



Biosecurity Resources and Training

HPAI comprehensive resource material

<https://extension.umd.edu/programs/agriculture-food-systems/program-areas/animal-science/maryland-poultry/highly-pathogenic-avian-influenza-hpai/>

Excellent training videos for technical service providers, backyard and commercial producers in 5 different languages

<https://extension.umd.edu/programs/agriculture-food-systems/program-areas/animal-science/maryland-poultry/videos/>

Basic information on Biosecurity <https://dev.extension.umd.edu/resource/biosecurity/>

Use this resource to share with poultry producers. This easy-to-use tool allows a grower to self-assess the biosecurity measures on their farm.

[BEAT-HPAI: A Web Tool for Self-Assessment of Biosecurity against HPA](#)

Biosecurity tools:

- Disposable booties
- Can of disinfectant
- Trash bag

- Spray mat of your vehicle
- Wear disposable booties on every farm you visit
- Put booties on before as you get out to the vehicle
- Dispose of booties in trash bag before you get back in your vehicle
- Leave trash bag on the farm.

For more information please contact the UME Poultry Team

<https://extension.umd.edu/programs/agriculture-food-systems/program-areas/animal-science/maryland-poultry/> (bottom of the webpage)

HOW TO RESPOND TO AN HPAI OUTBREAK



1



MONITOR YOUR FLOCK

REGULARLY CHECK YOUR FLOCK FOR ANY SIGNS OF HPAI SUCH AS SUDDEN MORTALITY; BLuish DISCOLORATION OF HEAD, COMB AND WATTLES; GREENISH DIARRHEA; REDUCED EGG PRODUCTION OR POOR EGG QUALITY; SEVERE LETHARGY; NEUROLOGICAL SIGNS SUCH AS HEAD TILTING OR PARALYSIS.

2



REPORT ABNORMALITIES

AFTER NOTICING SIGNS OF HPAI OR UNUSUAL INCREASE IN MORTALITY, REPORT THE FINDINGS TO THE MDA ANIMAL HEALTH PROGRAM AT 410-841-5810. FOR ANY QUERIES ABOUT THE HPAI OUTBREAK IN MARYLAND, POULTRY GROWERS CAN EMAIL AT

MD.Birdflu@maryland.gov.

3



ALERT OTHERS

IF MDA CONFIRMS THE PRESENCE OF HPAI IN YOUR POULTRY PREMISES, COMMUNICATE THE FINDINGS TO WORKERS, NEIGHBORS, VETERINARIANS, TECHNICIANS, FARM SUPPLIERS AND OTHER CLOSELY ASSOCIATED PERSONNEL.

4



STOP THE SPREAD

PROTECT OTHER POULTRY FLOCKS BY STOPPING THE SPREAD OF HPAI THROUGH STRICT TRAFFIC CONTROL TO AND FROM YOUR PREMISES AND THOROUGH DISINFECTION OF VEHICLES, EQUIPMENT, AND CLOTHING.

For complete information on HPAI, please visit the following program page at University of Maryland Extension website.

<https://extension.umd.edu/programs/agriculture-food-systems/program-animal-science/maryland-poultry/highly-pathogenic-swine-influenza-hpai>

ACKNOWLEDGMENT

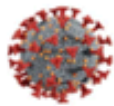
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UNIVERSITY OF MARYLAND EXTENSION

PROTECT YOUR FLOCK FROM HIGHLY PATHOGENIC AVIAN INFLUENZA (HPAI)



What causes the HPAI in poultry?



HPAI or bird-flu in domestic poultry is caused by virulent subtypes of type-A influenza virus.

What are the symptoms of HPAI in poultry?



How does it spread to poultry flocks?



HPAI spread in the poultry flock occurs through direct or indirect contact with-

- Migratory waterfowl,
- Infected poultry,
- Contaminated vehicle/ equipment,
- Contaminated personnel/ workers, etc.

How to protect your flock from the HPAI?



Restrict the entry of non-essential personnel and maintain visitors' logbook.



Wear dedicated boots and coveralls upon entering the poultry shed.



Shower before entering poultry barn after visiting other poultry farms or contacting wild birds.



Implement pest and vermin management program at your poultry farm.



Minimize the potential contact of the poultry flock with wild birds.



Wash & Sanitize your hands before and after handling the birds.



Limit the entry of equipment and vehicles before Cleaning and Disinfection.



Implement regular flock health monitoring and surveillance



Review your biosecurity plans and regularly Conduct Biosecurity Audits



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