

# Well-prepared for the worst case scenario



How to protect your farm against  
**avian influenza (AI)!**





## TRANSMISSION PATHS

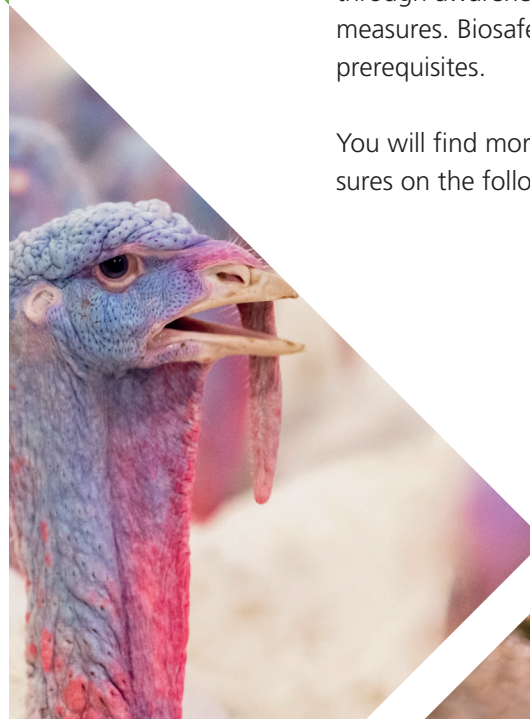
Avian influenza viruses are widespread globally among wild birds. Infected wild birds excrete the viruses with their faeces, and thus enter the environment. This results in many transmission possibilities: Livestock trade, contaminated vehicles, persons, equipment, packaging materials, direct contact of the birds among themselves or the like. Moreover, vectors such as rodents or insects can also transmit the virus.

For this reason, it is important to prevent contact between wild birds and livestock populations.

## PREVENTION

The risk of introduction in poultry flocks can be minimised through awareness about the topic and observing prevention measures. Biosafety measures represent the most important prerequisites.

You will find more information about hygiene measures on the following pages.



## AVIAN INFLUENZA (AI)

Avian influenza, is an infectious disease caused by viruses. All poultry species are susceptible to influenza viruses.

A distinction is made between two types. Firstly, a low pathogenicity and a high pathogenicity form, as well as different subtypes (H1-16 in combination with N1-9). Low pathogenicity influenza viruses can mutate into a high pathogenicity form within a short time, which is then called a classic avian flu. Diseased animals exhibit severe disease progression with clinical symptoms and a high mortality rate.

Avian influenza is highly contagious. Depending on the subtype, there is a risk of infection for humans and mammals.







## BIOSAFETY ON THE FARM

To reduce the risk of introducing the avian influenza on domestic farms, every farmer should strictly follow all biosafety measures. Observing the black-white principle is the top priority. The separation of contaminated „black“ and clean „white“ areas or external and internal areas of the farm should be considered by all means..

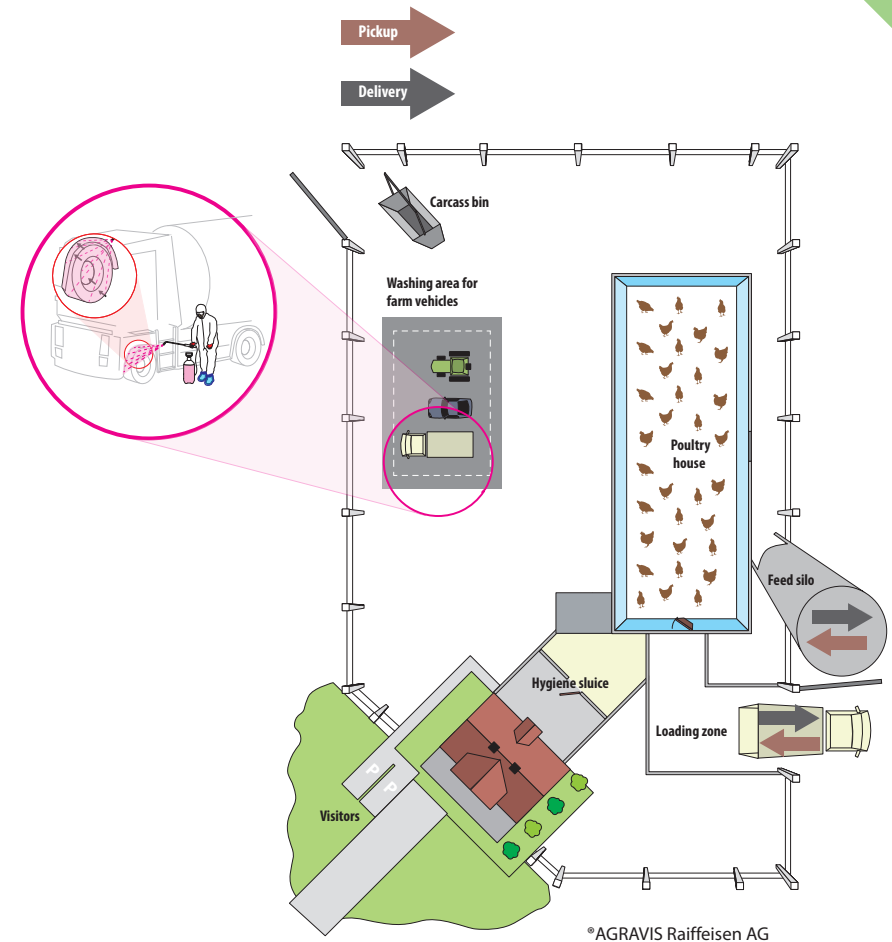
Well-proven measures include farm-owned clothing, foot tubs with disinfectants as well as rodent and fly control. Direct and indirect contact between livestock populations and wild birds should be avoided at all costs. In this regard, it must be ensured that feedstuffs are stored where they cannot be accessed by wild birds.



