

**Poultry  
Farming**



***Ultradiffusion***  
***State of the art technology***  
***you can trust***



## THE RESPONSIBLE CHOICE FOR FIGHTING SALMONELLA

### PRODUCT

- Proven broad spectrum disinfectant based on OrthoPhenylPhenol (OPP)
- Dispersion by ULTRADIFFUSION<sup>®</sup>: Unique technology which offers uniform diffusion
- Fully compliant with EU biocidal regulations
- Dry disinfection - no water needed

### ADVANTAGES

- Highly effective against Bacteria and Moulds. Proven efficacy against Avian influenza (H9N2), Newcastle disease, Infectious bursal disease, Classical Swine Fever and PRRS
- Uniform diffusion of the disinfectant throughout the room, including hard to reach areas
- Convenient, fast and reliable application
- Slow and non-pyrotechnic wick - no human or animal present during treatment
- Versatile and cost effective
- No observed corrosion

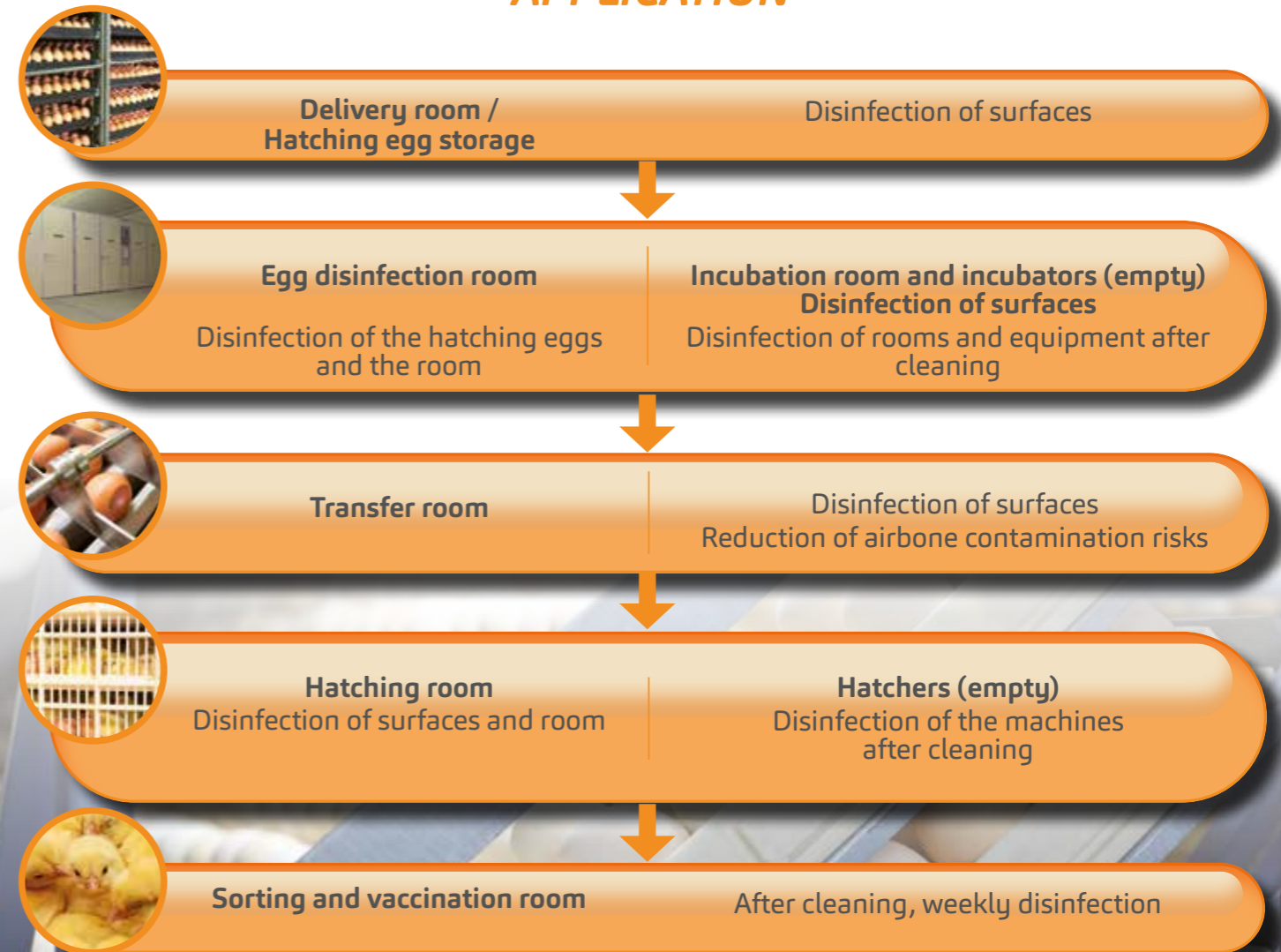
#### Pre-Dosed tins:

