

# Biosecurity Programme

**Omnicide**<sup>TM</sup>  
For Complete Bio-Security

## PREVENTION AND CONTROL

The intensification of livestock production provides an ideal environment in which disease-causing organisms can flourish and cause serious damage to productivity. Disease can come from any number of sources. We are seeing new challenges to our livestock all the time, With the emergence of diseases such as HPAI, ASFv, PEDv. Challenges to our food chain from bacteria's such as salmonella, e-coli along with the reduction in the use of routine anti-biotics for healthy food production and good biosecurity protocol is essential.

Good effective biosecurity is the only tool producers have in stopping the spread of disease. FARMERS need to manage and monitor the highest levels of biosecurity possible. This needs to be practiced by the management, all staff and suppliers.

Microorganisms are easily transmitted by transportation of animals and their vehicles. These include feed lorries, manure trucks and vehicles that are used on the site.

People can also be carriers of contamination via their clothing, boots and equipment, or any other inanimate object they may carry or bring onto the farm.



### BIOSECURITY

A review of current systems should be undertaken, and a programme should be implemented following consultation with the veterinarian, management and farm staff.

A programme should start with a study of HACCP at all places starting with the transport of livestock to and from the farm. Personnel movement should be the next area reviewed avoiding the risk of going from dirty to clean sectors. Control of wild boars and pigs, rodents and other large animals such as deer, foxes etc. should not be allowed to enter the site. Don't allow hunters of animals to visit the farm or staff.

You should never share anything between farms and neighbours.

## BIOSECURITY PROGRAMME AS AN AID FOR THE PREVENTION OF ASF AND OTHER DISEASES

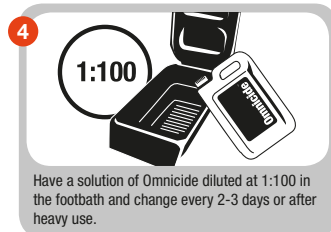
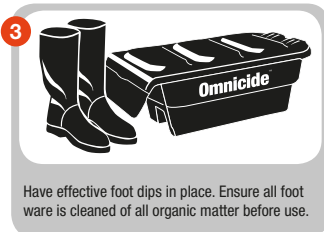
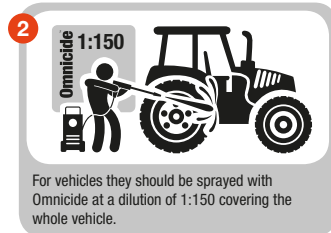
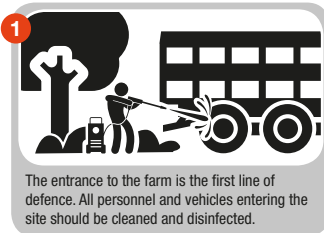
Microorganisms are easily spread and attention should be given to vectors such as vehicles, people, clothing and boots, equipment and any inanimate object that might be brought onto the farm.

A good biosecurity programme is the ONLY form of defence from infection and cleaning the farm if an outbreak has occurred. The programme must be owned by everyone from

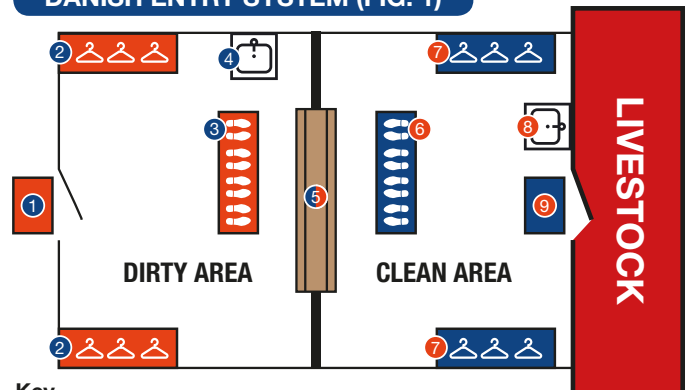
the management to the workers on the farm. It is essential that all employees understand the need for a good biosecurity programme and training given to everyone to understand the process.

The suggested programme overleaf is for a guide as every farm or business can be different. Consult your distributor or the manufacturer for specific needs.

