

## SUPPLEMENTARY MATERIAL

# Detection of *Lawsonia intracellularis* by oral fluids and fecal samples in Canadian swine

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A short questionnaire was created to obtain site demographics including province, the detection and diagnosis of *Lawsonia intracellularis* in the past 2 years, the use of *L. intracellularis* vaccines before 2021, the strategy of ongoing *L. intracellularis* vaccination, the presence of clinical signs of enteric disease, or common endemic diseases (eg, porcine reproductive and respiratory syndrome virus, porcine circovirus type 2, and *Mycoplasma hyopneumoniae*). The questionnaire was distributed to herd veterinarians of enrolled sites at the beginning of the study via Microsoft Teams (Microsoft Corporation), completed by the veterinarian at the time of sampling, and returned to investigators over the course of the study.

## *Lawsonia* Surveillance Project - Farm Information

Please answer this survey for EACH FARM enrolled in the project

\* Required

1. Veterinary Clinic\*

- \_\_\_\_\_
- \_\_\_\_\_

2. Herd Veterinarian \*

\_\_\_\_\_

3. Veterinary Student (if applicable)

\_\_\_\_\_

4. Farm Name and Location (town, township, other) \*

\_\_\_\_\_

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JA: Zoetis, Parsippany, New Jersey.

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5. Project Farm Identifier (E.g. ON-1-V = Ontario - Farm 1 - Vaccinated) (E.g. ON-2-NV = Ontario -Farm 2-Non-vaccinated) \*

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## DISEASE HISTORY ON FARM/FINISHER SITE

6. Select diseases that are endemic on this farm (or finisher site).

Mycoplasma hyopneumoniae

PRRSv

Influenza

\_\_\_\_\_  
Other

7. List any other diseases that are currently of concern on this farm/finisher site.

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8. Is there a history of ileitis (clinical signs or positive diagnostics) on this farm/finisher site within the past 2 years? \*

Yes

No

9. Is there a history of vaccinating for ileitis on this farm PRIOR TO 2021? \*

Yes

No

10. If yes, what product was used to vaccinate pigs for ileitis PRIOR TO 2021? \*

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## CURRENT ILEITIS VACCINATION STATUS

11. Is this farm currently vaccinating pigs for ileitis? \*

Yes

No

12. If yes, what product is used for vaccination?

- Enterisol Ileitis (Boehringer Ingelheim)
- Porcilis Ileitis (Merck Animal Health)
- \_\_\_\_\_  
Other

13. If "other" ileitis vaccination is used in question 11, please specify brand name.

\_\_\_\_\_

14. If an ileitis vaccine is used, what dose is being administered?

- Full Dose
- \_\_\_\_\_  
Other

15. If "other" dosage is being used in question 13, please specify the dose.

\_\_\_\_\_

16. If the farm is using an ileitis vaccine, is it being mixed with another vaccine?

- Yes
- No

17. If yes the ileitis vaccine is being mixed, please specify what other vaccine it is mixed with.

18. If the pigs are vaccinated for ileitis, what age(s) in weeks are they when they receive the vaccination?

## DESCRIPTION OF PIGS TO BE SAMPLED FOR ILEITIS SURVEILLANCE

The same pens of pigs are to be sampled at mid-finisher (15-17 wks of age) and late-finisher (20-22 wks of age).

19. How many pigs are in the barn being sampled? \*

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20. Approximately how many pigs per pen are there in the sampled pens? \*

21. Mid-Finisher Pigs: Is there any signs of loose stool/diarrhea/perinea! staining in these pigs?\*

- Yes
- No

22. Mid-Finisher Pigs: If “yes” to question 18, please describe.

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23. Late-Finisher Pigs: Is there any signs of loose stool/diarrhea/perinea! staining in these pigs?\*

- Yes
- No

24. Late-Finisher Pigs: If “yes” to question 20, please describe.

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## MEDICATION

25. If WATER medication is routinely used in this farm’s finisher pigs, describe PRODUCT and DOSE.

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26. If WATER medication is routinely used in this farm's finisher pigs, describe AGE OF PIGS WHEN WATER MEDICATION is given and NUMBER OF DAYS OF EACH PULSE.

27. If FEED medication is routinely used in this farm's finisher pigs, describe PRODUCT and DOSE.

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28. If FEED medication is routinely used in the farm's finisher pigs, describe AGE OF PIGS WHEN FEED MEDICATION IS GIVEN and NUMBER OF DAYS OF EACH PULSE.

