

HPAI Preparedness

Cleaning and Disinfection

Cleaning and Disinfection

- All previously HPAI Infected Premises must be cleaned and disinfected.
- Cleaning and disinfection practices during an outbreak should focus on HPAI virus elimination in a cost effective manner.
- Each of these premises requires a *written* C&D plan approved by State Animal Health Officials and USDA-APHIS. ***Approval is required for reimbursement.***

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Plan Requirements:

- ✓ Identify the area, structures and equipment to be included in the C&D process.

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Plan Requirements cont'd:

- ✓ Describe the Preparation phase that includes:
 - Removal of composted litter and mortality from the houses
 - Removal of all feed from feed bins and tracks, disassemble if appropriate to facilitate C&D
 - Repair all openings in buildings where wild animals or birds can enter buildings
 - Removal of vegetation from around buildings
 - Drain any standing water around buildings
 - Establish rodent and insect control program
 - Empty watering system, disassemble if appropriate to facilitate C&D

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Plan Requirements cont'd:

- ✓ Describe the cleaning method to be used:
 - Cleaning options:
 - **Dry cleaning**- removal of gross contamination, organic material, and debris from the premises, via mechanical means such as sweeping *and/or*
 - **Wet cleaning**- use of water and soap or detergent

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Plan Requirements cont'd:

- ✓ Describe the disinfection method to be used:
 - Disinfection options:
 - **Wet disinfection** with EPA Approved, California Registered disinfectant
 - **Drying and Heating** (*100-120 F for 7 days- at least 3 days must be consecutive days drying and heating of the 7 days total*)
 - **Fumigation or Alternative Science Based Methods** (*If APHIS is paying for service then APHIS must approve prior to application to be reimbursed*)
- *Note: a premises may require a combination of methods, but at least one cleaning and one disinfection option must be used.*

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For premises that can't be cleaned and disinfected:

- Unusual circumstance
- Following for 120 days or a period recommended by Incident Command
- Length will vary, depending on temperature and season
- Reserved for use on premises that need to be completely repaired or destroyed in order to be effectively cleaned and disinfected.

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- While traditionally wet cleaning and disinfection has been performed during past incidents, dry cleaning and heating of houses may be the preferred approach during a widespread HPAI outbreak.
- Any methods selected should consider the characteristics of the premises/ houses and other factors that may impact the effectiveness of the HPAI virus elimination activities.

Cleaning and Disinfection

Start thinking about how you would want to clean and disinfect your facility to eradicate HPAI virus

A word on compensation

- According to APHIS-VS “Fall 2015 HPAI Preparedness and Response Plan, 9/18/2015
 - APHIS-VS working on streamlining payment for virus elimination costs.
 - Considering a flat rate payment based on the cost of the preferred method of dry cleaning and heating for virus elimination.