

Experience Healthy Life

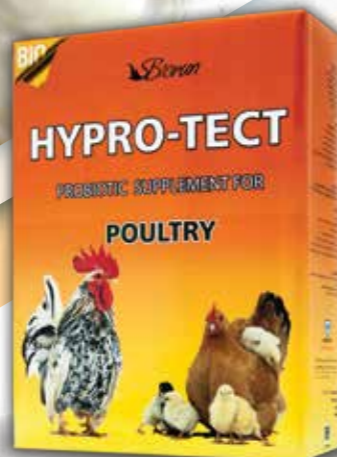
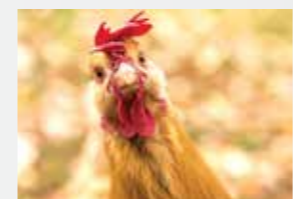
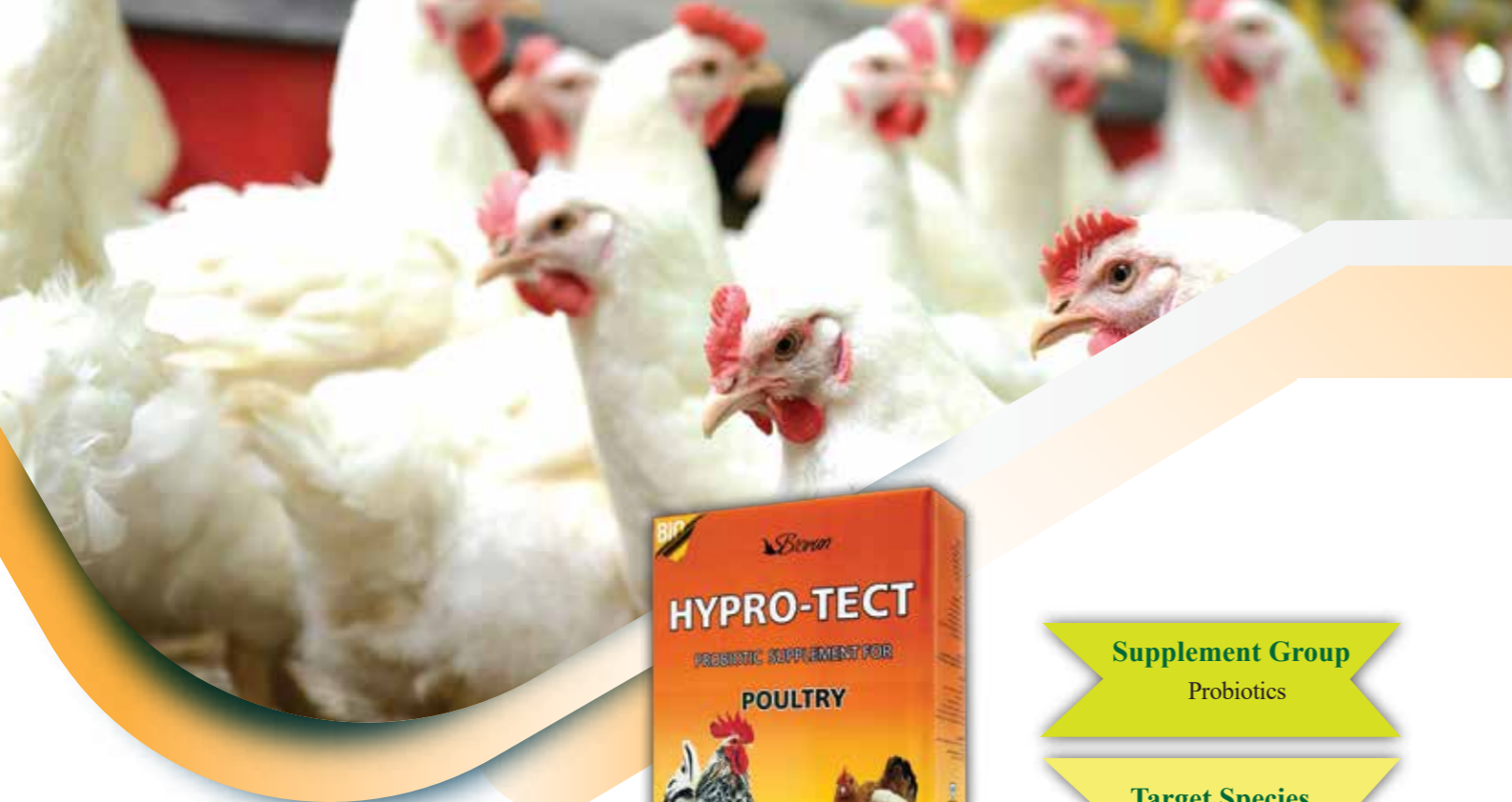