**Increase biosecurity with farm-owned blow-out hose.**



## FARM



**Product recommendations for:**

- Vehicle cleaning and disinfection
- Poultry house surfaces
- Foot tubs can be found on pages 10 and 11



## BIOSAFETY WHEN VISITING THE POULTRY HOUSE

- Drive as little as possible on the farm premises
- Put on disposable shoe covers before exiting the vehicle
- Only enter the poultry house after prior agreement with the farmer
- Only enter the poultry house through the hygiene sluice
- Maintain strict separation of the black-white areas
- Shower in and shower out, if possible
- Document visitors; entry in the poultry house visitor book
- Use farm-owned protective clothing (coveralls, boots, hat, gloves)
- If there is no farm-owned protective clothing, use disposable coveralls, disposable shoe covers/boots, disposable gloves
- **⚠ These remain on the farm after visiting the poultry house!**
- Wash (e.g. DESINTEC® Uniwash) and disinfect your hands before and after visiting the poultry house
- If possible, do not bring any materials/equipment into the poultry house, but if it is necessary, clean and disinfect the equipment (e.g. measuring instruments, camera) after visiting the farm
- Any utilised writing pads, clipboards and pens remain on the farm



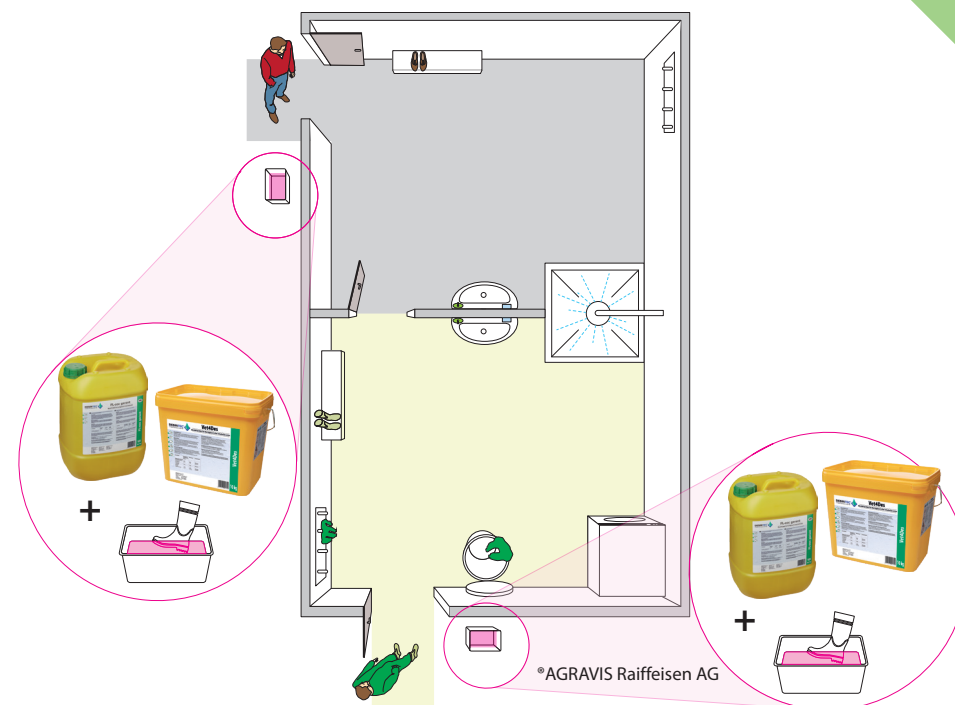
Remember to document external persons in the poultry house visitors book.



