



Introduction:

The use of probiotics is most widespread in commercial animal feed products and feed additives. Microbial cultures in feeds are frequently termed “probiotics” to distinguish them favorably from antibiotics traditionally applied to prevent infection in the animal thereby enhancing growth. In the wake of consumer reaction against intensive animal rearing and a trend to ‘organic’ meat probiotics have become established as alternatives to antibiotics and growth promoters.

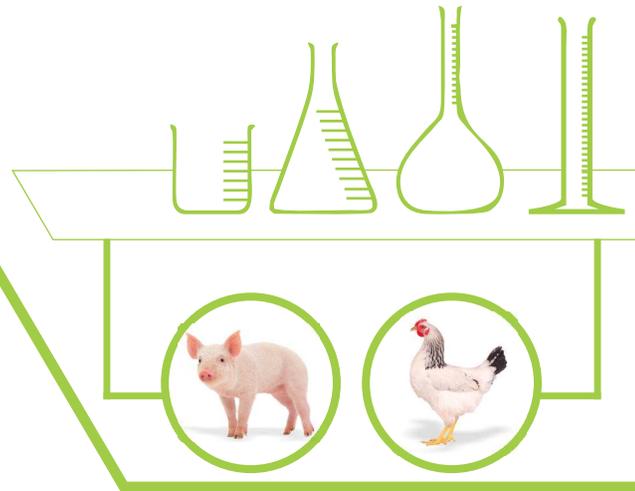
Probiotics are of increasing use against intestinal disorders such as antibiotics based diarrhea and inflammatory bowel disease. They act as nonpathogenic stimuli within the gut to regain immunologic quiescence. Microbial probiotics in combination with enzymes have been reported to have many beneficial effects when they are used in animal feeds; these effects include competitive exclusion of pathogens and improved digestion and absorption of nutrients.

Although probiotics play key role in animal nutrition, their modes of action for instance; producing antimicrobial substances, stimulating mucus secretion, strengthening gut barriers function, competing for adhesion sites, stimulating specific and non specific immune responses; by which probiotics mediate their anti-infection effects have been suggested.

What is ProbioXyme?

ProbioXyme is a unique blend of natural raw materials, beneficial bacteria, enzymes and immune stimulating substances for use in poultry, swine and cattle to meet the requirements of high performance animal production. It is a highly concentrated microbial mixture specially designed to establish and maintain a preponderance of beneficial microorganisms for the intestinal well-being. This product contains a super abundant lactic acid producing bacteria and specially designed sources of enzyme producing organisms. It is used in young animals and birds to stabilize the intestinal flora by minimizing the number of pathogenic intestinal micro-organisms and their negative effects resulting in:

1. Improved growth
2. Improved feed conversion.



Composition:

ProbioXyme is composed of *L.acidophilus*, *B.subtilis*, *L.sporogenes*, Bifido bacteria, *L.casei*, *S.cerevisiae*, *Aspergillus oryzae*, *S.boulardii*, MOS and enzymes viz. alpha amylase, protease, cellulase, xylanase, beta glucanase, lipase, phytase and other immune stimulating substances.

Benefits of ProbioXyme:

- It improves stomach and intestines engineering.
- Flexibility in feed formulation.
- Better digestibility of feed ingredients.
- Enhances feed efficiency, growth rate and productivity.
- Promotes weight gain and overall improved performance.
- Increases egg production and hatchability.
- Stabilization of micro flora.
- Uniformity in flock size.
- Reduction in nitrogen & phosphorous excretion.
- Less environmental waste, eco-friendly.

Appearance : Off-white to brown powder. Change in the colour of the product does not affect its performance.

