

R&D Snapshot

The Epidemiology of Porcine Epidemic Diarrhoea Virus (PEDv) and its Potential for Introduction into Australia

Investigator: Eric Neumann

Purpose:

- To inform the Australian pig industry about PEDv and identify the risk and potential for introduction to and spread within Australia.

Take home messages:

- Given the “clean” status of the Australian pig herd, PEDv will devastate breeding herds and weaner populations
- Border security measures and farm biosecurity should be maintained
- There is negligible risk of introducing the virus through feeding porcine plasma or through contamination of imported or domestic feed ingredients as long as:
 - Standard time/temperature requirements are stringently adhered to;
 - Good manufacturing processes (including contamination control post-processing) are in place; and
 - The material is stored at room temperature or above for at least three weeks.
- Strictly adhering to AIAO management, is much more effective than continuous flow management in stopping the spread of PEDv
- On-farm Biosecurity should not only relate to stopping the spread of diseases we know may be present, it must also take into consideration the potential for exotic disease spread.

Additional information:

- Contact Pat Mitchell at pat.mitchell@australianpork.com.au or 03 5488 2306 for additional information.

