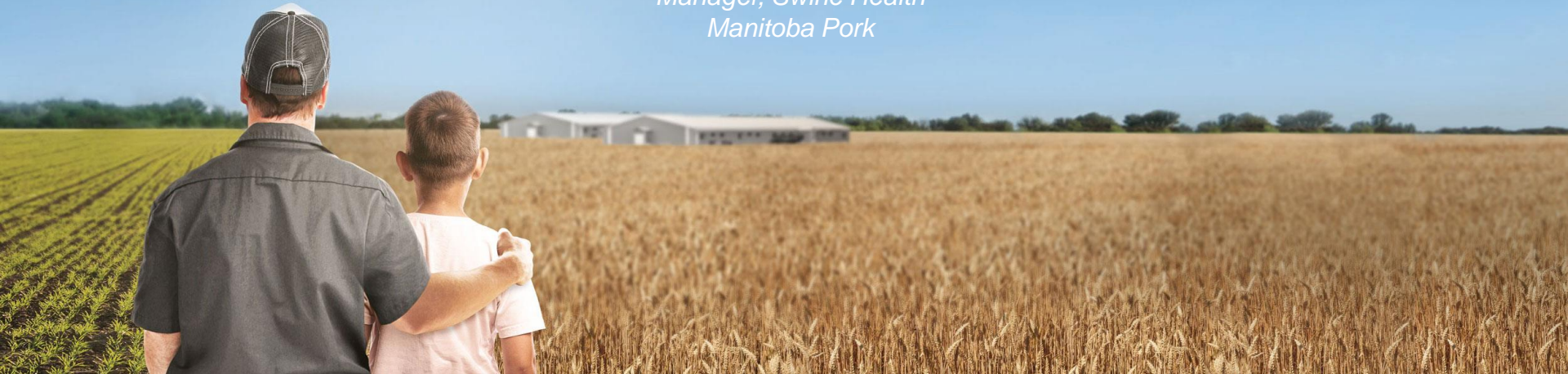


SWINE HEALTH: A YEAR IN REVIEW

Jenelle Hamblin

*Manager, Swine Health
Manitoba Pork*



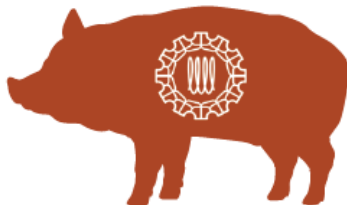
The Last Twelve Months....

PED

Senecavirus
A

ASF
Planning

Swine
Influenza



AFRICAN SWINE FEVER

African Swine Fever (ASF) cannot be transmitted to people and is not a food safety concern.

ASF cost over \$10 billion in the first year of an outbreak.

BIOSECURITY
Preventive measures to avoid disease.

ON FARM:

- No pigs or products to the farm
- Shower & Change clothes
- Footwear Disinfection
- Staff Training
- Restricted access
- Barn sanitation

OFF FARM:

- Monitor all farm activities
- Reduce farm visits
- Truck wash/kill
- Bio secure enclosures
- International travel awareness
- Airport detector dogs

WHO IS INVOLVED IN PROTECTING CANADIAN PIGS FROM DISEASE?

• Canadian Food Inspection Agency (CFIA)	• Veterinarians	• Processing Plants
• Local, Provincial, Federal Governments	• Canada Border Services Agency (CBSA)	• Pork Industry Associations
• Farmers	• Livestock Transporters	

