



AgriCureTM

Probio

A highly concentrated Probiotic water feed supplement supporting performance of broilers, turkeys, ducks and layers.





1. What is Probio?

Probio is a concentrated Probiotic developed for Poultry Health Services and intended for use in animal production for increasing and supporting performance. It was formulated by a team of veterinarians and nutritionists.

2. What are probiotics?

Probiotics are currently defined by FAO/WHO, as: "live microorganisms which when administered in adequate amounts confer a health benefit on the host". The benefits of probiotic have been known and demonstrated for many years both in human and veterinary medicine, to aid maturation of the intestinal microbiota and development of intestinal tissues, for optimal nutrient absorption.

3. Why should we use Probio?

Probio provides a balanced intestinal microflora, beneficial strains that prevents and reduces the intestine colonisation with pathogenic bacteria. By achieving an healthy GUT environment, Probio improves the feed intake, digestion and utilization of nutrients.

4. How does Probio work?

By boosting gut health Probio starts with the active process of colonizing the gut, by competitive exclusion and antagonism for Salmonella, coliforms and other entero-pathogens. Altering the metabolism of harmful bacteria by increasing digestive enzymes and synthesizing active compounds such as lactic acid, hydrogen peroxide and short chain fatty acids, and decreasing ammonia production. Probio stimulates the immune response to produce cytokines, as major role in induction and regulation of cell and humoral immunity.

5. What species do you recommend feeding Probio to?

Probio is recommended for broilers, layers, breeders, turkeys, quail, guinea fowl, game birds for fattening and pigeons.

6. In what situations, can Probio be used?

Probio is recommended for use in the following:

- First days of life
- After antibiotic treatments
- During times of stress (transport, feed changing)
- In situations where there is a wet litter problem
- In any situations where the animals are behind the performance targets desired.

7. What does Probio contain?

The key components are rosemary extract and Enterococcus faecium, a live micro-organism probiotic. One of the unique points of Probio, is that it contains 2 different strains of Enterococcus faecium

- NCIMB 10415
- NCIMB 11181

8. What is the solubility in water of Probio?

Probio is formulated for immediate solubilisation even in cold water.



9. What are the benefits of Rosemary in Probio?

The main active phenols in rosemary oil are eucalyptol, camphor, a-pinene. Rosemary is the most used medicinal plant worldwide. The latest research related with rosemary essential oil has mainly focused on the antibacterial, antifungal, insecticidal, anticancer and antioxidant properties of Rosemary.

10. What is the stability and storage conditions of Probio in time?

Probio has been evaluated to ensure its compatibility and stability over time. The product must be stored in a cool dry place below 25°C, in its original container. Keep out of direct sunlight. Do not freeze. Do not use any kind of water disinfectant or antibiotic products during the administration period with Probio.

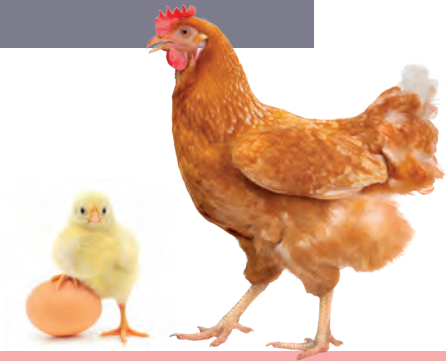
11. What about the withdrawal time and human safety concerns?

Probio has a zero time withdrawal period and is safe for humans. The Enterococcus faecium strains contained in Probio are registered in the EU as a gut flora stabilizer ensures peace of mind for the farmer, the vet and the final consumer.

Feeding instructions:

- Water: 100g (2 heaped scoops) to 1000ltr water.
- Top dress on feed: 100g per 1000 birds per day.
- Use for 3 days.

INGREDIENTS	TARGET
Probiotic – 2 strains of Enterococcus faecium: - NCIMB 10415 - NCIMB 11181	Gut Health & Immune System
Rosemary Essential Oils	





Available from www.farmacy.co.uk

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