

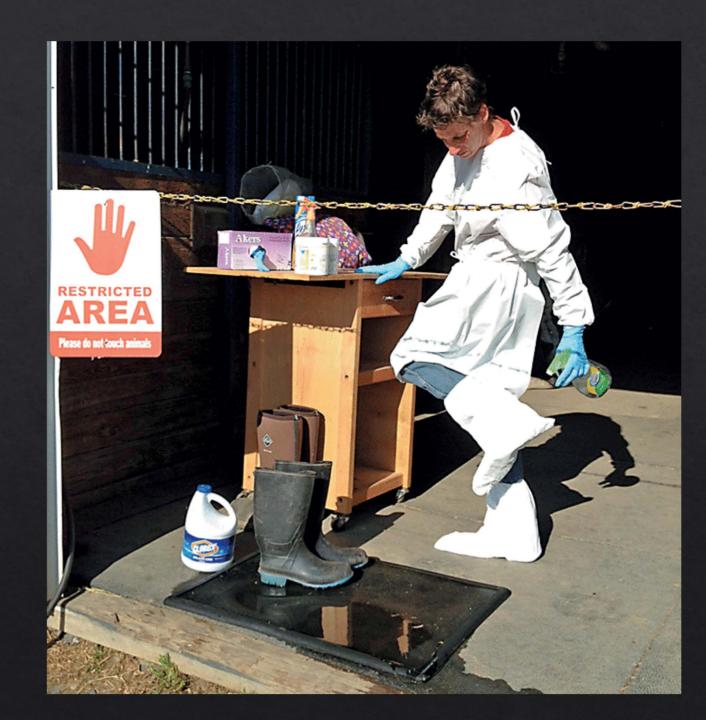


Clinical Signs of HPAI in Poultry

- ♦ 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 <u>remove</u>
 <u>visible organic material first</u>



Comparing costs

Household Bleach

Bio-Phene

\$8



VS



\$40



1 cup



1 gallon



1 cup



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

BIOSECURE AREA ÁREA DE BIOSEGURIDAD

NO VISITORS ALLOWED TO ENTER OR TOUCH BIRDS

NO SE PERMITE A LOS VISITANTES ENTRAR
O TOCAR LAS AVES



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