www.biorun.ir

Nature Biotechnology Company
West 8th St. Goldasht, Karaj – IRAN
Tel: +98 (26) 34 80 66 66-7
Fax: +98 (26) 34 80 45 64



مای پروتکت
HYPRO-TECT



Supplement Group

Probiotics

Target Species

Various Types of Poultry

Form of Product

Mixable Powder in Poultry Feed

Supplement Group

Probiotics

Target Species

Various Types of Poultry

Form of Product

Water Soluble Liquid

Ingredients

- *Enterococcus faecium*
- *Pediococcus acidilactici*
- *Streptococcus thermophilus*
- *Lactobacillus bulgaricus*
- *Lactobacillus rhamnosus*
- *Lactobacillus plantarum*
- *Lactobacillus casei*

Active Ingredient Amount:

The total number of probiotic strains per liter at least 10^{11}

Consumption Dose:

1 liter per 10,000 birds

Storage Conditions:

- Keep in a cool, dry place, away from exposure to direct sunlight
- For veterinary use only
- Keep out of reach of children

Expiration Date:

12 months from date of production

Consumption Dose:

Broilers:

- From the beginning to 28 days old 400 g per ton of feed
- From 28 days old to the end of period 200 g per ton of feed

Laying Hens:

- 400 g per ton of feed

Consumption Benefits:

- Boosting immune system
- Improving the feed conversion ratio
- Reducing the infections of the gastrointestinal tract
- Reducing the damages caused by stress
- Reducing the consumption of antibiotics
- Reducing the *Salmonella* contamination (in egg, carcass and feces)
- Reducing the mortality rate

Ingredients

- *Enterococcus faecium*
- *Pediococcus acidilactici*
- *Streptococcus thermophilus*
- *Lactobacillus bulgaricus*
- *Lactobacillus rhamnosus*
- *Lactobacillus plantarum*
- *Lactobacillus casei*
- Calcium carbonate

Active Ingredient Amount:

The total number of probiotic strains per kg at least 10^{11}

Storage Conditions:

- Keep in a cool, dry place, away from exposure to direct sunlight
- For veterinary use only
- Keep out of reach of children

Expiration Date:

24 months from date of production

Action Mechanism of Hypro-Tect:

The bacteria in the formulation of Hypro-Tect produce lactic acid. The lactic acid produced by these bacteria reduces the pH of intestine environment and stops the growth of pathogens such as *E.coli* and *Salmonella*. The most important activity location of probiotics is in the intestine. The probiotic bacteria enter the intestine as auxiliary forces and colonize there. The probiotic bacteria improve the digestion and absorption of nutrients in the intestine and adhere to the intestine cell wall and prevent colonization and activity of pathogens. It is recommended to use Hypro-Tect at the time of stress since in this condition the release of Corticosteroids is increased and it leads to a reduction of secretion of Mucins on the surface of the small intestinal villus. Mucin is a product that most of the beneficial intestine microorganisms use it & by its reduction, the number of beneficial intestine microorganisms such as *Lactobacillus* decreases, and the number of harmful bacteria such as *Coliform* increases. This problem can be solved by Hypro-Tect & the desired microorganisms can replace in the intestine again. Besides improving the growth rate and feed conversion ratio and the side-effects caused by stress and mortality will be decreased in the flock.

