

Synbio Phyt P

Probiotic + Prebiotic + Herbal Extract

Gut Health & Immunity Enhancer

Suitable for poultry

Premix

Ingredients:

- Dextran oligosaccharide
- Licorice Extract
- Probiotics (at least 1×10^{11} cfu/kg) including:
 - Lactobacillus acidophilus
 - Lactobacillus casei
 - Bifidobacterium bifidum
 - Enterococcus faecium

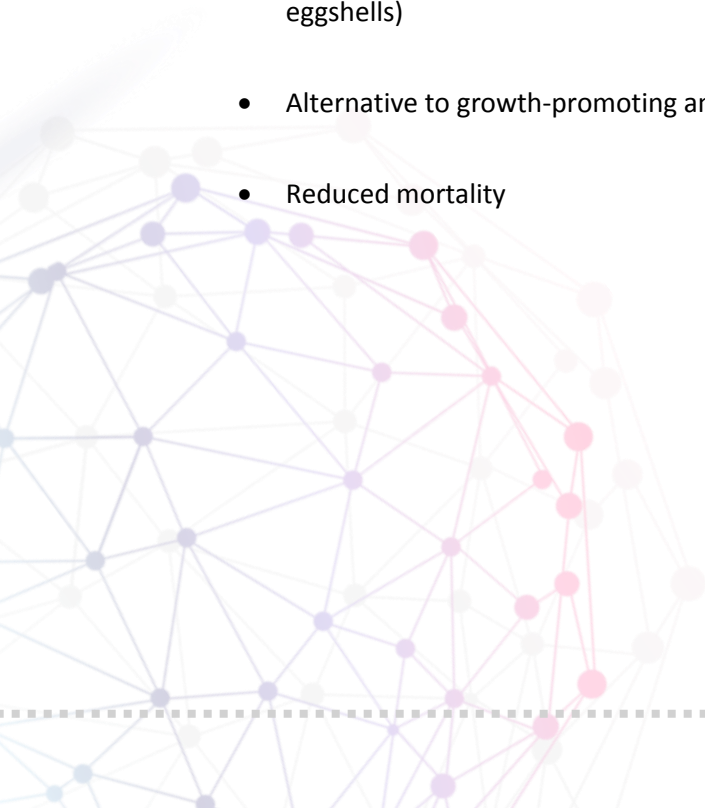
Synbio Phyt P, a Makian Dam Pars product, is a feed additive consisting of probiotics, prebiotic and licorice extract, which helps to improve gastrointestinal function and, as a result, improves the flock performance, especially in stressful situations. The digestive system is one of the most important systems in the body. The imbalance of intestinal microflora, in addition to digestive problems, disrupts the immune system and endangers the animal's health. Probiotics are a beneficial type of bacteria whose role is to support intestinal health and maintain the balance of the microbial flora of the digestive tract. Prebiotics provide the necessary nutrients to provide energy to beneficial bacteria and cause the growth of probiotics in a specific way and strengthen their effect. Supplements containing probiotics and prebiotics are called synbiotics. In the meantime, combining these compounds with plant extracts will strengthen their effects and ultimately lead to poultry health, reducing FCR, and increasing the production and efficiency of the flock.

Mechanism of action:

Lactic acid producing bacteria are part of the natural flora of the gastrointestinal tract of poultry. After being replaced in the digestive system, these microorganisms prevent the growth of pathogens by producing lactic acid and reduce the risk of gastrointestinal diseases. The decrease in the pH of the digestive system and the increase in the activity of digestive enzymes, which is the result of the activity of these bacteria, causes better absorption of micronutrients, including vitamins, amino acids, and mineral elements such as zinc, phosphorus, calcium, and manganese. The result improves the food conversion rate. Also, by stimulating the immune system, these bacteria increase the body's resistance to diseases and greatly reduce the need for antibiotics. The simultaneous use of these bacteria with dextran increases their proliferation and improves their function in the intestinal environment. Licorice extract contains various compounds including triterpenoid saponins, flavonoids, isoflavones, coumarins and polysaccharides. Triterpenoids and other compounds in licorice extract, including flavonoids, have antioxidant properties and reduce oxidative stress caused by physical (heat, humidity, transportation, etc.) and chemical factors (aflatoxins in the diet, etc.).) and as a result, they improve blood biochemical indicators and organ function. Licorice also prevents and heals gastrointestinal ulcers by increasing mucus secretion and its anti-pepsin activity.

