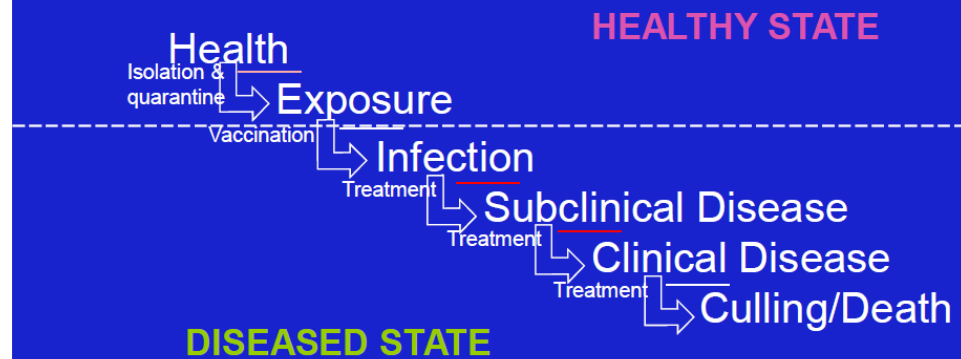


ARE DISINFECTION MILESTONE OF BIOSECURITY PROGRAMME

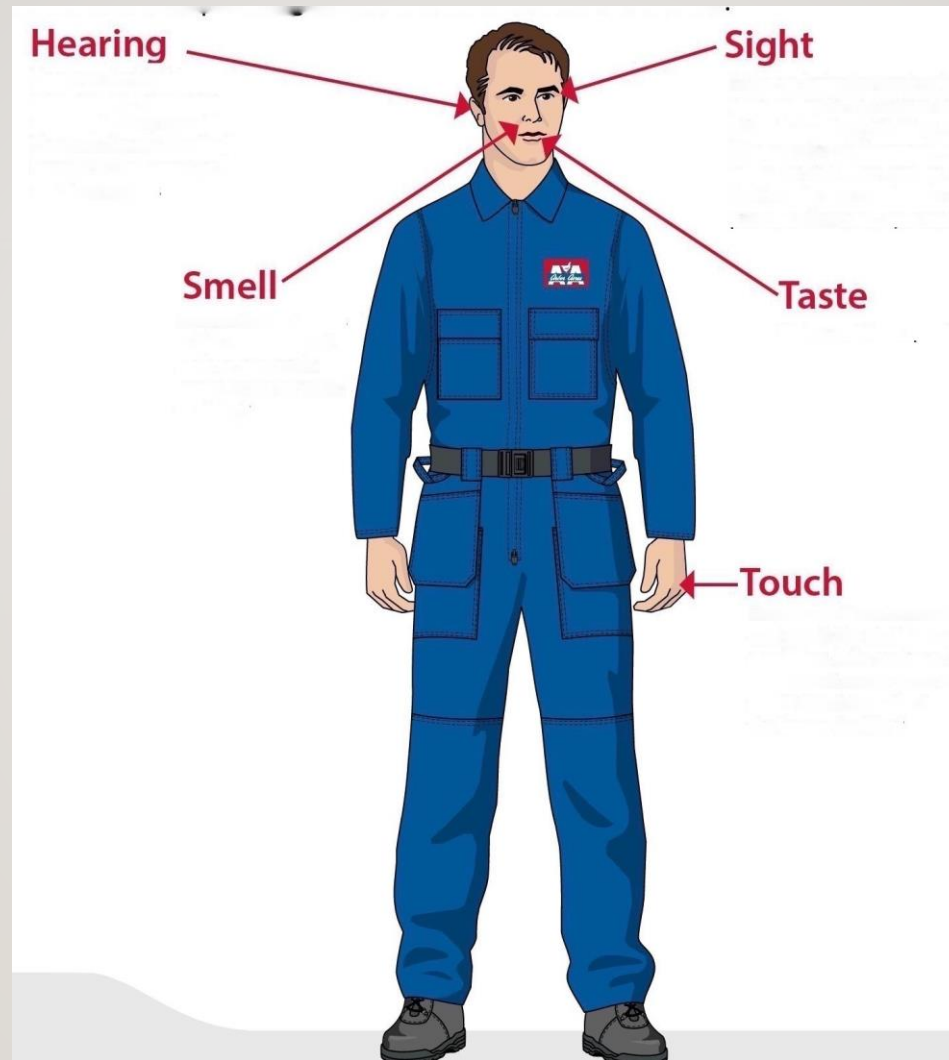


Health-Disease Continuum



Definition of Biosecurity

**Security from transmission of infectious disease,
parasites, and pests among livestock, poultry,
wildlife and zoo animals**











Sanitizing

Treatment of a clean surface with a chemical or physical agent (e.g., heat) to reduce microorganisms that cause disease and/or spoilage to levels considered safe

Log reduction

bacterial log 5

virus log 4

TB log 3

spore log 4

Fungi log 4

It should be noted that sanitizers do not destroy all pathogens.

the population of the surviving bacteria may double every 20 minutes.

.As a general rule, surfaces left for more than four hours must be sanitized again before production resumes.

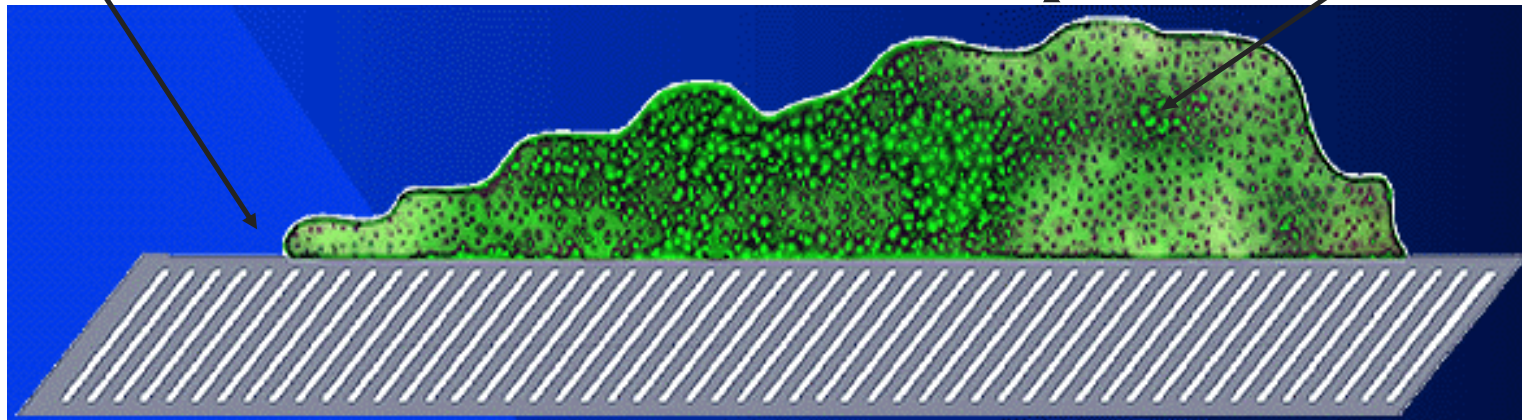


Efficacy Of Disinfection



BIO - FILMS

- **Bacterial Attachment**
- **Mass with Protective Film (Slime)**
- **Traps Nutrients and Bacteria**



- **Prevents Anti-Microbial Action**
- **Effective Cleaning Required**

Application method