### IN CASE OF AN OUTBREAK

- **No poultry house visits in restricted areas and observation areas**
- **Strictly adhere to officially prescribed measures**

## HYGIENE LOCK (BLACK-WHITE AREA)



You can find product recommendations on pages 10 and 11.



## BIOSAFETY FOR THE TRANSPORT OF GOODS

### For drivers:

- Backpack sprayer (5 l) filled with disinfectant solution
- disinfectant (DESINTEC® FI-des GA forte or DESINTEC® Vet4Des)
- Disposable overshoes/boots
- Disposable overalls
- Disposable gloves
- Cotton gloves with nubs
- Hand disinfectant
- Safety glasses
- Bin bag
- Dust bag

### • Travelling on holding properties:

1. Drive as little as possible across the holding property
2. Put on two pairs of disposable overshoes in the lorry
3. Put on disposable gloves, cotton gloves with nubs and overalls
4. Disinfect the tires and wheel cases of the vehicle using DESINTEC® FI-des GA forte or DESINTEC® Vet4Des
5. Disinfect the blow-out hose
6. Use unused dust bag
7. Blow out feed, do not enter pigsties (silo ramps and animal ramps must be mounted outside the pigsties)

### IN THE CASE OF EPIDEMIC

- Procure and observe the legal and regulation texts by the BMEL (Federal Ministry for Food and Agriculture) adapted for the respective current disease (epidemic) case
- In the case of officially determined epidemics in holdings and/or regions, the measures stipulated by the authorities must be stringently adhered to.

### • On leaving the farm property:

1. Remove the blow-out hose, disinfect the blow-out hose, tires and wheel cases again and stow it away
2. The used dust bag remain on the farm
3. Take off the disposable overalls and dispose of them on-site
4. Take off the disposable gloves, cotton gloves with nubs and one pair of overshoes and dispose of them on-site.
5. Take off the second pair of overshoes in your vehicle and dispose of them in the bin bag (dispose of bin bag after last trip, at least once per day)
6. Then disinfect your hands
7. Documentation of the disinfection



The hygiene measures for the transportation of goods (for lorry drivers) can be procured as instruction cards by telephone on +49 251 . 682-1188



## OUR PRODUCT RECOMMENDATIONS FOR YOU

### CLEANING



#### DESINTEC® FL-R1 universal

Liquid, alkaline foam cleaning agent for cleaning holdings and vehicles (with gloss effect). The cleaning product is ideal for the removal of grease, oil and dust from sty and machine surfaces. It is in particular highly compatible with materials when used in the recommended usage concentration.

**Packaging: 11 kg, 22 kg and 231 kg**

Vehicle cleaning

### DISINFECTION



#### DESINTEC® FL-des GA forte

FL-des GA forte is a highly-effective, foaming surface disinfectant without formaldehyde for sties and barns, sty installations and feed and animal transportation vehicles. It is based on quaternary ammonium compounds and glutaraldehyde. FL-des GA forte is also ideal for use in foot and shower trays. The 1-2 % application solution has a wide spectrum of effect against bacteria, viruses and fungi.

**Packaging: 1 kg, 10.4 kg and 208 kg**

Vehicle disinfection  
Foot trays  
Sty disinfection



#### DESINTEC® Vet4Des

DESINTEC® Vet4Des is effective against a wide spectrum of pathogens (bacteria, viruses and fungi). The disinfectant consists of substances containing peroxide, surfactants, organic acids and an inorganic buffer system. DESINTEC® Vet4Des also takes effect at low temperatures. It can be used in many different ways for the disinfection of surfaces, water pipeline systems, devices, footwear and air.

**Packaging: 1 kg and 10 kg**

Vehicle disinfection  
Foot trays  
Sty disinfection

### ACCESSORIES



**DESTOR disinfection gates by Meier-Brakenberg** – mobile and stationary versions for the disinfection of vehicles



#### Foot tray

Plastic disinfectant trays for shoe and boot disinfection

**Capacity: 45 l**



#### Disinfection trolley

This device for the preparation of application solutions is highly flexible in use:

1. Spreading of disinfectant solutions
2. Spreading of larvicides



#### Foam disinfectant lance for water hose

The foam disinfectant lance for water hoses facilitates the fast and simple spreading of disinfectant.



#### Foam lance stainless steel for high-pressure cleaners

The foam lance for high-pressure cleaners facilitates the fast and simple spreading of cleaning agents and disinfectants (incl. screw adapter and spare screen).

### PROTECTIVE CLOTHING



Nitrile gloves



Knubbed gloves



Overshoes



Disposable overalls



Safety glasses



Our products are available by telephone on + 49 251 . 682-1188



**DESTOR Disinfection gates by MEIER-BRAKENBERG – mobile and stationary versions for the disinfection of vehicles**

## CONTACTS



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