



⬡ Water Acidification

EVACIDE Liquid



Water: Essential but forgotten nutrient

- Essential element in total metabolism:
 - Chemical reactions
 - Body temperature regulation
 - Nutrient transport
 - Milk production
- Animals drink at least 2 times more than they eat
- The ratio water to protein in the body of animals is 3:1

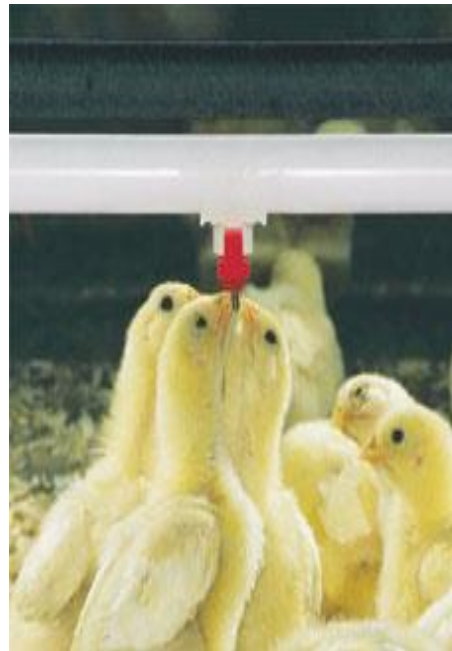
Micro-organisms in the water



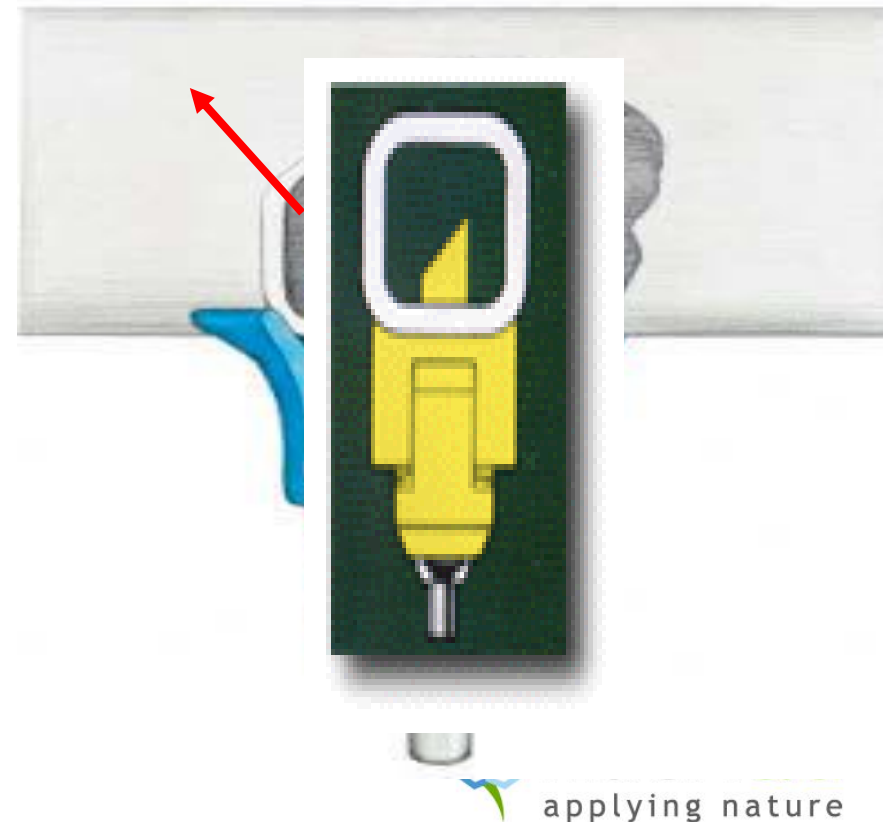
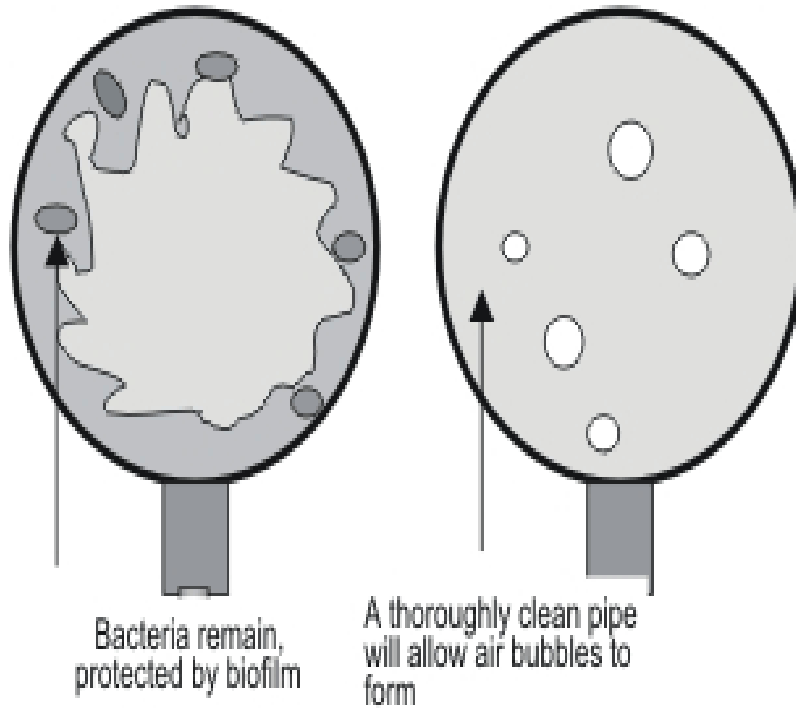
Critical Points



