



Lactigrow

Water Soluble Probiotic Powder



A highly concentrated Probiotic feed supplement boosting performance in broilers, layers, breeders, turkeys, quail, guinea fowl, game birds for fattening, pigeon, sows, weanlings, cows & calves.





Why should we use Lactigrow?

1. What is Lactigrow?

Lactigrow is a concentrated Probiotic developed by Mervue Laboratories 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 Lactigrow?

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

4. How does Lactigrow work?

By boosting gut health Lactigrow starts with the active process of colonizing the gut, by competitive exclusion and antagonism for Salmonella, coliforms and other enteropathogens. 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. Lactigrow stimulates the immune response to produce cytokines, as major role in induction and regulation of cell and humoral immunity.

5. For what species?

Lactigrow is recommended for broilers, layers, breeders, turkeys, quail, guinea fowl, game birds for fattening, pigeons, sows, weanling's, cow and calves.

6. In what situations, can Lactigrow be used?

Lactigrow is recommended for use in the following:

- First day 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 Lactigrow contain?

The product key components are rosemary extract and Enterococcus faecium 10415, a live micro-organism probiotic. One of the unique points of Lactigrow, is that it contains 2 different strains of Enterococcus faecium

- NCIMB 10415
- NCIMB 11181

8. What about the solubility in water?

Lactigrow is formulated for immediate solubilisation even in cold water.

9. What are the benefits of Rosemary in Lactigrow?

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 the product in time?

All of Mervue Laboratories products, including Lactigrow have been evaluated to ensure their compatibility and stability over time. The product must be stored in a cool dry place below 25°C, in it's 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 Lactigrow.

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

Lactigrow has a zero time withdrawal period and is safe for humans. Being registered in the EU as a gut flora stabilizer ensures peace of mind for the farmer, the vet and the final consumer.





Dosage and Administration:

Lactigrow should be added to drinking water. The dosage is adapted to the animal needs, as follows:



50-100 grams per 1000 L of water. 100 grams should be provided for 5000 chickens/day (*the dose should not be in relation with daily water consumption, which is non-relevant at this age).



Sow 10-20 grams per head, weaners 20-40 g per head, piglets 10-20 grams and 6-12 grams per head per day for fatteners.



Cattle, less than 300 kg weight between 0.2-0.6 g/per animal/per day. For cattle, more than 300 kg of body weight use 0.4 to 1.0 gram per day.

For all species, we recommend 3 days of treatment.



Ingredients

Target

Probiotic - 2 strains of *Enterococcus faecium*
• NCIMB 10415
• NCIMB 11181

**Gut Health &
Immune System**

Rosemary Essential oils

Storage Conditions: Store in a dry place below 25°C in original container. Keep out of direct sun light. Do not freeze. Always replace lid after use.





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