



NEWGEN

Hallmark of innovation

eEOGEN
Encapsulated Essential Oils

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Encapsulated Essential Oils

Profitability in poultry is often determined by the incidence of infectious diseases. Necrotic enteritis is a significant concern globally due to production losses, increased mortality, production costs. Usage of antibiotics and antibiotic growth promoters are challenging due to drug resistance and residues.

New Windows...

Micro-encapsulation technology enables butyrate and essential oils with a thin polymeric coating, forming small particles called microcapsules. The polymer acts as a protective film and releases the active principles in the ideal place and time



Essential oils are aromatic components of herbs and spices. Essential oils are used as natural alternatives for replacing antibiotic growth promoters (AGPs) in poultry feed as these have antimicrobial, antifungal, antiparasitic and antiviral properties

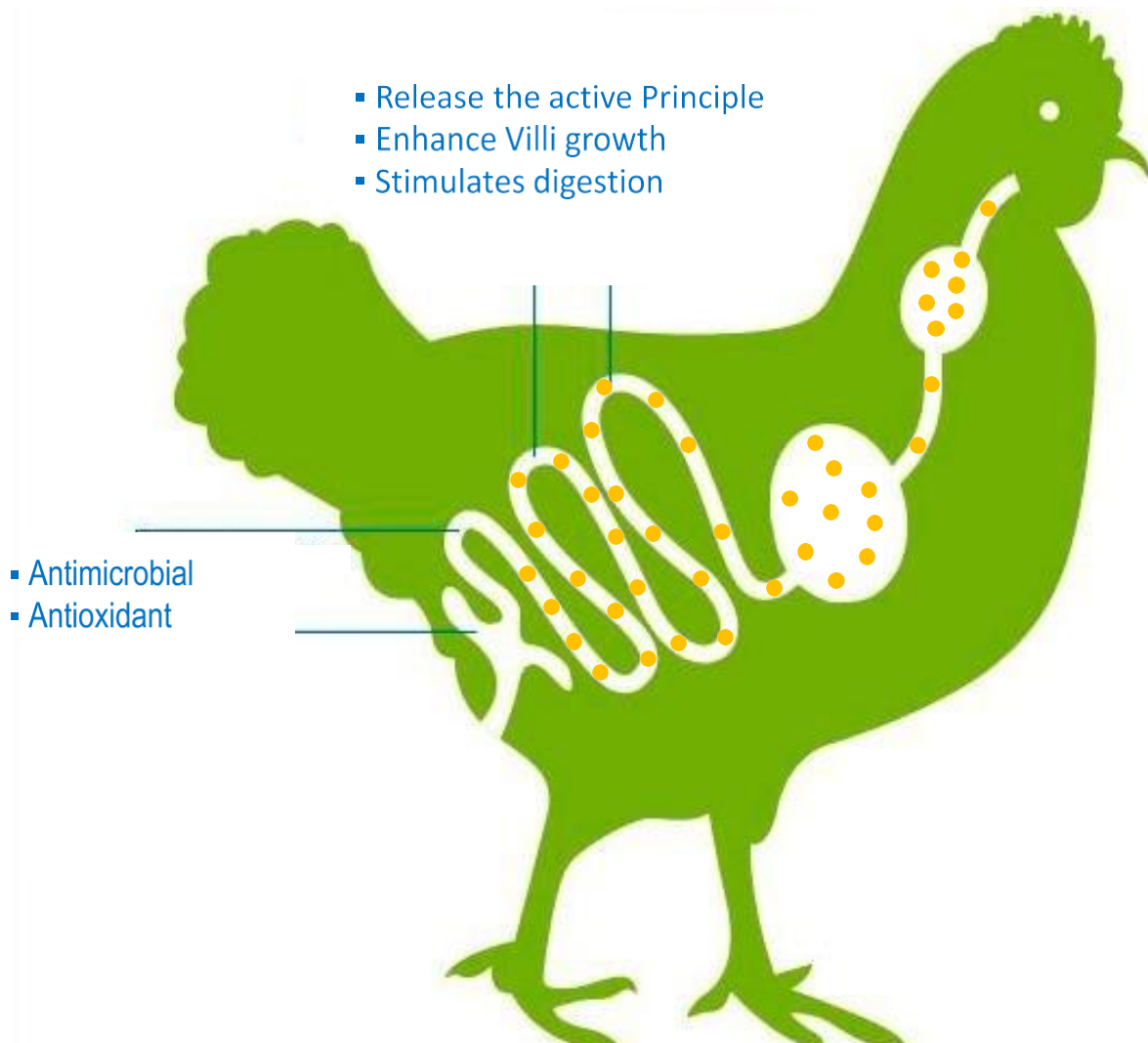


eEOGEN

Encapsulated Essential Oils

eEOGEN is a **Micro-encapsulated** synergistic blend of essential oils having wide spectrum of activity against pathogenic microbes. Essential oil and butyric acid ensures a targeted release throughout the digestive tract. eEOGEN enhances regeneration of intestinal cells and productive performance of birds like growth and egg production by gut health management

Mode of Action



eEOGEN

Encapsulated Essential Oils

Mode of Action :

Antimicrobial activity: Membrane disruption by terpenoids and phenolics, metal chelation by phenols and flavonoids and effect on genetic material by coumarin and alkaloids which inhibit growth of microorganisms.

Stimulation of digestion : Essential oils stimulates the digestive enzyme secretions and thereby enhancing the digestibility.

Antioxidant activity : Phenolic compounds are found in eEOGEN are more potent antioxidants.

Butyric acid enhances the villi growth and also acts synergistically with essential oil to control Necrotic enteritis

Zone of Inhibition - Essential Oil



Feature :

- Novel combinations of oils
- Enriched with Butyric acid
- Wide spectrum of activity against pathogen
- Microencapsulated essential oils
- Compatibility with other feed additives

Mixing Ration : 200 g / tonne of feed

Benefits :

- Improves intestinal health in poultry
- Improves nutrients digestion
- Enhance nutrients absorption
- For better growth and FCR

Presentation : 5 kg bags

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