

Introducing

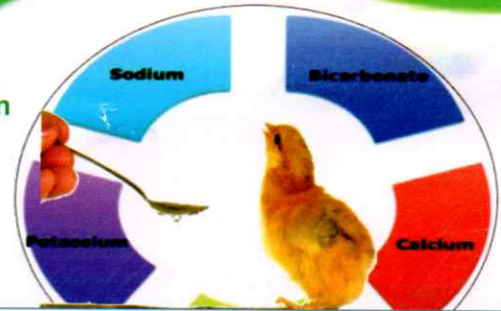


# ElectroSynth

A Unique Next Levels Rehydration formula  
Helps restore  
Dietary Electrolyte Balance



An Optimum Concentration of electrolytes is necessary to maintain the required Osmotic pressure through which the acid base equilibrium is achieved.



*Where nature meets nurture...*

✦ **ElectroSynth** is a Balanced Electrolyte Formula with natural source of Sodium and Potassium regulates hydration levels and it improves average daily weight gain of chickens.

Loss of electrolyte balance is perhaps the most serious outcome. All the body systems are affected when **Dietary Electrolyte Balance (DEB)** is lost. The major effect of this is the development of a complex alienation of the body chemistry following a rise in the deep body temperature. Normal heat regulating systems are soon overcome, hyperventilation (panting) occurs in an effort to cool the body by evaporating water from the lungs. In continuing hot and humid conditions this fails, there are severe changes in the blood, acid base balance (which is essential for normal functioning) is lost and so is the productivity of enzyme systems within cells.

Sodium, Potassium, Chlorine, Sulphur and Bicarbonate form ions. According to their electrical charge ions are either Cations (+) (positive) or Anions (-) (negative). This equation articulates the importance of Dietary Cation Anion Balance (DCAB) more popularly known as Dietary Electrolyte Balance (DEB).  $(Na^+ + K^+) - (Cl^- + S^-)$

✦ **ElectroSynth** is a revolutionary technology that combines fortified coated Vit-C, Vit-E & Phytogetic extract, Herbal Antioxidants.

Vitamin E (Vit. E), Vitamin C (Vit. C), and other antioxidants have beneficial effects as they scavenge free radicals (Gupta,2011, Ruiz -Feria, 2009).

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**Panting,**  
which increases  
as the heat rises

## Power of Electrolytes & Phytobiotics

Sodium Salicylate  
Sodium Chloride  
Sodium Citrate  
Sodium Bicarbonate  
Potassium Chloride  
Calcium Lactate  
Calcium Gluconate  
Ammonium Chloride  
Coated Vitamin C  
Coated Vitamin E  
Phytobiotic Extract  
Onion Powder Extract  
Garlic Powder Extract  
Herbal Antioxidants  
Dextrose

### BENEFITS:

- Prevents dehydration.
- Restore critical electrolytes lost during heat stress.
- Combat oxidative stress.
- Optimizes plasma Osmolarity.
- Helps in maintaining acid base balance in general & fights heat stress induced alkalosis in specific.
- Maintain energy level in off feed times.
- Revitalize bird's health.
- Increased levels of corticosteroids in the blood reduce the activity and population of lymphocytes in the blood.

### DIRECTION FOR USE:

ELECTROSYNTH may be used in the drinking water or in feed. It can be continued until the condition is corrected.

- IN FEED: 1 Kg per Tonne of Feed.

-IN WATER: 1-2 gm per litre of water during hot time of day or as recommended by consultant or registered veterinary practitioner.

### IMPORTANT:

In case of severe diarrhoea and threatened dehydration, double the recommended level, giving as much fluid, bird can take.

If adding to the drinking water always mix the required amount of ELECTROSYNTH with a small quantity of water first and stir thoroughly. Then add the resulting mixture to the water tanks and again stir thoroughly

**Managing the balance of dietary electrolytes is a key factor in maximizing performance in production-limiting environments. The manipulation of DEB must be carefully controlled.**

A Product of :



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EURO Certification (UK) Ltd.



**POULTRY FEED SUPPLEMENT  
NOT FOR  
HUMAN CONSUMPTION**

Presentation 1 kg poly pack