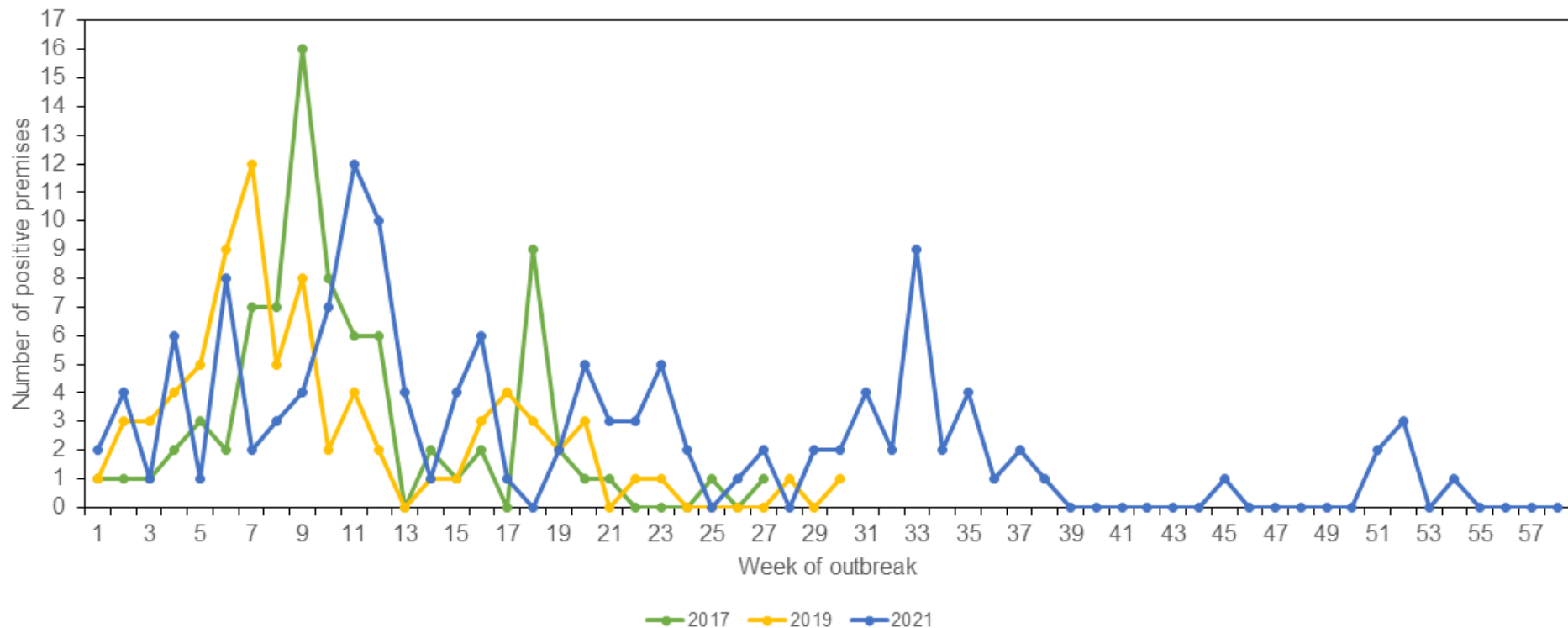
Manitoba has very strong biosecurity programs designed to protect our pig producers.

Manitoba is the #1 pig producing province in pig producers.

ManitobaPork



Weekly incidence of PED positive premises in 2017, 2019 & 2021



The Current State

128 confirmed PED cases in 2021/2022

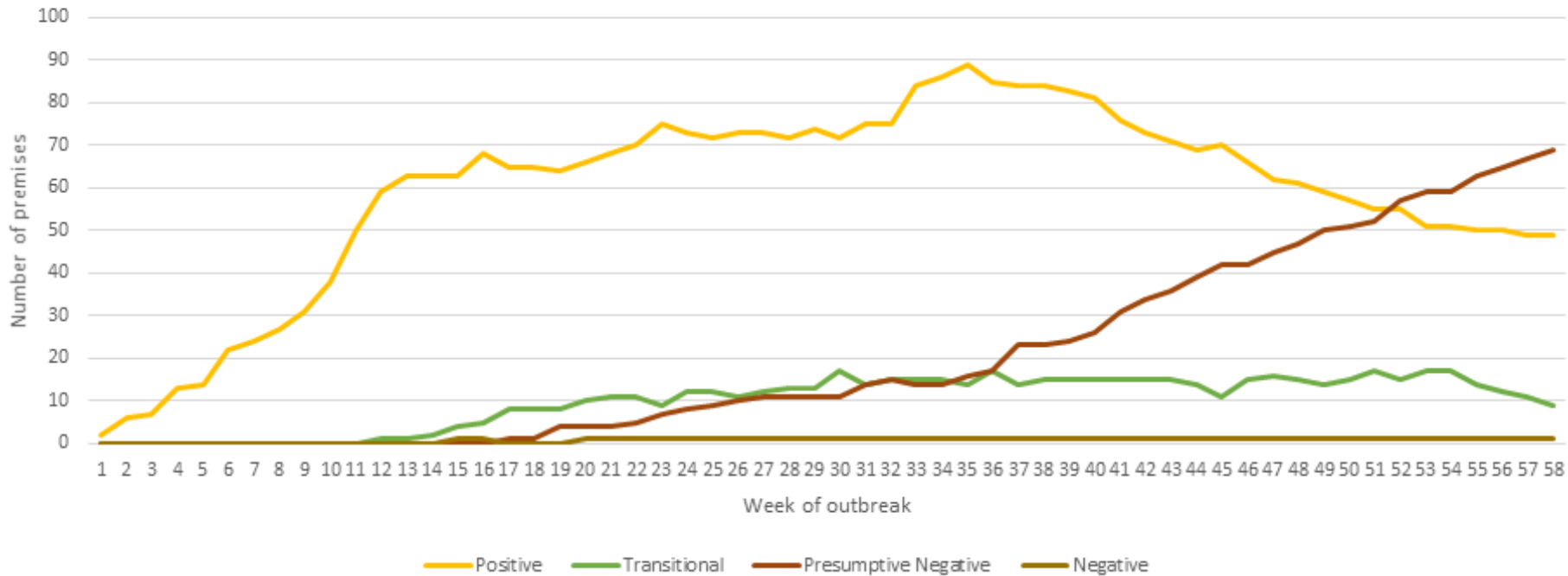
35 sow; 26 nursery; 61 finisher; 6 farrow to finish



