



# LBM Biosecurity

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# Clinical Signs of HPAI in Poultry



- ◆ Sudden death and increased death in flocks
- ◆ Sneezing, gasping for air, nasal discharge, coughing
- ◆ Greenish watery diarrhea
- ◆ Decreased activity, tremors, drooping wings, twisting of the head and neck, circling, complete stiffening
- ◆ Swelling around eyes and neck
- ◆ Egg making declines, misshapen, soft, discolored
- ◆ Sick bird hotline: **866-922-2473**

# What is C&D?

- ◆ ‘Cleaning and Disinfecting’
- ◆ **Cleaning** removes things like dirt, feathers, manure, and more
- ◆ **Disinfecting** kills bacteria and disease
- ◆ You must clean **AND THEN** disinfect to ensure biosecurity



# Disinfectants

- ◆ Disinfectants do not need to be expensive, make sure to research different types
- ◆ Diluting or watering down disinfectants following package instructions does **NOT** make it less effective
- ◆ Disinfectants won't work if you don't remove visible organic material first



# Comparing costs

## Household Bleach

\$8



VS

## Bio-Phene

\$40



=



1 cup

1 gallon



=



1 cup

16 gallons

Day to day biosecurity

# Employee personal protective equipment



- ◆ Personal protective equipment is clothing dedicated to only being worn in animal transport area
- ◆ Personal protective equipment should be discarded if it is a disposable type of PPE
- ◆ If you are using reusable PPE, it must be cleaned with hot soapy water, and then cleaned with disinfectant

# Holding and transport cages

- ◆ Extremely important that this is done *EVERY* time you return a holding or transport cage
- ◆ Remove all visible debris, this may require a **scraper** or **high-pressure hose**
- ◆ Clean with soapy water
- ◆ Make sure you get the wheels as well
- ◆ Apply disinfectant
- ◆ Wait appropriate amount of time for disinfectant
- ◆ Rinse





# Slaughtering equipment and utensils



- ◆ **Bleeding station:** scouring pad will help
- ◆ **Scalder and feather picker :** might need to manually remove feathers
  - ◆ Underneath equipment!
- ◆ If any of your utensils or equipment are covered in plastic bags, make sure you replace the bags with new ones (**replace on down days at minimum, and as needed for cleanliness!**)
- ◆ Might need to use needle nosed pliers

# Walls floors, Doors, and Ceilings

- ◆ Start with ceiling
- ◆ Next walls top to bottom
- ◆ Doors
- ◆ Finally, clean and disinfect the floor
- ◆ Make sure you are using a dustpan and cleaning collected organic material
- ◆ **Remember to clean the drains**



# Visitor Biosecurity – Essential visits only

- ◆ Visitor logbook is recommended
- ◆ Visitor must wear Personal protective equipment
- ◆ Visitor must sanitize shoes and hands
- ◆ It is **YOUR** responsibility to make sure the visitor follows your protocol
- ◆ Keep non-essential people away from bird area
  - ◆ Drivers (renderers and manure haulers, mailmen)
  - ◆ Customers
  - ◆ Family/friends



# Enhanced biosecurity – If placed under quarantine

- ◆ Required PPE – Long sleeves, gloves, hairnet, easy to clean shoes
- ◆ Line of Separation – Foot bath, hand sanitizing station, don and doff PPE
- ◆ Permits for all movements on and off facility – Manure, rendering, live birds, etc.
- ◆ No live bird sales, slaughter only
- ◆ Logs to track all visitors that enter bird area and deliveries
- ◆ Biosecurity training and inspections

# Thank you!

- ◆ Sick Bird Hotline: (866) 922-2473
- ◆ Email:  
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