Critical Points



Biofilm



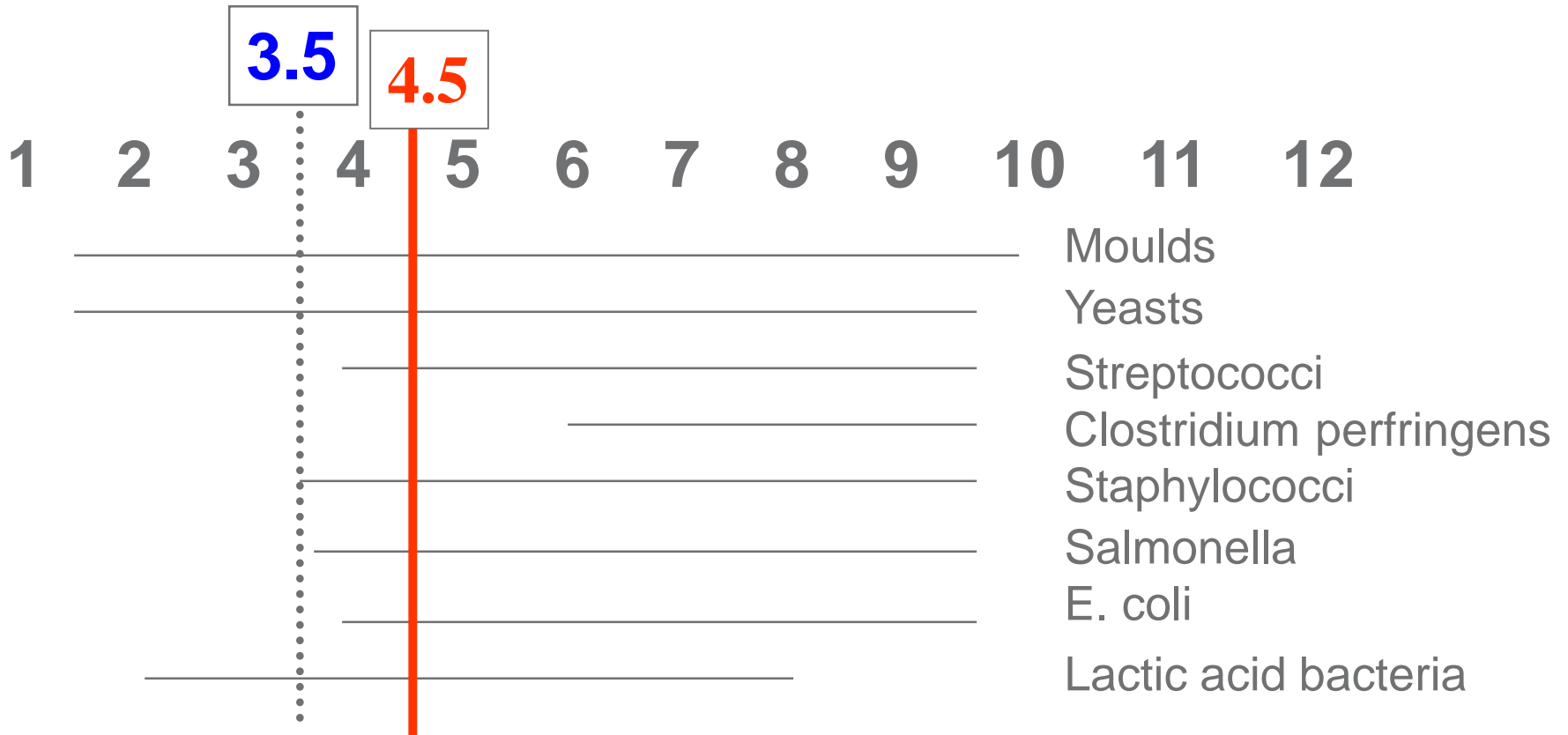
Critical Points



Why Water Acidification ?

