



## The Role of **Water** in Poultry Nutrition

We may pay nothing for drinking water, but farm may pay hefty price if quality is compromised!

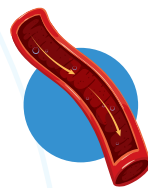
The water consumption of birds is 2.5 times of DMI, so water should be free from microbial contamination which is achieved by several means and ways. The best and safest method is water acidification for better health & performance

Before knowing the best advantages of water acidification, let's see why water is so important nutrient for poultry farming

• **2-2.5** times  
Water consumption  
to feed consumption

**250-300 ml**  
Average daily water  
consumption

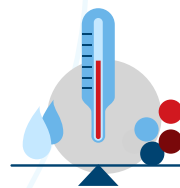
**8 litres**  
One broiler's water  
consumption in life



Circulation and  
distribution system  
of the body



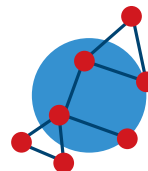
Digestion  
& Excretion



Maintains osmotic  
balance &  
thermoregulation



More than 70 %  
of the live weight  
of chicken is water



Media for biochemical  
and metabolic reactions

### Semalex<sup>®</sup> H+ Liquid

Unique Enterobiotic for Drinking water  
Acidification and Gut health Optimization

**BETTER FEED, BETTER FOOD**  
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#### Featured Solution & Benefits

- Synergistic combination of organic acids and cationic copper
- Liquid formulation for easy dissolution in drinking water
- Well balanced for pH optimization and controlling enteropathogens
- Optimizes water quality and enhances the performance by minimum of 2 log pH reduction of water pH