

BACT-A-CID

BACT-A-CID is a feed preservative and protected buffered acidifier for the entire pig intestine. BACT-A-CID reduces contamination in feed and helps control enteropathogens in weaners, growers, finishers and sows.

THE PRODUCT:

BACT-A-CID is a combination of free carboxylic acids and their ammonium salts on a mineral carrier.

This combination ensures that the organic acids pass through the stomach to reach the small intestine and hindgut. BACT-A-CID particles become colonised by acidophilic commensal bacteria that release lactic and butyric acids into the gut lumen. This helps protect the animal's gut from colonisation by enteropathogens such as, *E. coli*, Salmonella, Campylobacter and Clostridium.

BACT-A-CID helps to maintain a healthy gut in newly weaned piglets by supplementing natural acid secretions in the gut.

In growers and finishers BACT-A-CID reduces *E. coli* numbers in the small intestine, preventing damage to the villi, which are essential for nutrient absorption.

BACT-A-CID helps to maintain a lower gut pH, reducing the antagonistic effect of stress, and so ensuring that performance is maintained right through to slaughter.

The use of BACT-A-CID in sow rations reduces the background levels of *E. coli*, Salmonella etc. in the colon / rectum and so minimises horizontal transmission of pathogens to the suckling piglets via the sows' faeces.

MAJOR BENEFITS:

- BACT-A-CID enables the acidification of the entire gut to improve digestion, growth rates and feed efficiency.
- BACT-A-CID reduces intestinal disorders resulting from coliform and other enteropathogenic bacteria.
- BACT-A-CID reduces the environmental pathogen burden.
- BACT-A-CID uses liquid formic acid as the primary acidifier, as recommended by the EU BIOHAZ Panel (2004).
- BACT-A-CID is safe and easy to use, being non-corrosive to equipment and storage bins.
- No resistance, residues or withdrawal time.

USAGE:

Class	kg/t
Weaners / Growers < 35 kg	3 to 5 *
Growers / Finishers >35 kg	2 to 3 *
Gilts and Sows	2 to 3 **

* Where there is a high Salmonella challenge the higher inclusion should be adopted until the problem is brought under control.

** Ideally BACT-A-CID at 2 kg/t should be fed to sows throughout. Where this is not possible 3 kg/t should be fed from day 100 of gestation and throughout lactation.

BACT-A-CID works with all raw materials in all dry ration formulations, but to achieve maximum benefit, feeds should be formulated to minimise inclusion of high acid binding components.

PACKAGING:

BACT-A-CID is packed in 25kg pre-printed plastic bags.