- Total hygiene program
 - Avoiding horizontal contamination
 - Stimulation of optimal micro-flora in the crop in poultry or stomach in piglets to prevent multiplication of pathogenic bacteria
 - Improve Chlorine treatment effectiveness
 - Increase feed intake under heat stress
- To clean water
 - Reduce potential bacterial contamination through water.

Sensitivity of bacteria to low pH



What is EVACIDE ?

- EVACID is a mixture of organic acids, developed to promote the improvement of drinking water quality through controlling and optimizing water pH

When to use it ?

- To reduce the pH of drinking water
- To clean the water distribution system
- To reduce the carcass & eggs bacterial contamination
- In heat stress situations
- In stressful conditions
 - Immune suppression
 - Sudden change of temperature or humidity
 - Diet changes
 - Young animals
 - At weaning
 - During vaccination

How to apply ?

- EVACID reduces the pH of water when used at a dose varying from 0.1 l to 1.l per 1000 liters of water.
 - The dose varies depending on the type of water (hard or soft)
- From 1:3000 to 1:1000
- Use pH meter or pH paper to adjust dose targeting a pH of 4

Benefits

- ✓ Maintains taste and smell
- ✓ Improves water and feed intake
- ✓ Ensures optimal production
- ✓ Disinfects drinking water systems
- ✓ Reduces toxin levels
- ✓ No interactions with additives
- ✓ Reduced risk of infections
- ✓ Reduced mortality
- ✓ Less work, less annoyance

Field Experience

- Much positive feedback from the application of **EVACIDE Liquid** in breeding poultry farms and broiler farms.
 - Strong capacity on diarrhea control; diarrhea problems decreased 40-50% in broiler farm
 - Improvements on production performance:
 - such as 6% increase in breeding egg production in large breeder layer farm.
 - ADG improved in broiler farms after solving diarrhea problems
 - Veterinary drugs application decreased a lot, health status of poultry herd increased, **EVACIDE Liquid** really controls bacterial imbalances.

Feedback & Field Experience

Broiler farms:

- Strong capacity on diarrhea control; diarrhea problems decreased 40-50% in broiler farms
- Improvements on production performance such as 6% increase in breeding egg production in large breeder layer farm
- ADG improved in broiler farms after solving diarrhea problems
- Veterinary drugs application decreased a lot, health status of poultry herd increased,
- Really controls bacterial imbalances

Effect on Water pH

EVACIDE Liquid ml/l	Hardness of water	
	soft	hard
	pH	pH
0	6.9	8.6
0.5	4.5	5.9
1	3.0	5.1
2	2.8	4.4
3	2.7	3.8

Packing

Drums of 1, 5 and 25 liters

EVACIDE is non toxic and does not represent any risk to humans or animals, as long as recommended doses are applied.



Distributed by:



EVACIDE Liquid



Optimum Water Acidification

EVACIDE is a mixture of organic acids developed to assure drinking water quality through controlling and optimizing water pH.



Water: Essential but forgotten nutrient

- Essential element in total metabolism: chemical reactions, body temperature regulation, nutrient transport, milk production,...
- Animals drink at least 2 times more than they eat
- The ratio water to protein in the body of animals is 3:1

Why Acidification?

- It constitutes a total hygiene program
- It avoids horizontal contamination
- It stimulates optimum the micro-flora in the crop in poultry or in the stomach in piglets to prevent multiplication of pathogenic bacteria
- It improves Chlorine treatment effectiveness
- It increases feed intake under heat stress

EVACIDE Liquid benefits:

- Avoidance of interference with the water organoleptic characteristics
- Support of the optimum water intake and consequently of the optimum feed intake
- Prevention of bacterial and micro-organism contamination in the drinking system equipments (tubes, pipes...)
- Inhibition of algae proliferation
- Prevention of biofilm reducing potential for bacterial bloom

How to apply?

EVACIDE reduces the pH of water when used at a dose varying from 100 ml to 500 ml per 1000 liters of water. The dose varies depending on the type of water (hard or soft)

Drinking systems cleaning

- 300 to 500 ml/1000l of water before new batch

Prevention

- 100 to 300 ml per 1000 l of drinking water, continuously

Doses when specific diarrhea cases

- Use 200-500 ml per 1000 l of drinking water from 3 to 5 days
- For best results water pH value at nipple should be 4-4.5 after adding the acid
- Too low pH will affect water intake, thus, verify on a regular base the pH



Packing

