

Hameco-pH[®] Liquid

Organic acids & Fatty acids

Composition:

Hameco-pH[®] solution contains -

Yeast-extract	2%	Lactic Acid	2%
L-ascorbic Acid	1%	Propionic Acid	7%
Citric Acid	2%	Ammonium Formate	24%
Sorbic Acid	2.5%	Ammonium Propionate	7%
Formic Acid	15%	Propylene Glycol	5%
Acetic Acid	14%	Water	18.5%

Pharmacology:

Hameco-pH[®] is a mixture of organic acids & fatty acids. It decreases intestinal P^H up to 4-5, in which coliform bacteria like *E. coli*, *Salmonella spp.*, *Clostridium sp.*, & *Staphylococcus sp.* can not survive. But this condition is more favourable for the beneficial bacteria in intestine. Hameco-pH[®] increases the secretion of Pancreatic juice (Trypsin, Lipase & Amylase), hence increases the metabolism of Protein, Fat & Carbohydrate. As a result increases FCR. It helps in enzyme production, Digestion & absorption. Due to use of Hameco-pH[®] antibiotic (specially Oxytetracyclin & growth promoter) reaches to highest concentration in blood. (Wyatt and Miller, 1984). Hameco-pH[®] helps in absorption of minerals from the intestine. It maintains the stability of beneficial intestinal bacteria. It is helpful for the development of immunity. Due to its buffering action intestinal P^H never decreases below 4. Hameco-pH[®] is produced naturally & each Litre contains 3600 K. Cal metabolic energy.

The organic acid (HCOOH) penetrates the cell membrane of bacteria. Inside the cell, the acid dissociates according to internal P^H: acid <-> anion and H⁺ (proton). The H⁺ (Proton) decreases P^H inside the cell. The bacteria use its energy resources trying to eliminate the protons, as a result the bacteria dies. Anions of organic acids deactivate RNA transferase enzyme, which damage nucleic acid multiplication process and eventually result in death of organism.

Indication:

To maintain balance between helpful & harmful bacteria in intestine of animal & birds; non-specific diarrhea; in stress condition (which causes - recurrent diarrhoea, mortality, decrease production, increases the virulency of diseases, hampers to develop immunity in the body after vaccination).

Dosage & Administration:

Per Litre of drinking water-

Age	Turkey	Broiler	Layer
1 week	0.6 ml	1.0 ml	1 ml
2 week	1.0 ml	1-1.5 ml	1 ml
3 week	1.5 ml	1-2 ml	1-1.5 ml
4 week	1.5 ml	1-2 ml	1-1.5 ml
5 week	1.5 ml	1-2.5 ml	1-2.0 ml
6 week & more	2.0 ml	1-2.5 ml	1-2.0 ml

Use 5-7 days for treatment, may be use few weeks if necessary. And for prevention of diseases one time (6-8 hours) daily for 5-7 days.

Contraindication & Precaution:

It is non-corrosive & user friendly.

Storage Condition:

Store in a cool & dry place. Use as early as possible after opening the container. Protect from direct sunlight & moisture. Keep away from reach of children.

How Supplied:

100 ml, 500 ml & 1 Litre.