

Critical points on the poultry farm: Cleaning and disinfection

1. Cleaning

Cleaning should start as quickly as possible after loading the chickens.

1. Remove manure residues
2. Prewash or not depending on the type of alkaline cleaner (not required with Kenosan)
3. Perform the foam cleaning with the alkaline cleaner:
 - Reduction of the surface tension
 - Penetration of water into the organic substance
 - Dissolving of the lipid parts of the organic layer
4. Rinse with high pressure
5. Let it dry!



Proper cleaning creates the necessary foundation for successful disinfection.

CLEANING			
<p>STEP 1</p> <p>Dry cleaning: take away all rests of manure. The manure and litter should be removed out of the barn, and if possible immediate transported outside the farm site.</p>	<p>STEP 2</p> <p>Clean water system (inside).</p>	<p>STEP 3</p> <p>Soak with water, remove most of dirt. Soaking with water for 4-6 hours improve the cleaning results</p>	<p>STEP 4</p> <p>Clean ventilation fans and air inlets.</p>
<p>STEP 5</p> <p>Clean ceilings. The first thing that must be cleaned inside the barn is the ceiling and the ventilation shafts. If this is not done first, the dirt can recontaminate other parts of the building.</p>	<p>STEP 6</p> <p>Clean outside of feeding and water system. Feeding pans should be dismantled and cleaned properly to remove all the residues of feed and organic matter.</p>	<p>STEP 7</p> <p>Clean floor and walls.</p>	<p>STEP 8</p> <p>Remove excess of water and let dry.</p>

2. Disinfection

A good disinfectant needs to meet a number of requirements:

- Broad spectrum
- Quick and efficient in low concentrations
- Sufficiently effective where organic materials are present
- Good penetrative capacity
- Doesn't damage the building equipment
- Is compatible with the water and detergent you are using
- Works even at lower temperatures
- Non-toxic for people or animals
- Biodegradable
- Registered disinfectant

Disinfection: spray or foam

Foam

- Increases the contact time
- Better penetrative capacity in porous surfaces
- Stay in place longer
- Much quicker to apply
- Less consumption
- Visible