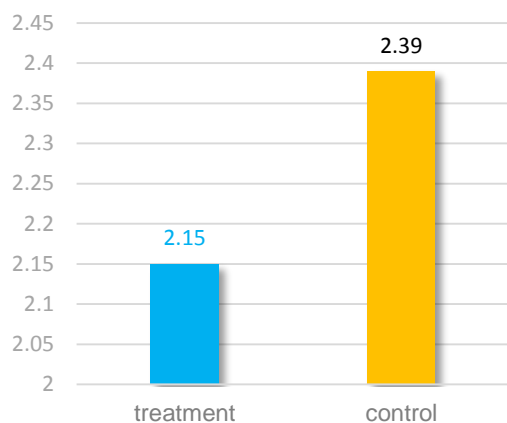
Synbio Phyt P Indications:

- Increasing the digestion and absorption of nutrients and improving gastrointestinal function
- Reducing pathogens and strengthening gastrointestinal microflora
- Reducing inflammation and gastrointestinal ulcers
- Preventing gastrointestinal infections (Salmonella, E. coli, etc.)
- Preventing diarrhea and gastrointestinal problems
- Enhancing immune system and response to vaccination
- Improving FCR
- Improved weight gain and weight at the end of the course
- Improving flock performance, especially in stress conditions (physical and chemical)
- Increasing quality and quantity of egg production (improving eggshell quality and reducing abnormal eggshells)
- Alternative to growth-promoting antibiotics
- Reduced mortality

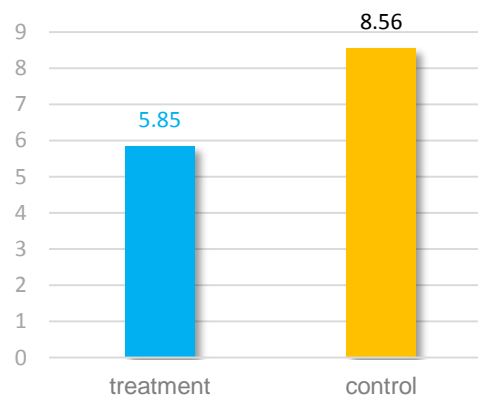


Investigating the effect of Synbio Phyte P on weight, food conversion ratio, feed intake, production and mortality percentage

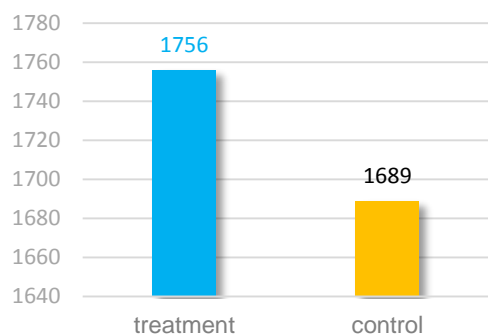
Average FCR



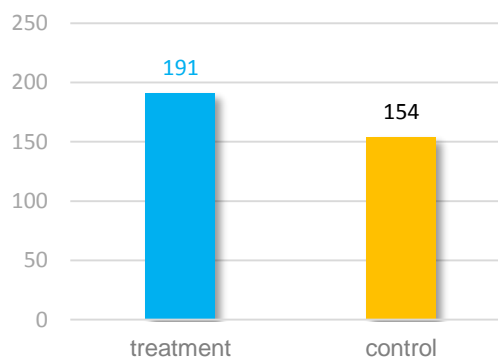
Mortality percentage



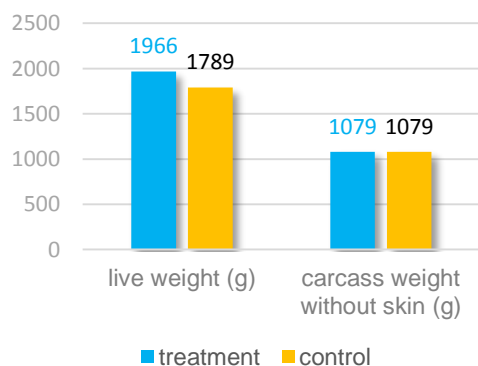
Average weight (g) at day 42



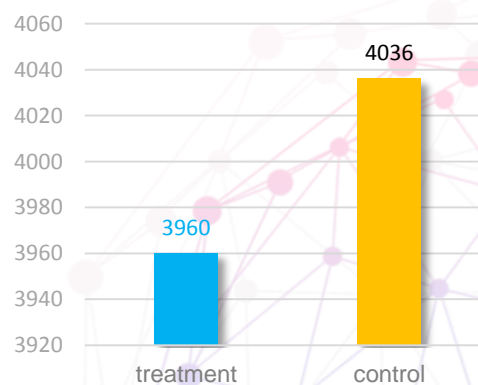
Average production index



Average live weight and carcass weight



Average feed intake (g)



Recommended dosage:

Broilers

0-21 days: 200 g / ton of feed

After 21 days: 100 g / ton of feed

Layer and Breeder pullets

0-21 days: 300 g / ton of feed

After 21 days: 200 g / ton of feed

Layers and Breeders

Egg laying phase: 100 g / ton of feed

Grandparent stock

200 g / ton of feed

Turkey, quail and ostrich

0-21 days: 200 g / ton of feed

After 21 days: 100 g / ton of feed

Storage Conditions:

Store in a cool and dry place at 25°C and away from direct sunlight. Seal the packet after each use. Keep out of reach of children.

Withdrawal Period:

No withdrawal period is required.

Drug Interaction:

Compatible with all kinds of commonly used medicines, additives and vaccines.

Packaging:

1 kg packets

Expiration Date:

24 months from production date



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