20g - 40g  
120g - 200g  
400g - 1000g

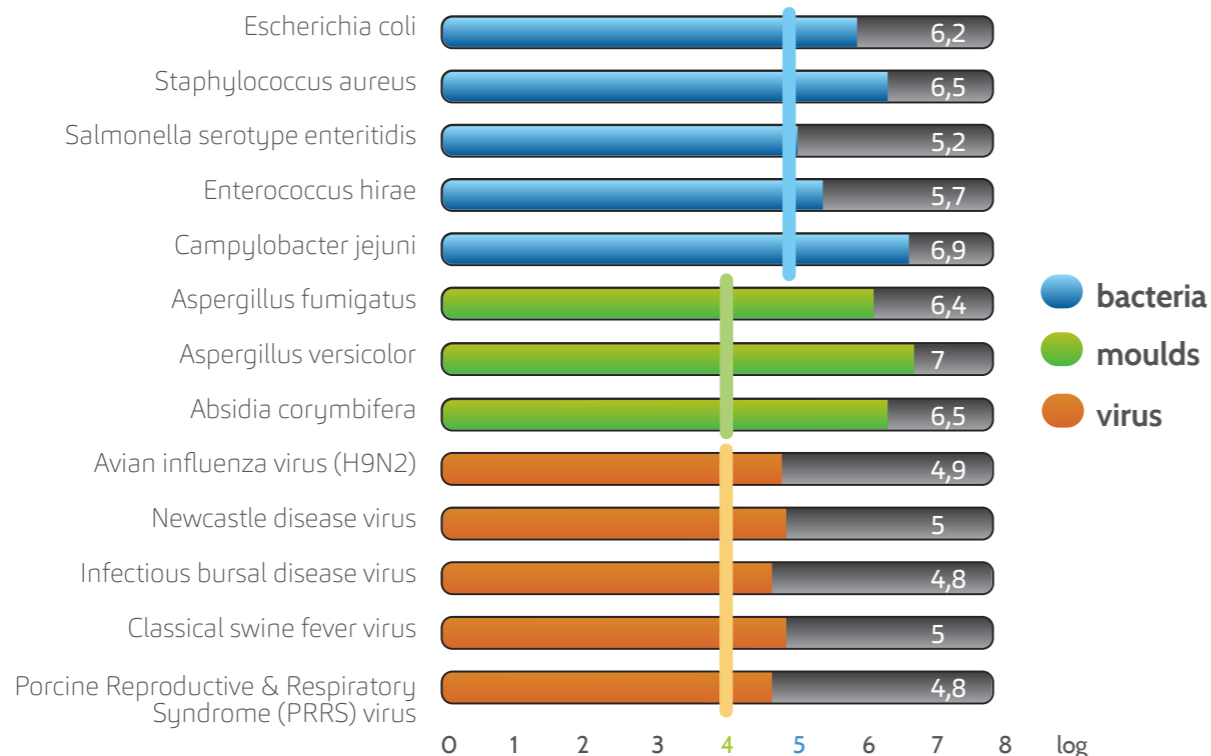


*Food safety begins  
in your **hatcheries***

### APPLICATION



### Fumagri<sup>®</sup> OPP efficacy



Required efficacy according to standard NFT 72281: 5 log for bacteria and 4 log for moulds. Virus: efficacy threshold: 4 log; Study of Institute of Animal Medicine, College of Veterinary Medicine, Gyeongsang National University, Chinju, Republic of Korea. Director: Hu-Jang Lee, DVM, PhD.

## Food safety continues in your Poultry Sheds



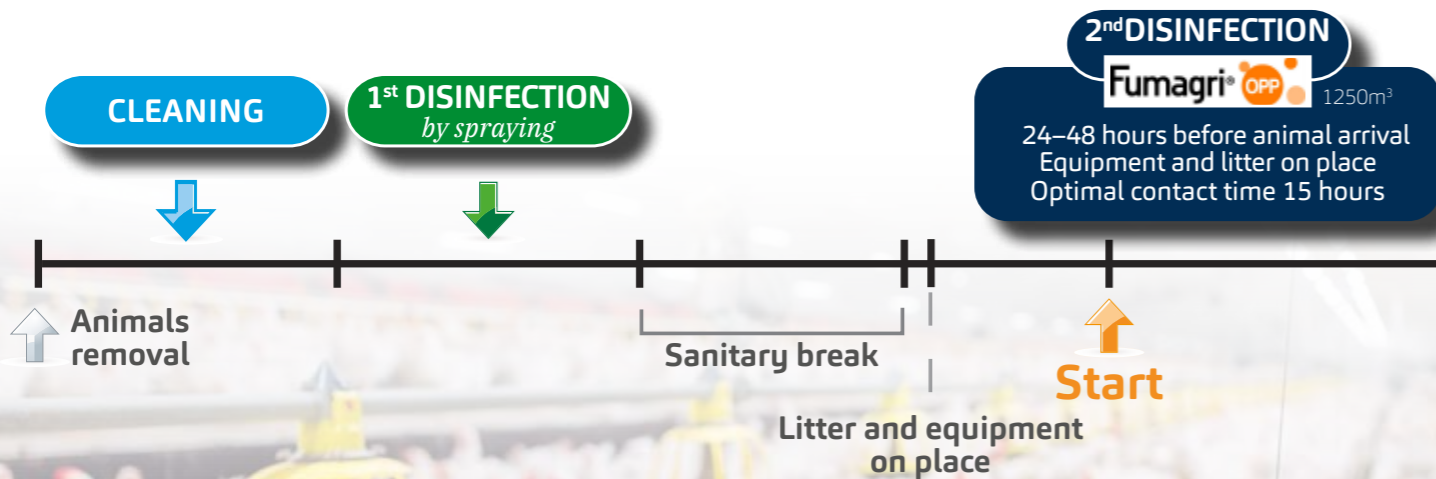
### APPLICATION - POULTRY SHEDS / Fumagri® OPP 1250 m<sup>3</sup>