### FARM



### DANISH ENTRY SYSTEM (FIG. 1)



Key

- DIRTY AREA**
- 1 Footbath
- 2 Outdoor Clothing
- 3 Outdoor Footwear
- 4 Hand Washing
- 5 Bench/Demarcation

- CLEAN AREA**
- 5 Bench/Demarcation
- 6 Clean Area Footwear
- 7 Clean Area Clothing
- 8 Hand Washing
- 9 Footbath

## BUILDINGS

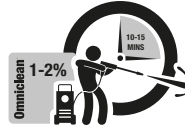
For general farm building cleaning and disinfection follow the recommended programme.

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- 1** Remove all organic matter from the building and away from the farm in covered vehicles. Sweep all dust and material from beams, air inlets fan shafts etc. Starting at the top of the building and working down to the floors. If needed scrape off by hand any stubborn organic matter not removed by brushing.



- 2** Pre-soak all surfaces and equipment with Omniclean through a foaming lance at a dilution of 1-2% depending on soiling. Leave on surface for 10-15 minutes.



- 3** Wash with clean water under pressure working from the roof to the floor and from one end of the building to the other.



- 4** Allow all surfaces to dry.



- 5** Apply Omnicide at low pressure to all surfaces at a dilution of 1:150. Allow a contact time of over 15 minutes.



- 6** Replace all equipment ensuring it has been cleaned and disinfected before entering the building.



- 7** Fumigate the building using either a wet mister or thermal fogging.



- 8** Place foot baths at entrances and exits to buildings. Add Omnicide at a dilution of 1:100 and change every 2-3 days.

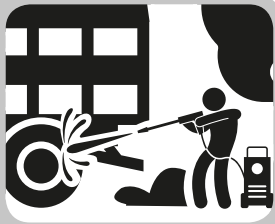


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OMNICIDE HAS BEEN  
INDEPENDENTLY TESTED  
AND APPROVED WORLDWIDE.

## TRANSPORTATION

- 1** All transport carrying livestock should be thoroughly cleaned and disinfected between use.



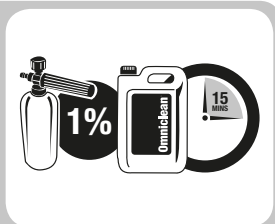
- 2** Sweep out the vehicle including side walls, dividers, floor and loading ramp.



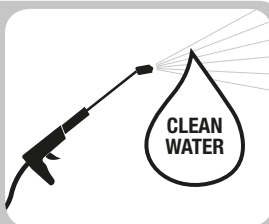
- 3** Remove any mud, straw etc. from wheels, floor and loading arches.



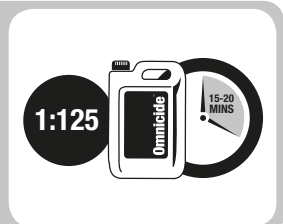
- 4** Soak the vehicle and all surfaces in a dilution of Omniclean at 1% through a foaming lance allow to stand for 15 mins.



- 5** Thoroughly wash all surfaces inside and out, with clean water under pressure. Allow to dry.

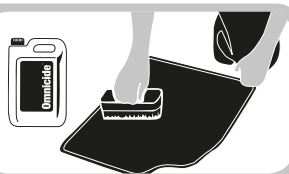


- 6** Spray all clean dry surfaces with a dilution of Omnicide at 1:125 at low pressure. Allow 15 - 20-minute contact time.



## VEHICLE CAB

- 1** Remove mats and carpets from vehicle and clean and disinfect.



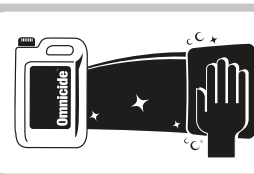
- 2** Clean and sweep out cab floor and control pedals.



- 3** Wash cab floor with Omniclean at a dilution of 1:160 using a scrubbing brush and allow to dry.



- 4** Wipe over all surfaces with Omnicide soaked into a cloth at a dilution of 1:160.



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A Coventry Group Company

Woodhams Road, Siskin Drive, Coventry CV3 4FX, United Kingdom

T: +44 (0)2476 639739 W: [www.mirus.com](http://www.mirus.com) E: [healthcare@mirus.com](mailto:healthcare@mirus.com)

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