CWSHIN

Canada West Swine Health Intelligence Network

CWSHIN Manager
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CWSHIN is a surveillance system with strength in:

- Building a network of swine practitioners and other swine health experts
- Sharing information and experience on clinical disease in swine herds
CWSHIN’s vision is to serve western swine producers and swine practitioners

For diseases present in western Canada (domestic diseases) to:

- Detect emerging swine health issues early
- Integrate information for response to regional health issues
- Provide western Canadian producers and veterinarians with information about endemic diseases

For diseases absent in western Canada to:

- Detect emerging swine health issues early
- Provide evidence of the absence of disease to support trade
Tools

Data sources

Improve analysis of existing data

Value added to surveillance data for producers & practitioners
Analysis and interpretation

Exudative Epidermitis example

SPC (statistical process control) curves applied to clinical impression data

One laboratory reported an increase in Staph. hyicus detection

![Graphs showing analysis and interpretation of exudative epidermitis example.](image)
Analysis and interpretation

Erysipelas example

Quarterly clinical impression surveys

Monthly condemnation rates from federally inspected abattoirs
CWSHIN

as part of a national network