Optimal application conditions to prevent and eradicate fungal, bacterial and specific viral\* contamination:

- Temperature = 20°C (heat sheds up to 15-20°C before treatment and stop at the time of launching disinfection)
- Contact time : 15 hours (1 night)
- Humidity 50-80%

\* Avian influenza (H9N2), Newcastle disease, Infectious bursal disease, Classical Swine Fever and PRRS



Type of shed	Number of Fumagri® OPP 1250m <sup>3</sup> tins
400m <sup>2</sup>	1
800m <sup>2</sup>	2
1000m <sup>2</sup>	3
1200m <sup>2</sup>	4 (3 for side access shed)
Laying premises	To suit shed volume

## Food safety continues in your Production and Storage Units



### APPLICATION - SILO DESINFECTION

Type of silo	8 - 12 tonnes
Recommended tin size	Fumagri® OPP 20g



- 2 days before feed loading, disinfect with Fumagri® OPP
- Leave for a contact time of 15 hours
- Repeat operation between each flock
- Before disinfection, check the cleanliness of the silo

### APPLICATION - DISINFECTION OF FEED MILLS

Purpose	When	Zone
Surface disinfection	After cleaning weekly or monthly depending on microbiological pressure	Mixer Press Cooler
Bacteria and moulds elimination	<ul style="list-style-type: none"> <li>• Empty cell after cleaning</li> <li>• Systematically when heat treatment of the feed</li> </ul>	Transporter & Storage cell
Risk prevention of enterobacteria and mycotoxin contamination	<ul style="list-style-type: none"> <li>• Empty cell</li> <li>• Systematically when heat treatment of the feed</li> </ul>	Trucks



Pre-Dosed tins:  
20g - 40g  
120g - 200g  
400g - 1000g



## ULTRADIFFUSION "State of the art technology you can trust"

ULTRADIFFUSION® is a non-pyrotechnic, slow combustion technology diffusing active substance in the air thanks to a thermokinetic effect.

ULTRADIFFUSION® enables uniform, very high density diffusion in the whole volume of the room to be treated, including hard-to-access zones, with precise dose adjustment.

ULTRADIFFUSION® offers a favourable alternative to other methods, without compromising efficacy.

### APPLICATION IN SURFACE DISINFECTION – MODE OF ACTION



The active substance rises up leaving the operator time to exit the room. It is propelled by slow, non-pyrotechnic combustion time.



The active substance gradually covers the whole volume of the room, starting with the ceiling.



In less than an hour, several billion components reach into the deepest nooks and crannies and come into contact with any micro-organisms that are present.



Between 4h and 8h the components have sedimented enabling the active substance to prolong its action in the place it was deposited.

### SIMPLE & EASY-TO-USE:

#### A 4 STEP PROCESS



FLIP OVER THE TIN SEVERAL TIMES



OPEN THE CANISTER AND PLACE IT ON A HEAT RESISTANCE SURFACE



SLOWLY LIGHT THE WICK PLACE THE PERFORATED COVER ON THE TIN WHEN APPLICABLE



THE ACTIVE SUBSTANCE RISES UP, LEAVING THE OPERATOR TIME TO EXIT THE ROOM. IT IS PROPELLED BY A SLOW, NON-PYROTECHNIC COMBUSTION

### Benefits:

- Efficient:** Homogeneous dispersion & optimal particle size allowing dispersion to hard to reach zones and traces of active allow to prolong disinfecting activity.
- Versatile & Cost Effective:** Ready to use, no water required & precise dose adaption according to the volume to be treated.
- Safe:** Slow and non-pyrotechnic wick, operator not required in room during process, no observed corrosion.

Use biocides safely. Always read the label and product information before use. Dangerous. Comply with precautions for use.