

HEALTH AND SAFETY EQUIPMENT

Spread of disease costs the poultry industry millions of dollars a year. To minimize losses, disease-prevention methods must be practiced by proper use of Health and Safety Equipment (HSE)¹.

BACKGROUND ON HEALTH AND SAFETY EQUIPMENT

Objects such as contaminated boots, coveralls, and transport vehicles, can be risk factors for pathogen transmission². It is therefore not only important to “suit up” prior to going into your barn but to also pay attention to how coveralls and such items are removed, disinfected and or disposed of.



Coveralls

Paladiin, CC



Gloves, sanitizer, mask

Wuestenigel, CC



Boot covers



Hair net

Willia4, CC

What's in a Personal Protective Equipment kit?

PPE kits comprise of coveralls, rubber/plastic cover-over boots, gloves, hair caps, hand sanitizer and masks.

To prevent the spread of bacteria and viruses between barns and to protect workers and their communities, rigorous attention to biosecurity and occupational health measures, such as wearing PPE is important during everyday barn management activities⁴.

RECOMMENDATIONS FOR USING HSE

- 1. Ensure that your barn is equipped with HSE:** Types of coveralls available include: Washable coveralls that can be easily cleaned & disinfected and/or disposable coveralls.
- 2. Provide a designated area** such as an anteroom³ or clearly marked area where PPE is kept and can be put on and taken off (“Donned” or “Doffed”).
- 3. Ensure that PPE is placed over boots and outer clothing before** going to the area where the birds are kept to ensure there is not any contamination from outside sources. Discard or wash all PPE after leaving the birds and before leaving the property.
- 4. Pay attention when “donning and doffing”** coveralls – the aim is to minimize the risk of transfer of any organic materials from your coveralls to your street clothes
- 5. Have designated bins to dispose of “dirty” PPE.** If coveralls are washable, have specific washing machines and appropriate disinfectant.

References

1. Poultry Facility Biosecurity, John B. Carrey
2. Transmission of porcine reproductive and respiratory syndrome virus by fomites (boots and coveralls) Satoshi Otake, DVM; Scott A. Dee, DVM, PhD, Diplomate ACVM; Kurt D. Rossow, DVM, PhD; John Deen, DVM, PhD, Diplomate ABVP; Han Soo Joo, DVM, PhD; Thomas W. Molitor, PhD; Carlos Pijoan, DVM, PhD
3. Protective measures and human antibody response during an avian influenza H7N3 outbreak in poultry in British Columbia, Canada, Danuta M. Skowronski..
4. Ontario Veterinary Biosecurity Initiative Protocol OnFarm Veterinary Biosecurity, OVMA.