



Lock down your biosecurity program

Challenges and opportunities evolve quickly in the pork industry, and you need to be able to adapt. The right combination of activated medium-chain fatty acids (MCFAs) can be used to support an operation's overall biosecurity program by addressing risks associated with feed or feed ingredient sources. Vitacy® FeedLock® feed additive delivers a solution of activated MCFAs formulated to help address risk factors in swine feeds.

Three things to know about Vitacy® FeedLock®

-  Blend of activated medium-chain fatty acids (MCFAs)
-  Tool used to support overall biosecurity management of feed and feed ingredients
-  Supports overall pig performance

MCFAs for feed biosecurity

Feedstuffs can retain pathogens during transportation, manufacturing, and storage.^{1,2,3} MCFAs react with feed pathogens differently depending on their carbon chain length.⁶ Vitacy® FeedLock® provides a strategic combination of activated MCFAs to help address risk factors associated with swine feed.⁷

Actively support your biosecurity protocols

The U.S. swine industry has well-developed biosecurity protocols for people and supplies entering farms. But, what about the feed being delivered to your operation? Feed and feed ingredients can be a potential source for the introduction of health challenges to an operation.^{1,2,3} This represents a gap in today's swine biosecurity protocols, adding the need for a biosecurity protocol aimed at feed.^{4,5,6} Vitacy® FeedLock® provides a solution of carefully researched, activated medium-chain fatty acids selected specifically to help address the gap in your operation's overall biosecurity protocols. Actively support your biosecurity program with Vitacy® FeedLock®.

In a challenge study:⁷

- Vitacy® FeedLock® fed pigs demonstrated lower observed risk factors when compared to control pigs during the study.
- Pigs fed Vitacy® FeedLock® maintained a performance level above control pigs during the study.

Activity and availability

The MCFAs in Vitacy® FeedLock® are activated so they are available to interact with risk factors in feed at the mill, in the truck or in the feeder. Activated MCFAs can address challenges before they reach the pig. Other forms of MCFAs, including triglycerides or salts, must be activated

through digestion before the benefits are available to the pig. Activated MCFAs are an easily accessible energy source to support gut function and overall pig health. Healthy pigs put more of their energy into growth performance rather than maintenance.



DIRECTIONS FOR USE

DRY: Mix at the rate of 4 to 8 lbs./ton of complete feed

LIQUID: Mix at the rate of 2.5 to 5 lbs./ton of complete feed

Look closer at PMI's MCFA solutions
at pmiadditives.com/vitacy

¹ Dee et al., 2014
² Dee et al., 2016
³ Dee et al., 2018
⁴ Dee et al., 2020
⁵ Cochrane et al., 2016
⁶ Lerner et al., 2020
⁷ Internal study N20-Ch01