

# OREGANOL™

## Liquid & Powder Feed Additive

**Oreganol™** is a formulation based on active ingredients (Carvacrol & Thymol) of *Oregano vulgaris* and *Thymus vulgaris* Plants, which are globally used in Poultry, Fishery & Livestock diets to maximise overall performance and returns.

**Oreganol™** promotes growth and better feed utilisation. It improves health status and assists in times of stress, while providing a distinctive aromatic flavour in feed.

### Salient Features

- ▶▶ **Anti – diarrhoeal**
- ▶▶ **It improves Gut/ Gastrointestinal Health.**
- ▶▶ **Oreganol™** does not contain Antibiotic Growth Promoters (AGPs).
- ▶▶ It substantially **improves FCR.** Which means that the product is economically rewarding.
- ▶▶ No bacterial resistance.
- ▶▶ Both **Carvacrol and Thymol are antioxidants** and will **prevent Lipid oxidation in Broiler Meat.**
- ▶▶ Both Carvacrol and Thymol are **GRAS (Generally Recognised As Safe)** by FDA.



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## Application

### Mass Treatment

	Pigs, Rabbits, Calves	Chicken, Ducks, Turkey
Prevention Dose	500 gms / Ton of Feed	450 gms / Ton of Feed
Therapeutical Dose	1000gms / Ton of Feed	900 gms / Ton of Feed

### Individual Treatment

- Calves, Foals : 0.20 – 0.25 gm per Kg of body weight.
- Piglets, Lambs, Kids : 0.10 gm per Kg of body weigh.

### How it Works

- It reduces Ammonia Producing Bacteria, there by decreasing the conversion of Amino Acids to Ammonia. Thus the Amino Acids are available for growth.
- It increases enzyme production and alters the rate of passage of feedstuffs through the intestine, thereby increasing the digestibility of nutrients.
- It improves palatability of the feed to animals.
- Does not create bio-residues in the animal body and does not develop resistance to pharmaceutical compositions.
- It is effective against the following Micro-flora, which improves the gastro – intestinal health of the animal.

Micro organisms	Intensity of Effect
Staphylococcus aureus	+++
Treponema hyodisaenteriae	++++
Erysipelothrix insidiosa	+++
Pasteurella multocida	++++
Streptococcus faecalis	+++

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Streptococcus agalactiae	+++
Proteus mirabilis	+++
Proteus vulgaris	+++
Proteus rettgeri	+++
Escherichia coli	++++
Vibrio coli	++++
Salmonella spp.	++++
Streptococcus pyogenes anim. C	+++
Klebsiella pneumoniae	+++
Enterobacter aerogenes	+++
Corynebacterium pyogenes	+++
Streptococcus uberis	+++
Candida spp.	+++
Pseudomonas aeruginosa	+++
Mycobacterium tuberculosis	++++
Aspergillus spp.	++++
Mucor spp.	+++
Cryptosporidiae spp.	++++
Eimeria spp. (coccidiosis)	++++

0 resistant, + Relatively Sensitive, ++ Moderately Sensitive, +++ Very Sensitive, +++++ Extremely Sensitive

In view of the above, **Oreganol™** is particularly used for prevention and treatment of gastrointestinal infections in animals, which are caused by the bacteria, fungi etc., as per the following enumeration:

**Pigs:** E.Coli, Salmonella spp., swine dysentery, Pasteurella spp.

**Poultry:** (chickens, ducks, turkeys): E.Coli, Eimeria spp., (coccidiosis), salmonella spp., Pasteurella spp.

**Rabbits:** E.Coli, Eimeria spp.(coccidiosis), salmonella spp.

**Cows:** calves-E.coli, Pasteurella spp., salmonella spp.

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**Lambs:** Salmonella spp. Pasteurella spp., Clostridium perfringens., E.coli.

**Young Goats:** (kids): Salmonella spp. Pasteurella spp., Clostridium perfringens., E.coli.

Further to the diseases mentioned above, the pharmaceutical composition according to the invention can be applied for the treatment of:

- ▶▶ Toxoplasmosis cause by toxoplasma gondii in animals and humans;
- ▶▶ Internal parasites of dogs like toxocara canis, Echinococcus, granulosis etc.
- ▶▶ Sarcocytoses in dogs, cattle, poultry and humans.
- ▶▶ Ascariidosis in pigs and poultry, caused by Ascaris suum and Ascaris golii.
- ▶▶ Oxyurosis equi in horses.
- ▶▶ Heteracidosis in poultry.
- ▶▶ Teniosos in human and cysticerocis in pigs;
- ▶▶ Ancylostoma duodenalis and oxyuriasis in humans;
- ▶▶ Rheumatic diseases like arthritis, spondilitis, dyscioathie, and injuring like distorsio, subluxatio etc; fungi and insects on plants in the agricultural sector;
- ▶▶ Demodicosis in dogs.
- ▶▶ Diarrhea caused by Escherichia coli (colibacillosos). Salmonella spp. (salmonellosis), Pasteurella spp.,(pasteurellosis), Streptococcus spp. (streptococcosis), Vibrio coli (vibriosis). Treponema hyodesynerie (dysentery-bloody diarrhea), and other kinds of diarrhea by human and animals.
- ▶▶ Parasitosis caused by Cryptosporidia spp., Ascaridia spp., Toxocara spp., Toxoplasma spp., Atoxoplasmosa;
- ▶▶ Diseases caused by Canida albicans, Aspergillus spp., Cryptococcus neoformans, mucor spp., Fusarium spp., by humans amd animals;
- ▶▶ Cestodosis by birds and poultry.

Manufactured by :

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