy the decrease in PEDv cases. With the emergence of 1-4-4 strain of Porcine Reproductive Respiratory Syndrome virus (PRRSv) in the US last year and its significant financial and welfare impacts on farm, we would like to remind producers and transporters moving hogs and trailers to and from the US to remain vigilant on cleaning trailers on return from the US. Currently there are no known cases of 1-4-4 strain PRRSv in Ontario and we need to do our outmost to keep this strain from entering our industry.

Everyone in the production chain should continue to maintain the good biosecurity habits we have implemented so we can work towards full eradication of PEDv from both Ontario and Canada and prevent incursion of the PRRS 1-4-4 strain.

How you can help to reduce disease transmission

1. Review with your staff the importance of monitoring for clinical signs
2. Ensure all trucks/trailers that touch farms are washed, disinfected, and dried whenever possible, particularly if they have recently returned from the US
3. Minimize the need to pick up market hogs from multiple locations whenever possible
4. Review your biosecurity protocols with your veterinarian
 - a. Focus should be placed on the loading chute area
 - b. See the Fact Sheets section of your Canadian Pork Excellence (CPE) PigSAFE PigCARE Producer Manual for more information on cleaning and disinfection, including liming
5. For transporters, review your truck wash standard operating procedures and disease prevention plans with a veterinarian

Biosecurity resources can be found online at:

<http://www.swinehealthontario.ca/Biosecurity>

<https://www.opic.on.ca/bio-security-resources>

<http://www.ontariopork.on.ca/Resources/Animal-care>

<https://www.cpc-ccp.com/file.aspx?id=101ace14-20d3-49d2-a629-956b43b2037c>

<https://www.cpc-ccp.com/resources/training-videos>

For more information, contact Swine Health Ontario at info@swinehealthontario.ca or call 519-767-4600 ext. 1401.