

Newsletter



NGPs IN POULTRY GUT HEALTH

Many alternative substances obtained from nature and belonging to the groups of prebiotics, probiotics, organic acids, enzymes, silicates, herbs and spices etc., have been vigorously tested and evaluated for their potential to replace AGPs in poultry diets. Such, alternative substances were referred as Natural Growth Promoters (NGPs)

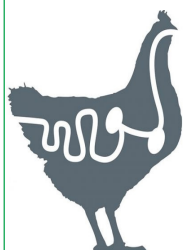
HEALTHY GUT, HEALTHY BIRDS

The gut is the most extensive exposed surface and is constantly exposed to wide variety of potentially beneficial non-infectious as well as harmful infectious agents. It has been reported that exposure of gut to such harmful infectious agents or pathogens cause an imbalance, which can lead to severe productivity loss, sudden dietary changes, intestinal disease (Necrotic enteritis, coccidiosis) and immune suppression.

It is now well established the use of Antibiotic Growth Promoters (AGPs) in animal feed led to antibiotic resistance. Hence, the European Union (EU) introduced a ban on AGPs in 2006, which is now followed in most of the other asian countries.

NEWS INSIDE

- ANBIOT technology
- Polysulphides
- Naphthoquinone
- Terpeneal
- About PROMOGEN



GUT: World within the bird

- The Gut is responsible for the digestion & absorption of nutrients
- If anything happens to gut functions, then digestion & absorption of the feed will be reduced and bird performance & welfare will be compromised



PATENTED TECHNOLOGY

ANBIOT technology

- Accelerated Natural BioTransformation technology
- Unique method of extraction
- No degradation in the process.
- Preserves the strength of every ingredient
- Give wholesome effect pathogens

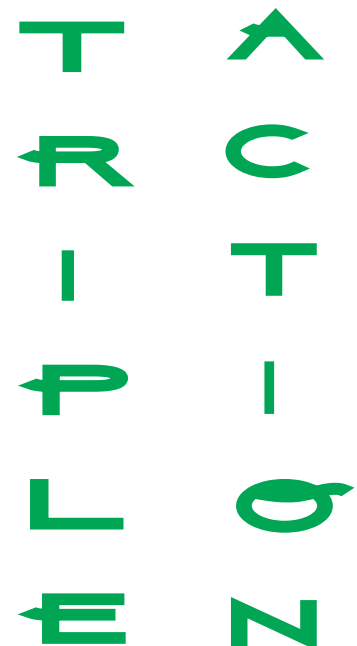


POLYSULPHIDES

Polysulphides forms irreversible S-S bonds with bacterial enzymes

Bacterial enzymes like:

- **Thioredoxin reductase**- Helps in cellular DNA synthesis
Defence against oxidative stress
- **Alcohol dehydrogenase**-Conversion of Ethanol to Acetic acid
More Ethanol in cells destroys DNA
- **Cysteine proteinases**- Target on host protein & Modulate host
Immune response



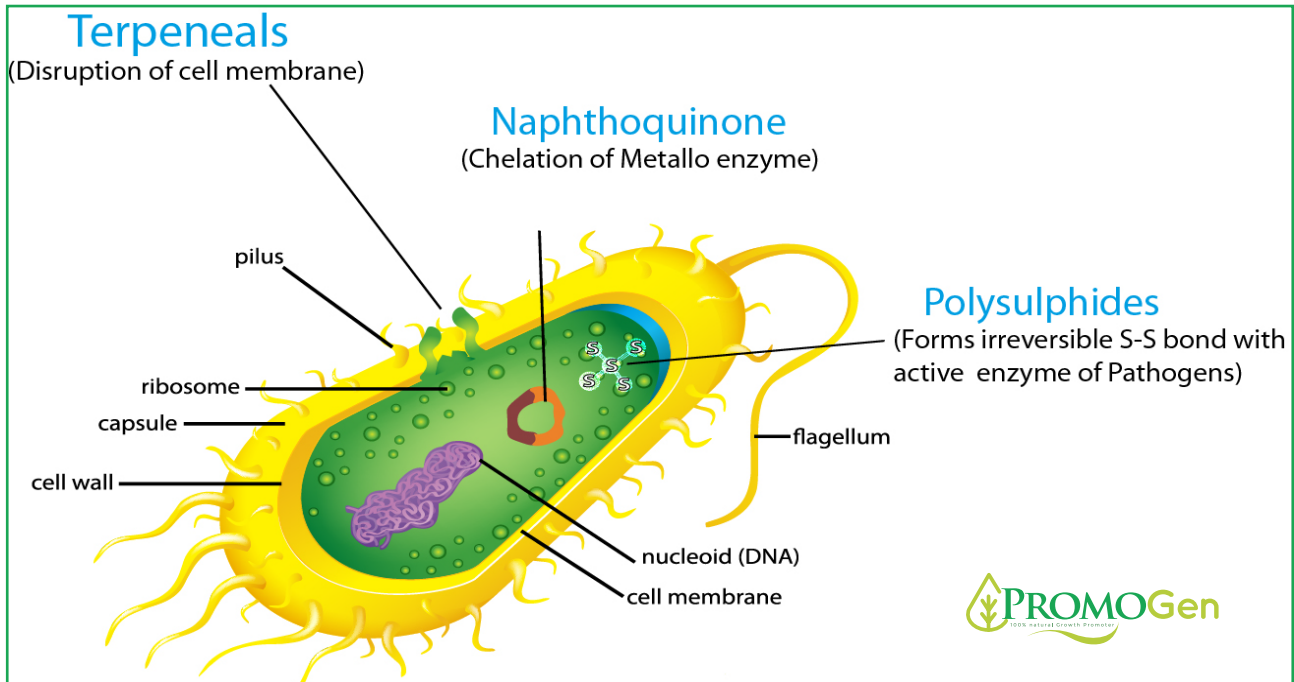
NAPHTHOQUINONE

Chelation of Metallo enzymes in bacterial cells to arrest metabolic activities

TERPENEAL

Terpeneal breaks the outer membrane of the bacteria

The Terpeneals are capable of inducing cell lysis by the leakage of protein and lipid contents of the pathogenic bacteria.



Grow without antibiotics

PROMOGEN is a unique blend of Natural extracts for the poultry. Ensuring extraction of all the bio-actives from plants using Natural Deep Eutectic solvents, which gives wholesome effect on pathogens.

Composition

Each 100g contains:

- Garlic active extracts
- Cinnamon active extracts
- Mehendi active extracts
- Ginger active extracts
- pH balancer
- Choline chloride

Benefits

- Specific antibacterial effect which prevent pathogen growth in intestine
- Better feed conversion & Weight gain
- Better flock uniformity
- Improves immunity in chicks
- Stimulates feed intake and enhances digestive enzyme secretions
- Broad spectrum in action-works on both Gram positive & Gram negative bacteria
- Antibiotic free Chicken & Eggs
- Thermostable

Dose & Packing

250 g /ton of Feed or As advised by the Veterinarian
25kg bag


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