

## Accepted Manuscript

Title: Sampling guidelines for oral fluid-based surveys of group-housed animals

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**Highlights**

- Use guidelines to facilitate the design of PRRSV control or elimination projects.
- Fixed spatial sampling is  $\geq$  than simple random sampling, but easier to implement.
- Sample individual barns using the oral fluid sampling guidelines provided.
- Sample each barn on a site to optimize the probability of detection.

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