Of the 128 cases

49 are Positive, 9 Transitional, 69 Presumptive Negative, 1 Full Negative

2021 PED Outbreak - Cumulative Premises by Status



Future of PED Working Group

- Established February 2022

01

Outline both short- and long-term PED management strategies in MB.

02

Assess possible tools that could be employed (retain immunity, eradication, stamp it out, etc.)

03

Determine the impacts of the strategies used in the high-risk area on other areas of MB.

04

Provide outreach and messaging to the sector on PED management moving forward.

PED Strategy Review

- WCVI commissioned by MPC
- Focus is on specific aspects of PEDv control
 - Elimination, Gilt Exposure, Running Positive, Endemicity, Vaccination
- Information collected through scientific literary search and direct interviews with veterinarians with PED experience in hog dense areas
 - Iowa, Minnesota, Kansas and North Carolina

Path Towards PED Elimination

Goal

Eliminate 96% of PED Infections by 2027

Objectives

Reduction of Infected Farms Over Time

Shorten time to Transitional Status

Develop Farm Level protocols for PED management

Enhance Biosecurity Sector-wide

Interventions

Manage Ongoing Risk

Rapid & Aggressive Response

Limit Movement of Infected Animals

Development of PED Elimination Plan

Outline Biosecurity Practices based on Risk

MPC Working for our Sector through SVV

MPC, CVO, CFIA & Industry collaboration to reestablish US trade

- Significant time and effort

Outcome: SVV Action Plan for Assembly Yards in MB

Expanding to establish a national plan for diseases of significance

Quick and effective management of issues builds trust with our trading partners, within our sector and with the public

ASF Preparedness & Planning

- Working with MB Ag & CFIA regarding how to collectively respond to an ASF outbreak
 - Includes participation on numerous provincial, Western Canada, and national working groups
- MPC's Crisis Communications Strategy outlines public, government, producer and stakeholder communications
- Herd reduction planning/projects happening between MPC, other provincial organizations, CPC, the Province, CFIA
- MPC to further engage producers in emergency planning efforts

Swine Influenza

- Variant swine influenza case confirmed in MB in Dec 2021
 - Tested for influenza after negative for COVID
 - Those impacted fully recovered
- Internationally reportable disease following 2009 H1N1 pandemic
- Public perception of livestock disease management impacts public trust
- Reminder that flu poses a ONE Health risk and precautions should be taken

Collaboration Key to Success

- MB CVO integral in development of PED, SVV and ASF plans and response to emergent health incidents
- CFIA negotiations with USDA necessary to reestablish trade
 - This was taken seriously and responded to appropriately
- Ensuring strong working relationships is key



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canada

Take Home Messages

Farm level
emergency/FAD
preparedness plans are
an important tool

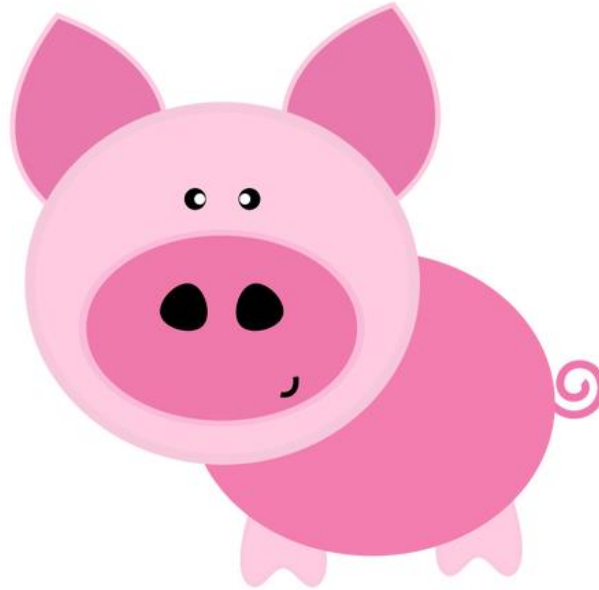
Consistent biosecurity a
MUST on-farm & when
visiting high traffic
facilities

Our Response to
Emergent Health Issues
Impacts Public Trust

Suspicious illness ne
to reported to the herd
vet immediately

PED Elimination needs
a sector wide response

Questions??



Jenelle Hamblin
Manager, Swine Health
Manitoba Pork
jhamblin@manitobapork.com