



### TYPICAL FEEDING RATE

Size	Weight range (kg)	Feeding rate (kg/tonne of complete feed)
Pig Starters	Wean to 25	5 - 10
Grower/ Finisher Pigs	25 - 110	5
Sows	-	5

acidiSTART™ acidifier may be mixed in swine feeds up to a maximum rate of 10 kg per tonne of complete feed as desired (1 kg = 2.205 lb, 1 tonne = 1.102 ton).

**acidiSTART is NOT a drug, so no withdrawal time is required.**

### HANDLING AND STORAGE

Avoid breathing dust or powder. Avoid contact with skin, eyes and clothing. Keep away from heat and open flame. Keep container closed and store in a cool, dry area for maximum stability. Avoid leaving container open for extended periods of time. This product is intended as an acidifier for swine feed only. Buyer assumes all responsibility for use, storage and handling of this product. The manufacturer makes no other claims or warranties, expressed or implied.

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## Acidifies feed to maintain microbial balance and gut health

As pressures increase for producers to reduce or eliminate medications in their feeding programs, it is of utmost importance that our livestock be fed the safest, most natural ingredients possible.



### ***A combination of fat-coated acids and feed preservatives***

This blend of acids is specially designed to acidify feed without reducing the normal production of hydrochloric acid in the stomach. This helps to keep a low pH in the lower part of the gastrointestinal tract.

The preservatives present in acidiSTART prevent the decomposition of animal feed and improve storability. Practically every feedstuff is contaminated with bacteria, fungi and yeasts. These micro-organisms need to be prevented from multiplying, as large quantities in the feed may create health problems, particularly in young animals.

Together, acidiSTART's combination of acids helps to maintain a healthy gut environment and beneficial microbial balance in the gastrointestinal tract of the pig.

**Q**

**What are acidiSTART's key ingredients and how do they work?**

**A**

A combination of fat-coated acids and organic acids are the major components of acidiSTART. The acids are slowly released in the intestine helping to maintain a lower pH. This results in an unfavourable environment for the growth of E. coli and other pathogenic bacteria while favouring lactic bacteria. Therefore, acidiSTART may increase the concentration of lactic bacteria in the large intestine.

Lowering the pH in the stomach may also reduce the growth of harmful bacteria and provide an optimal acidic digestive stomach environment, which is especially critical for newly-weaned piglets.

The organic acids within acidiSTART can combine with various minerals (calcium, phosphorus, magnesium and zinc) and as a result, may improve intestinal absorption of these minerals.

The organic acids also work to lower the pH of the feed, which may have a sterilization effect.

**Q**

**When should you use acidiSTART?**

**A**

It can be used in all phases of swine production, from nursery piglets to sows; however, best results may be obtained for piglets 3 to 6 weeks after weaning.

**Q**

**How is it used?**

**A**

acidiSTART is suitable for pigs of all ages and can be used:

- in complete mash or pelleted feed
- in vitamin/mineral premixes
- in supplements
- in liquid feed systems
- with other Start products
- with medications

**Q**

**What are the potential advantages?**

**A**

- can lower pH of the complete feed – in essence, sterilizing the feed
- helps lower the gut pH
- supports gut tissue health
- could have selective anti-microbial effects