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MONITORING AERIAL SPREAD OF MICROORGANISMS FROM FARMS

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ABSTRACT

Animal husbandry is most likely an important source for microorganisms occurring in the air, including important pathogens, allergens as well as multi-resistant bacteria. Methods for collecting, quantifying and characterizing microorganisms from outdoors air have been developed and used to study their spreading from a pig farm. Simultaneously, the background concentration of microorganisms in rural air, not directly influenced by husbandry, was determined. Results from this study will be presented and discussed in relation to monitoring the dispersion of microorganisms, effects on humans and whether it is possible to identify indicator organisms for the spreading of microorganisms in general from animal husbandry



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