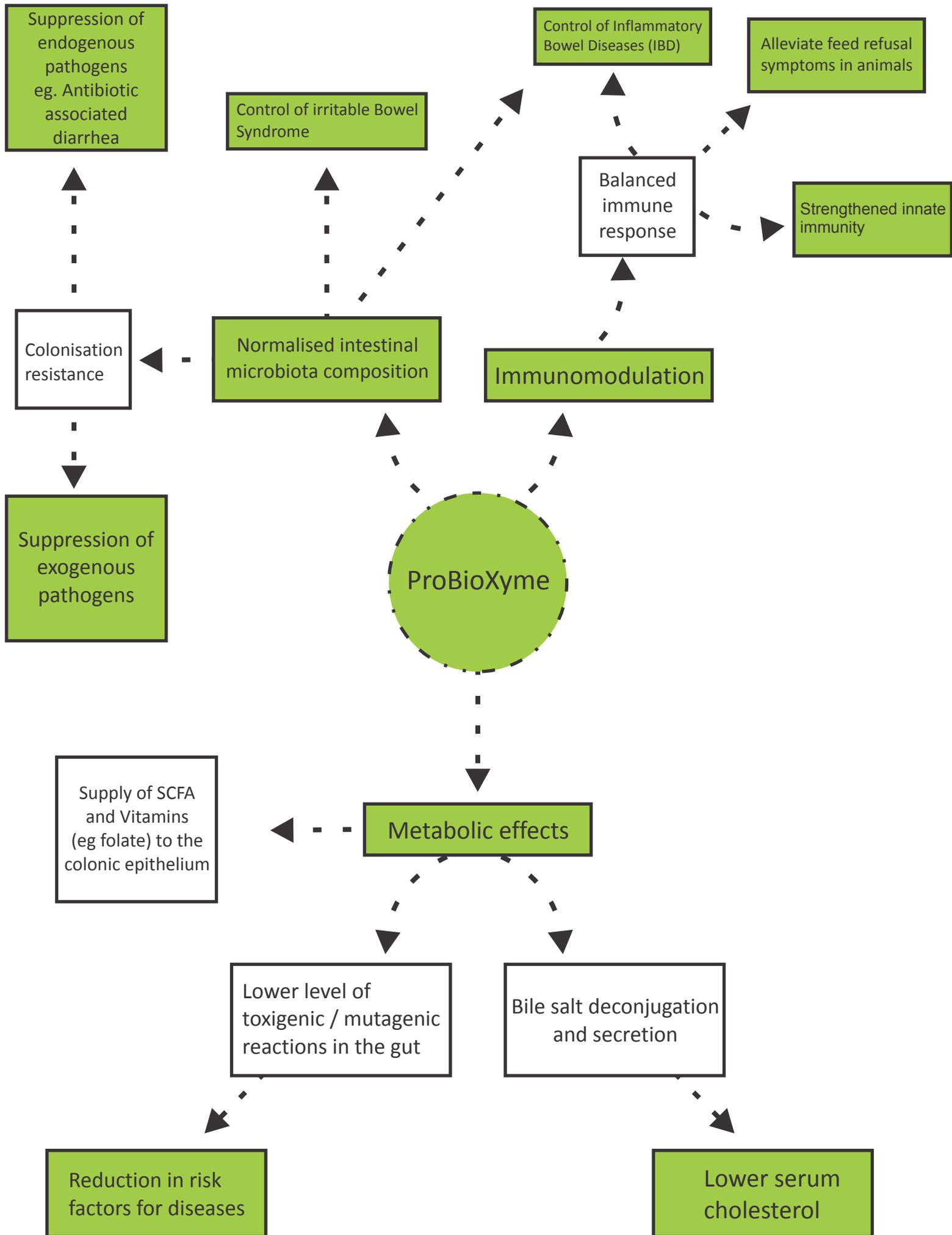
Dosage : 100-200g per ton of feed or 5ml to 10ml for 100 birds.

Shelf Life : ProbioXyme is stable for 24 months from the date of manufacture.

Storage : ProbioXyme should be stored in a cool dry place away from sunlight. Keep the container closed when not in use.

Packaging : ProbioXyme is available in 1 litre, 5 litre and 25Kg Paper bag.

Compatibility : ProbioXyme is compatible for use with all commonly used ingredients in feed and premixes.



The information and data contained herein has been compiled based on information we believe reliable. Users should thoroughly test all applications and independently conclude satisfactory performance before commercializations, as these recommendations are non-binding. User's assume all liabilities for use of the Products. We are not liable for any advice which we may have failed to give.

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