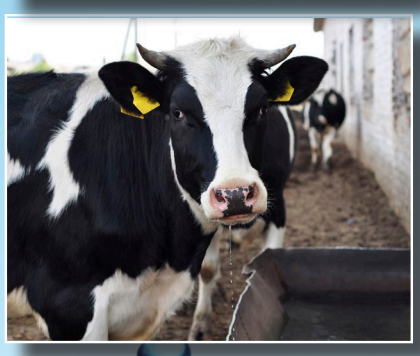
Farm water treatment
Procedures

TREAT THE PROBLEM
AT THE SOURCE
to improve **productivity**
and animal **health**



ARTESIAN WELL

DICHLOROSAN A+B
(Chlorine dioxide based sanitizer)

Twice a year (spring and autumn) or when needed

1. **Prepare a 2000 ppm stock solution prior to dilution and use.** A mixture of 1% (10g / liter) of DICHLOROSAN A and 1% (10g /liter) of **DICHLOROSAN B** will give a 2000 ppm solution of chlorine dioxide.
2. Stir until dissolved completely. Close container and let react for 30 minutes*.
3. Add 25mL (1 oz.) of 2000ppm stock solution for every foot of lenght (6″ diameter well) to give 10ppm of chlorine dioxide for 10 days. (Ex.: For a 200 ft well, add 5 litres of stock solution) (Multiply 200 X 25mL = 5000mL = 5 Litres)

** Keep the container closed and ensure adequate ventilation due to the chlorine dioxide gas that can emanate from the solution.*

WATER LINES

PREMISE ACIDE *(Acid cleaner)*
Annual shock treatment between each lot (dilution 1:64)

HYPER SAN *(Peroxyacetic acid sanitizer)*
Preventive treatment between each lot (dilution 1:64)

Apply the San Hyper 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.
2. Insert the proportioner hose in the **Premise Acid** or the **Hyper San** 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 San**: 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.

WATER TANKS

FOAMCHEK
(Acid cleaner)

GLUQUAT 2
(Foaming disinfectant)

GLUQUAT 300
(Non-corrosive disinfectant)

As often as possible

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%. *(yellow-gree tip)*
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 (**Gluquat 2** or **Gluquat 300**) at 1% *(dark green tip)* 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.

WATER TREATMENT

DICHLOROSAN A+B
(Chlorine dioxide based sanitizer)

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1. Prepare a 2000ppm stock solution prior to dilution and use. A mixture of 1% (10g / litre) of DICHLOROSAN A and 1% (10g /litre) of DICHLOROSAN B will give a 2000ppm solution of chlorine dioxide. Mix an equal quantity of DICHLOROSAN A and DICHLOROSAN B in water, mix gently and let react for 30 minutes.
2. Dilute the stock solution to a obtain a solution of 1ppm.
3. Continue treatment for 10 days or on an annual basis.

** Keep the container closed and ensure adequate ventilation due to the chlorine dioxide gas that can emanate from the solution.*

WATER TREATMENT

WEST ACID R*
(Blend of 3 acids: Phosphoric acid, lactic acid and formic acid)

ACETIC ACID 56%*

QUADRACID
(Blend of one inorganic acid and 3 organic acids)

Continuous

1. Prepare a stock solution by mixing in 50 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.

* Animals present for **ACETIC ACID 56%** and **WEST ACID R**

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.

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