












SUMMARY OF PROCEDURES

Cleaning and Disinfection of Duck Farms

PREMISES	<p>CLEANERS: ADHERE CPM / FO (Chlorinated alkaline gel cleaner/moderate foaming) or FOAM-EZE (Alkaline cleaner / high foaming) METASOL (Alkaline cleaner / high foaming)</p> <p>DISINFECTANTS: GLUQUAT 300 (Non-corrosive disinfectant) or PENQUAT FD (Quaternary disinfectant)</p>	<p>FREQUENCY Between each lot</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none">• Walls• Floors• Ceilings• Fans• Feeders• Nipples• Outside water lines (feeders and nipples)• Pan feeders• Silos	<p>DIRECTIONS FOR USE</p> <ol style="list-style-type: none">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. <u>Do not allow to dry on the surface.</u>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.	<p>EQUIPMENT Mosmatic Foamer</p>  <p>Foaming Gun LS-12</p> 
	<p>CLEANER: PREMISE ACID (Nettoyant acide / non moussant)</p> <p>SANITIZER: HYPER O (Peroxyacetic acid-based liquid sanitizer / non-foaming)</p>	<p>FREQUENCY</p> <ul style="list-style-type: none">• PREMISE ACID Annual Shock treatment between each lot (dilution 1:64)• HYPER O Preventive treatment between each lot (dilution 1:64) <p>OBJECTIVE To remove mineral and organic deposits.</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none">• Water lines, animals absent. 	<p>DIRECTIONS FOR USE <u>Apply the Sanitizing procedure following the shock treatment with Premise acid. Make sure the lines are thoroughly flushed between the two procedures.</u></p> <ol style="list-style-type: none">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.	<p>EQUIPMENT Proportioner / medicator</p> 
	<p>CLEANER: FOAMCHEK (Acid cleaner / non-foaming)</p> <p>DISINFECTANTS: GLUQUAT 300 (Non-corrosive disinfectant) or PENQUAT FD (Quaternary disinfectant)</p>	<p>FREQUENCY As often as possible</p> <p>OBJECTIVE Cleaning and disinfection of water tanks.</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none">• Water tanks 	<p>DIRECTIONS FOR USE</p> <ol style="list-style-type: none">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.	<p>EQUIPEMENT Mosmatic Foamer</p>  <p>Foaming Gun LS-12</p> 
	<p>PRODUCT: HYPER O (Peroxyacetic acid-based liquid sanitizer)</p> <p>PREMISE DESINFECTANT (Iodine-based disinfectant and sanitizer)</p>	<p>FREQUENCY Ongoing, or as recommended by your advisor</p> <p>OBJECTIVE Sanitize water.</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none">• Water lines, in the presence of animals. 	<p>DIRECTIONS FOR USE</p> <ol style="list-style-type: none">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.	<p>EQUIPMENT Proportioner / medicator or Dosing Pump</p> 
WTAER TREATMENT (Continuous)	<p>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.)</p>	<p>FREQUENCY Continuous</p> <p>OBJECTIVE To obtain a slightly acidic pH (6.5-7.0)</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none">• Water acidification In the presence of animals for ACETIC ACID 56% and WEST ACID R 	<p>DIRECTIONS FOR USE</p> <ol style="list-style-type: none">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. <p><i>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.</i></p>	<p>EQUIPMENT Dosing pump or Stenner pre-assemble panel</p> 