

# AVIAN INFLUENZA

## Cleaning and disinfection guide



### What is Avian Influenza?

Avian influenza (AI) is a very contagious disease of birds which occurs worldwide. The virus appears naturally among wild birds and can then infect domestic poultry. Infection can be caused through direct contact with infected birds, as well as contact with surfaces which have been contaminated. Producers are not able to restock until at least 21 days after the clean-down has been approved, and movement restrictions will be put into place.

### What signs should I be looking for?

There are two types of AI:

#### HIGHLY PATHOGENIC:

This has high mortality rates in a short space of time; entire flocks can be quickly wiped out.

**SYMPTOMS:** Sharp fall in productivity, high mortality, appetite loss, respiratory issues including nasal and/or oral discharge, swollen head with a blue wattle or comb, diarrhoea, swelling and red discolouration of the shanks and feet.

#### LOW PATHOGENIC:

This usually has lower mortality rates; however, they may be higher if AI is accompanied by further infections.

**SYMPTOMS:** LP strains are more subtle and sometimes absent, and the disease may take longer to identify - mild breathing problems, decreased egg production and infertility, diarrhoea and loss of appetite.

### What products should I use?

#### Cleaning



#### SHIFT™

Heavy-duty power wash liquid

- Powerful, heavy duty, concentrated alkaline detergent for use with all types of high or low pressure machines or via foam.
- Rapidly penetrates and removes organic soiling.
- Suitable for cleaning floors, walls, ceilings equipment, buildings and vehicles.
- Can also be used for soak cleaning if required.
- Mixes readily with water.

#### Disinfection



#### GPC8™

Glutaraldehyde-based disinfectant

- Defra approved formulation.
- Rapid action against bacteria, yeast and viruses in the presence of organic matter.
- Passes EN 1656, EN 1657, EN 14949 and EN 14675.
- Suitable for poultry housing and associated equipment, as part of a biosecurity program.
- Non-staining.

#### Biosecurity



#### FAM 30

Multi-purpose iodophor disinfectant

- Defra approved formulation.
- Bactericidal, virucidal and yeasticidal.
- Active in the presence of organic matter.
- Passes EN 1656, EN 1657, EN 14349 and EN 14675.
- Cleans and disinfects in one operation.
- Colour coded; colour fades as iodine diminishes.
- Biodegradable and stable.

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**IMPORTANT:** Avian Influenza is transmitted in droplet form which can be propelled into the air in the overspray from the high pressure washer, therefore foam cleaning is recommended for use on contaminated surfaces.

## HOW TO USE

### FOAM CLEANING:

- 1 Using a foaming lance, spray **SHIFT** at 1:50 onto the walls of the poultry house. Start at the back of the house and work your way towards the front of the building in 30 meter sections, spraying the foam from bottom to top.
- 2 Allow a 20 minute contact time before rinsing.
- 3 Rinse **SHIFT** from walls using a pressure washer.

**IMPORTANT:** contaminated soiling/litter must not be propelled into the air. The overspray from the washer risks spreading the infection to other areas .

Starting at the back of the house and working your way towards the front of the building, the pressure washer spray must be kept back from the surface and allowed to wash/flood the soiling from the walls down to the floor, then the waste water/solution should be brushed or flushed out of the building.

- 4 Close the doors to the building and allow to dry.

### DISINFECTION:

- 1 **LIQUID APPLICATION** - Using a solution of **GPC8** at 1:50 through a pressure washer, spray all surfaces of the house starting at the back and working from top to bottom, spray the solution covering all surfaces working your way towards the front of the building.  
**or**  
**FOAM APPLICATION** - Using a solution of **GPC8** at 1:50 through a foaming lance, spray all surfaces of the house starting at the back and working from top to bottom, spray the foam solution covering all surfaces working your way towards the front of the building. Allow the foam to collapse.
- 2 Once all surfaces have been covered by spray or foam, close the doors to the building and allow to completely dry.
- 3 Make up a fresh solution of **GPC8** at 1:50 and spray or foam onto the hard standing or concrete around the outside of the building to disinfect the immediate area.
- 4 Once the inside of the building is dry, install fresh litter or bedding and close the doors.

### BIOSECURITY:

- 1 Make up a solution of **FAM 30** at 1:100 in a foot bath and place at the entrance to the building. This should be used every time entry to the building is necessary.

**IMPORTANT:** Do not enter into the building while cleaning is taking place without full boot disinfection. See label for instructions.