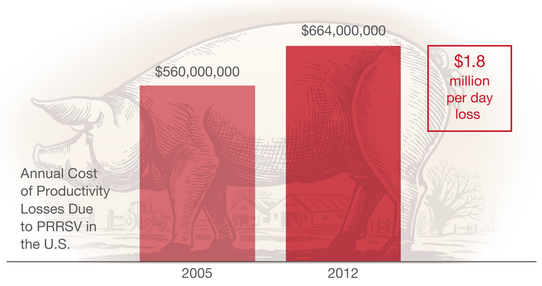
Preventing PRRS Outbreaks in Swine Environments

Author: Nicholas Woolard

MONITORING AIR FILTRATION FOR AIRBORNE DISEASES

Financial Impact of PRRSV

A 2013 study published in the Journal of Swine Health and Production estimated the annual cost of productivity losses due to PRRSV in the U.S. national breeding and growing-pig herds at $664 million, up from $560 million in 2005, equaling a loss of $1.8 million per day. An additional $477.8 million is estimated to be lost each year on outbreak related costs, including animal care and biosecurity.

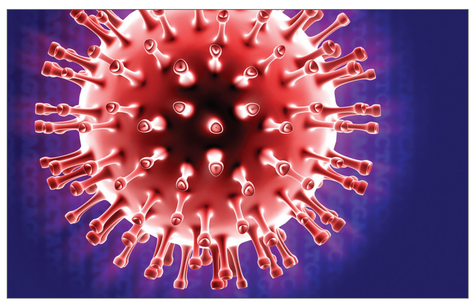


Investing in Animal Health: The Crucial Role of Air Filtration

The risk of the indirect spread of PRRSV can be reduced with a comprehensive biosecurity program which includes air filtration. An effective air filtration system traps the airborne virus and its contaminants, preventing it from entering a facility and spreading throughout.

Facilities without proper air filtration are eight times more likely to have an outbreak than facilities with sufficient filtration.[1]

A single outbreak of PRRS can **cost two times more than investing in a filtration system**, or the equivalent of operating the system for four to five years. If your decision prevents one severe outbreak, it has paid for itself.[2]



References:

1.Dee, S., Cano, J.P., Spronk, G., Reicks, D., Ruen, P., Pitkin, A. and D. Polson, 2012. Evaluation of the long-term effect on air filtration on the occurrence of new PRRSV infections in large breeding herds in swine-dense regions. Viruses, 4 : 652-662

2. Ricard, M. and Pouliot, F. 2013. Air Filtration in Swine Buildings. : Centre de developpement du porc du Quebec inc., 10 p.

AAF Flanders Biosecurity Package

MEGApleat M8

- Designed for applications with high moisture and heavy loading
- High airflow and maximum dust holding capacity reduce energy consumption

VariCel VXL

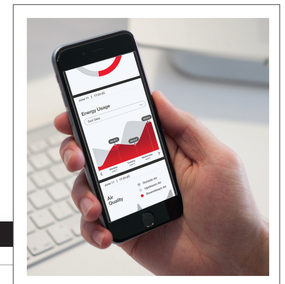
- Utilizes Dual Density, non-charged fiberglass media designed to stop viruses in their tracks

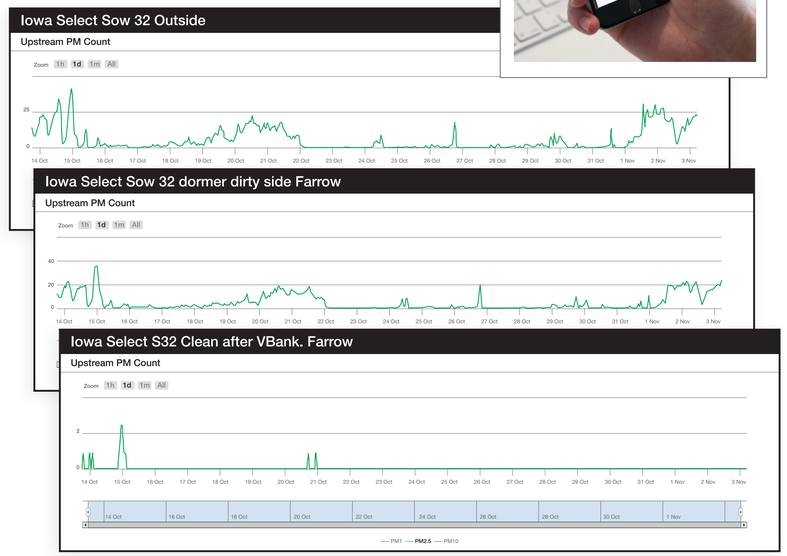
FASeal SS Framing System

- Clip-free and easy to install, these frames are durable and corrosion resistant, creating a lasting, airtight seal to prevent the entry of pathogens into your facility.

Sensor360

- 24/7 monitoring of air quality levels and filtration performance made possible by tracking and communication of particle penetration levels in real time
- Allows you to proactively resolve issues **BEFORE** a virus breaks, and keep your animals disease-free
- Delivers the air quality of all of your facilities to your fingertips, allowing you to have complete control over your air at all times





BENEFITS OF A PRRSV-FREE ENVIRONMENT

- **Additional 1.8 piglets** weaned per year
- **5.8% decrease** in sow mortality
- **$5-10 premium** per PRRSV-negative pig

AFP-13-107A

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Bringing clean air to life.™