

ACIDASCH

FEED ACIDIFIER

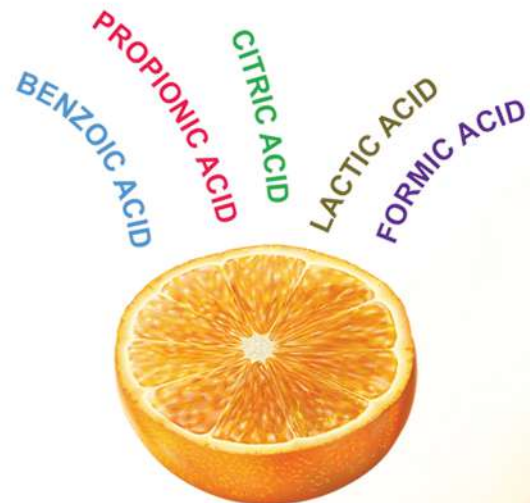
It is well known that organic acids act as preserving agents and control the growth of certain bacteria, properties that are widely used in the food industry. In the feed industry, acidifiers are widely used for their usefulness in promoting a healthy gut by modulating the intestinal flora through their bacteriostatic and/or bactericidal effects on different types of bacteria.

ADVANTAGES OF ACIDASCH ON NUTRIENT DIGESTION:

- > Improves efficacy of enzymes by enhancing release & Utilization of nutrients from feed.
- > Stimulates absorption of vegetable proteins.
- > Improves utilization of trace elements due to their chelation.

BENEFITS OF ACIDASCH

- > Works mainly in intestine.
- > Does not alter palatability of feed.
- > Does not damage other ingredients in feed.
- > Totally safe to handle by workers
- > Easy handling and mixing



GROWTH PROMOTING EFFECTS

Gut Environment Modification

The goal of successful gut environment modification programme is to create an environment which is beneficial for normal microflora & detrimental to colonization by enteric pathogens. The buffered salts of organic acids in Acidasch are considered as best for gut environment modification.



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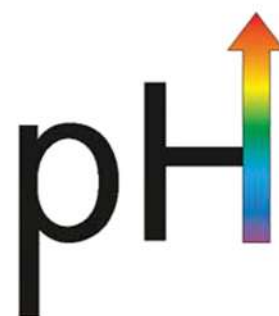
MODE OF ACTION

The mode of action of Acidasch on bacteria is that it can penetrate the bacteria cell wall and disrupt the normal physiology of certain types of bacteria.

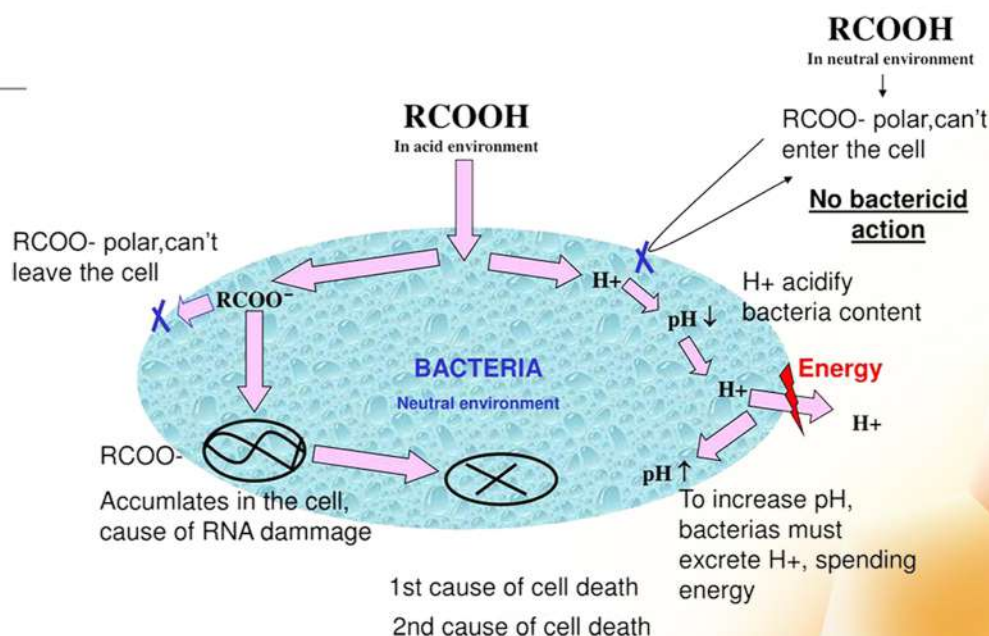
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BROAD SPECTRUM ACTIVITY AGAINST ENTEROPATHOGENS

For microorganism organic acids can act as source of carbon and energy as well as inhibitory agents. This action depends on concentration of organic acid, its ability to enter the bacterial cell and capacity of microorganism to metabolize the organic acid. non dissociated form of organic acids in Acidasch are lipophilic in nature and it can enter the bacterial cells. Once it enters the bacterial cells due to natural pH of bacterial cytoplasm it readily converts into dissociated form and releases H^+ & A^- ions which reduces the cellular pH of bacterial cells.



BACTERICIDE ACTION OF ACIDASCH



INCLUSION RATE

1 - 1.5 kg/ton of feed depending on microbial level
Or As advised by Nutritionist



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