

**ZoiBac Poultry** is a product based on a novel microbial consortium of natural and innocuous microorganisms which are capable of decomposing and mineralizing organic wastes generated in poultry farms.

The microorganisms contained in **ZoiBac Poultry** are more competitive than pathogenic bacteria inhabiting poultry excrements. Thus, when **ZoiBac Poultry** is applied on poultry farm soil, their beneficial bacteria are able to degrade and mineralize poultry excrements into a non-pathogens plant fertilizer that can be easily removed.

In addition, the highly competitive bacteria contained in **ZoiBac Poultry** impede proliferation in poultry farm soil of gas-producing bacteria, which are responsible for emissions of ammonia and hydrogen sulfide, two harmful gases that cause stress and airborne diseases to poultry. Therefore, the application of **ZoiBac Poultry** on poultry farms allows improve poultry health and productivity by reducing bacterial disease and also decreasing ammonia and hydrogen sulfide concentration in poultry farms.

### Properties

- Gel formulation of high solubility.
- Wide temperature range of action: between 15 °C and 40 °C.
- Wide pH range of action: from 5.0 to 9.0.
- Very stable product: 1 year expiration date.
- Secure: Non-toxic, not caustic, non-corrosive, non-volatile, and non-flammable.

### Key benefits

- Impeding proliferation of pathogenic bacteria in poultry farms.
- To reduce ammonia and hydrogen sulfide concentration in poultry houses.
- To diminish environmental impact of contaminant and malodorous gases generated by poultry farms.
- Long-term effect by the action of extremely resistant microorganisms.
- Totally natural and safe product.

### Application

**Dose:** 1.5 L for each 12,000 animals. **Application method:** Dilute the calculated product in water by a minimal ratio of one to five, and pulverize over the barnyard chicken. **Frequency:** Apply just before animal entrance and reapply every four weeks.