

Compatibility

EPPA can withstand massive strains during feed production (pelletization) and storage such as high temperatures, pressure, shear forces or oxidation impact. It is also compatible with most antibiotics and can be generally used in feeds alone or in combination with an antimicrobial programme.

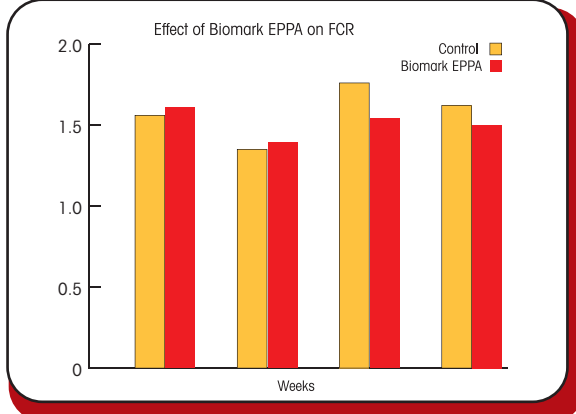
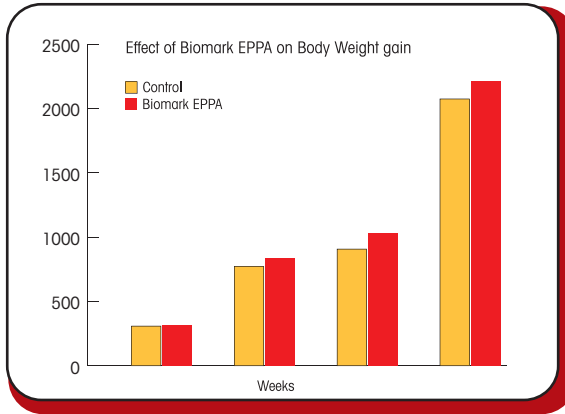
Feeding trials

Treatments

Control Feed
Control Feed + EPPA
(as per recommended dosage)

Measured Parameters

Broilers - feed intake, weight gain, mortality



The Supplement People

Our multi disciplinary team of professionals create innovative products and solutions by continuously screening scientific information from world poultry databases. We are constantly alert to emerging trends and all our products are the result of an intensive in-house research and development.

Our manufacturing unit also complies with all GMP guidelines having strict quality control. As a result of its meticulous and rigorous quality control and our endeavor to provide best of services to veterinary fraternity, our manufactured brands earn trust among all end users.



Manufacturing Unit is certified for leading industry standards

THE PROFIT
ASSURING
SIMPLIFIED SUPPLEMENTATION

TURN
THE PAGE
FOR NEW AGE

Marketed by :
Exotic
Biosolutions Pvt. Ltd.

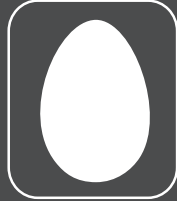
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Simplifying Supplementation

Recommended usage



1 Kg / Tonne



1 Kg / Tonne



INNOVATION

The basic innovation of EPPA involves biotransformation of natural elements embedded in a matrix of microorganisms into bioactive compounds which improve health and productivity of poultry birds. EPPA combines cutting edge biotechnology and classical veterinary science, based on a holistic approach of minimizing disease and boosting nutrition utilisation, EPPA is also designed to minimize the need for antibiotic use and maximize their effectiveness when needed.

ACTIVE COMPONENTS

ENZYMES

Xylanase
Cellulase
Protease
Alpha Amylase
Phytase

PROBIOTICS

Bacillus subtilis
1 x 10¹² CFU/G

PREBIOTICS

Beta-glucans

FATTY ACIDS

Palmitic acid
Linolenic acid (Omega 3)
Linoleic acid (Omega 6)
Oleic acid
Stearic acid

MODE OF ACTION

Antibacterial Activity

The novel strain of Bacillus subtilis (ATCC: 12711) available in EPPA produces bacteriocin subtilin, which is effective against wide range of pathogens. Besides antimicrobial compounds, they also produce other metabolites which vary in their spectra of activity.

Improved Digestibility

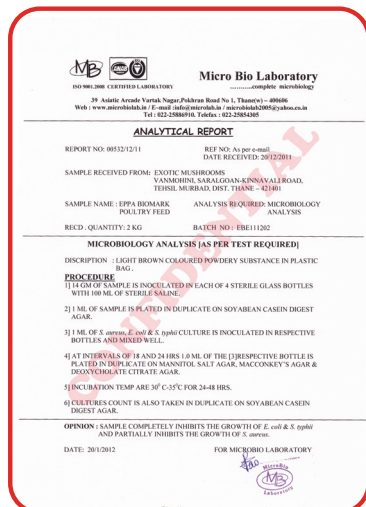
The probiotics in EPPA are also known for their ability to degrade proteins extra-cellularly. The availability of enzymes also allows the bird to obtain higher digestibility of the nutrients in feed.

Immunomodulation

The high concentration of prebiotics and probiotics in EPPA stimulates the non-specific immune response in birds thereby activating all immune defenses. Use of EPPA also reinforces the response to vaccination and treatment.

Toxin Binding

The betaglacans in EPPA have high affinity and high adsorption capacity to bind the most important naturally occurring mycotoxins and reduce their ill effects.



KEY BENEFITS

Enhanced feed quality

Due to volatility in raw material prices, farmers are now searching for innovative formulations that help birds to perform with less digestible feed ingredients. Use of EPPA helps increase this flexibility in formulating cheaper diets without negative impact on performance. The novel and relevant combination of Xylanase, Amylase, Cellulase, Protease and Phytase, in EPPA help release extra energy from less digestible substrates. As higher levels of cheaper alternative raw material are added to poultry diets, the use of EPPA offers the means of reducing the problem of gut viscosity which is usually linked to the significant amount of non-starch polysaccharides (NSP). Specific enzymes in EPPA combined with optimum dosage help to improve the quality of the feed.

Higher net profits

The poultry industry world over and particularly in India is passing through a phase of uncertainty with cost components reaching critical limits. Inclusion of EPPA helps in ensuring higher net profit per bird and overcoming the scenario of higher chick price, higher feed price, high cost of labour and higher cost of veterinary service and medicine.

Pathogen control and Hygiene

The in vitro studies on strain of B. subtilis were conducted to verify the antibacterial activity against zoonotic strains of E. coli, Salmonella and Staphylococcus. The antimicrobial substances of proteinaceous nature produced by B. subtilis have shown maximum zone of inhibition against selected pathogens.

A few of these pathogens are also associated with infectious causes of wet litter in layer poultry. EPPA controls these infections, checks loose droppings and is instrumental in raising overall standards of hygiene.

THE ULTIMATE IN SUPPLEMENTATION

The supplementation with EPPA offers a sustainable solution and also a highly effective means of raising healthy, productive poultry while safeguarding animal health.

SAFETY & QUALITY

Our quality assurance based on highest food safety standards ensures full traceability and makes our products safe for bird, man and environment.

