

HPAI INFECTED PREMISES RECOVERY GUIDANCE

STEPS TO RESTOCKING AN INFECTED PREMISES

Premises infected with highly pathogenic avian influenza (HPAI) step through three phases, (1) stamping out the disease, (2) cleaning and disinfecting the premises, and (3) restocking.

Confirmation & Depopulation

A premises suspected of being infected with HPAI is immediately quarantined. A Control Zone, of at least 10 km (6.2 miles), is then established around the infected premises. Poultry premises within the control zone are quarantined at the time of disease confirmation.

Time consideration: Once HPAI is confirmed at the appropriate laboratory, the Iowa Department of Agriculture's goal is to depopulate a poultry premises in 24 hours, as per American Veterinary Medical Association (AVMA) guidelines.

Disposal

Disposal must be conducted on the infected premises according to state and federal requirements. Disposal options include indoor and outdoor composting (according to DNR regulations); burial (if approved); and incineration (with required permits).

Time consideration: When composting, once the windrows are made/capped expect a minimum of 28 days, plus the amount of time required to turn after the first 14 days. Temperatures taken daily; minimum threshold must be attained.

Release of a Control Zone

The pace of disposal at the infected premises affects operations of poultry premises in the Control Zone. As long as the Control Zone is in place, all poultry premises within the Control Zone must seek permits to move anything on, or off, their premises. To release the Control Zone the following must occur:

First, depopulation of the infected premises must be complete.

Second, disposal is complete. Disposal is considered complete when:

- a. Compost – application of the clean cap is complete.
- b. Burial and incineration – the disposal activities must be complete.

Third, initial virus elimination activities on the last Infected Premises must be completed. This does not include barn interiors.

Fourth, outbreak surveillance in the Control Zone commercial premises and backyard premises has been completed and there is no evidence of HPAI infection in the Control Zone.

Fifth, **14 days** must have passed since the last positive HPAI results, WITH depopulation AND the initial virus elimination complete.

Cleaning and Disinfection (virus elimination)

Infected premises must be both cleaned and disinfected.

Cleaning is the removal of gross contamination, organic material, and debris from the premises or respective structures, via mechanical means like sweeping (dry cleaning) and/or the use of water and soap or detergent (wet cleaning). The goal is to minimize the remaining organic material so disinfection can be effective.

Disinfection is methods used on surfaces to destroy or eliminate HPAI through physical (e.g., heat) or chemical (e.g., disinfectant) means. A combination of methods may be required.

Time consideration: If drying & heating, the barn must be heated to at least 100-120°F for seven days total, with a minimum of three consecutive days reaching a specified temperature.

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Environmental
Sampling &
Fallow Period

When cleaning and disinfection activities are complete the infected premise must sit fallow for a minimum of **14 days**. During the fallow period environmental sampling will occur with results indicating no evidence of HPAI infection.

Restocking &
Quarantine
Release

When all the activities described above are complete and all infected premises' quarantine and flock plan requirements have been met, the site may seek permission to restock. As condition of the quarantine release, restocking may occur with requirements such as HPAI testing at 21 days after restocking.

QUESTIONS

Website, HPAI: <https://iowaagriculture.gov/animal-industry-bureau/avian-influenza>

Website, Biosecurity: <https://iowaagriculture.gov/animal-industry-bureau/biosecurity>

Phone: (515) 281-5305

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