

Atmosphere Global—Ag Forte



Location: South Dakota State University
Purpose: To evaluate the efficacy of a novel cleaning agent (Ag Forte) versus the current industry standard (Synergize) against 3 significant swine viral pathogens (PRRSV, SVA, PEDV) using a contaminated transport model.

VI Results: PEDV

	0 min	30 min	60 min	120 min	240 min
AG 1:128	pos	neg	neg	neg	neg
AG 1:256	pos	neg	neg	neg	neg
Syn 1:128	pos	neg	neg	neg	neg
(+) control	pos	pos	pos	pos	pos

VI Results: PRRSV

	0 min	30 min	60 min	120 min	240 min
AG 1:128	pos	neg	neg	neg	neg
AG 1:256	pos	neg	neg	neg	neg
Syn 1:128	pos	neg	neg	neg	neg
(+) control	pos	pos	pos	pos	pos

VI Results: SVA

	0 min	30 min	60 min	120 min	240 min
AG 1:128	pos	neg	neg	neg	neg
AG 1:256	pos	neg	neg	neg	neg
Syn 1:128	pos	neg	neg	neg	neg
(+) control	pos	pos	pos	pos	pos

This trial was replicated twice at SDSU. Once in April 2017 and again in December 2017. Conclusions were repeatable.

Talking Points:

- Ag Forte and Synergize performance was equivocal across all 3 viruses
- Ag Forte performed equally at 1:128 or 1:256 concentrations
- In the absence of treatment (positive controls), viable virus was detected throughout the testing period
- Ag Forte is proven to be a safe and effective cleaning alternative to Synergize

Confidential

Atmosphere Ag Forte Pro is being sold as a cleaner and is not yet EPA approved as a disinfectant or pesticide.