

The Poultry Post

J U L Y 2 0 0 8

POULTRY HOUSE DISINFECTION

Why should I disinfect you ask yourself?

Bringing baby chicks into a clean environment is important to the future of your birds. Reducing the load of pathogens in the environment of your flock will decrease the risk of disease. Disinfection refers to the reduction of pathogens (disease-causing organisms). Disinfectants are chemical agents that can kill pathogens on contact. It is important to clean prior to disinfecting to expose the pathogens to the disinfect.

The type of disinfect that you chose will depend on your particular situation. Always make sure they are approved by your integrator first .



Tip: You can not disinfect floors, you must sanitize hard surfaces in order for disinfection to work properly.

There are 7 classes of disinfectants: Phenols (Pine-sol and Tek-Trol), Chlorines (Clorox), Iodines (Betadine), Quaternary ammoniums (Zephiran and Germex), Alkalis, Chlorhexidine, and Oxidizing Agents (Hydrogen peroxide and propionic acids).

Phenols are used mostly in the field because for the effectiveness in organic load. Cryslic acids are very good to use but are classified as a cleaner by EPA. Theses are very good with dermatitis in the houses. There are phenol and cryslic blends that are the best to use (Quat-X 20).



TIPS FOR A GOOD TOTAL HOUSE SANITATION AND DISINFECT

1. **First remove all litter, feed, and other remains from previous flock.**
2. **Do a clean sweep of cobwebs on fans, doors, and ceilings.**
3. **All hard surfaces should be scrubbed with a detergent/disinfectant (control rooms, shutters, fans, vent boards). Rinse.**
4. **To disinfect efficiently, a high powered sprayer should be used.**
5. **Apply the disinfectant evenly throughout the house.**
6. **Allow to dry.**
7. **Reapply and allow to dry a second time for optional results.**

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