

**IMPORTANT NOTE:**

Concentrations vary depending on the nature of the work, the environment and the products. Please refer to each product's technical bulletin for optimal use, or contact your representative.



# SUMMARY OF PROCEDURES

## Cleaning and disinfecting dairy farm

### PREMISES

**CLEANERS:**

**ADHERE CPM / FO**  
(Chlorinated alkaline gel cleaner/moderate foaming)  
or  
**FOAM-EZE**  
(Alkaline cleaner / high foaming)  
**METASOL**  
(Alkaline cleaner / high foaming)

**DISINFECTANTS:**

**GLUQUAT 300**  
(Non-corrosive disinfectant)  
or  
**PENQUAT FD**  
(Quaternary disinfectant)

**FREQUENCY**

Twice a year minimum  
• **Calf pen**  
Between each calf  
• **Water bowls, feed alley and water trough**  
As often as possible

**RECOMMENDED USE**

- Calf pen
- Hutches
- Milking robot
- Milking parlor
- Holding chute
- Calving pen
- Holding area
- Mats
- Free stall
- Stall
- Fan
- Animal transport
- Water bowls
- Feed alley
- Water trough

**DIRECTIONS FOR USE**

1. Manually remove a maximum of soil.
2. Rinse surfaces with clean water.
3. Apply the alkaline detergent (**ADHERE CPM, ADHERE FO, FOAM-EZE** or **METASOL**) with a foam gun at a dilution rate starting at 1%.
4. Allow to dwell. (**ADHERE CPM, ADHERE FO, FOAM-EZE** or **METASOL**) for 5 to 25 minutes.  
**Do not allow to dry on the surface.**
5. Stubborn soils can be scrubbed with a push broom, floor pad or brush.
6. Rinse with clean water.
7. Ensure that there is no water accumulation on the surfaces before applying the disinfectant (this could inhibit the action of the disinfectant).
8. Apply the disinfectant **GLUQUAT 300** or **PENQUAT FD** with a foam gun, at a dilution rate starting at 0,5%.
9. Dry as quickly as possible.

**EQUIPMENT**

Mosmatic Foamer



Foaming Gun LS-12



### WATER LINES (Shock treatment)

**CLEANER:**

**PREMISE ACID**  
(Nettoyant acide / non moussant)

**SANITIZER:**

**HYPER O**  
(Peroxyacetic acid-based liquid sanitizer / non-foaming)

**FREQUENCY**

- **PREMISE ACID**  
Annual Shock treatment between each lot (dilution 1:64)
- **HYPER O**  
Preventive treatment between each lot (dilution 1:64)

**OBJECTIVE**

To remove mineral and organic deposits.

**RECOMMENDED USE**

- Water lines, animals absent.



**DIRECTIONS FOR USE**

Apply the Sanitizing procedure following the shock treatment with Premise acid. Make sure the lines are thoroughly flushed between the two procedures.

1. Adjust the proportioner to 1:64 for **PREMISE ACID** or **HYPER O**.
2. Insert the proportioner hose in the **cleaner** or the **sanitizer** container.
3. Circulate the product in the lines for 5-8 minutes.
4. Ensure that all lines, including the water bowls ones, have been filled with solution.
5. Once all the lines are filled, shut off all water lines, then the proportioner.
6. Allow to dwell. **Premise Acid:** 8 to 16 hours, **Hyper O:** 1 to 2 hours.
7. After dwell, rinse all lines with clean water.
8. Ensure that there is no clogging or blockages in the lines.

**EQUIPMENT**

Proportioner / medicator



### WATER TANKS

**CLEANER:**

**FOAMCHEK**  
(Acid cleaner / non-foaming)

**DISINFECTANTS:**

**GLUQUAT 300**  
(Non-corrosive disinfectant)  
or  
**PENQUAT FD**  
(Quaternary disinfectant)

**FREQUENCY**

As often as possible

**OBJECTIVE**

Cleaning and disinfection of water tanks.

**RECOMMENDED USE**

- Water tanks



**DIRECTIONS FOR USE**

1. Completely drain the tank.
2. Rinse out the interior with clean water.
3. Spray a solution of **Foamchek** on the walls at a dilution of 2%.
4. If required, use a brush on the walls.
5. Allow to dwell for 3 to 5 minutes.
6. Rinse with clean water.
7. Foam the disinfectant solution at a dilution rate starting at 0,5% for **GLUQUAT 300** and 0,7% for **PENQUAT FD**, on all surfaces.
8. Allow to dwell for 15 to 20 minutes.
9. Rinse thoroughly with potable water to remove all traces of disinfectant solution prior to re-filling.

**EQUIPMENT**

Mosmatic Foamer



Foaming Gun LS-12



### WATER TREATMENT (Continuous)

**PRODUCT:**

**HYPER O**  
(Peroxyacetic acid-based liquid sanitizer)

**PREMISE DESINFECTANT**  
(Iodine-based disinfectant and sanitizer)

**FREQUENCY**

Ongoing, or as recommended by your advisor

**OBJECTIVE**

Sanitize water.

**RECOMMENDED USE**

- Water lines, in the presence of animals.



**DIRECTIONS FOR USE**

1. Prepare a stock solution at 1,5% (15 ml / litre giving 750 ppm) and set the mixing pump at 1:128 (6 ppm).  
Ne mélangez jamais **HYPER O** avec un autre produit.
2. Do this treatment continuously or as per the recommendations from your advisor.

**EQUIPMENT**

Proportioner / medicator or Dosing Pump



### WATER TREATMENT (Continuous)

**PRODUCTS:**

**WEST ACID R**  
(Blend of three acids: Phosphoric acid, lactic acid and formic acid)

**ACETIC ACID 56%**  
(Liquid acidifier)

**QUADRACID**  
(Blend of one inorganic acid and three organic acids.)

**FREQUENCY**

Continuous

**OBJECTIVE**

To obtain a slightly acidic pH (6.5-7.0)

**RECOMMENDED USE**

- Water acidification  
In the presence of animals for **ACETIC ACID 56%** and **WEST ACID R**



**DIRECTIONS FOR USE**

1. Prepare a stock solution: mix 10 ml of acidifier in 1 litre of potable water.
2. Pump through the system at a rate of 1:100.
3. Check the pH and adjust accordingly.

When diluted as directed, the pH of the drinking water will decrease by 1.5 to 3.0 units, depending on water quality and hardness.

**EQUIPMENT**

Dosing pump or Stenner pre-assemble panel

