

HPAI PPE Training for the Farm

Tools, Videos, and Strategies That Work

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2025 Personal Protective Equipment for Influenza A (H5N1) in High-Risk Farm Settings

National Academies for Science, Engineering, and Medicine



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Ag Health and Safety Alliance™

MISSION

- Registered 501(c)3 nonprofit organization registered in US and Canada
- Our mission is to train the next generation of agriculture in a variety of health and safety concepts while advocating for rural and agricultural communities
- Gear Up for Ag Health and Safety™ Program trademarked in 5 countries



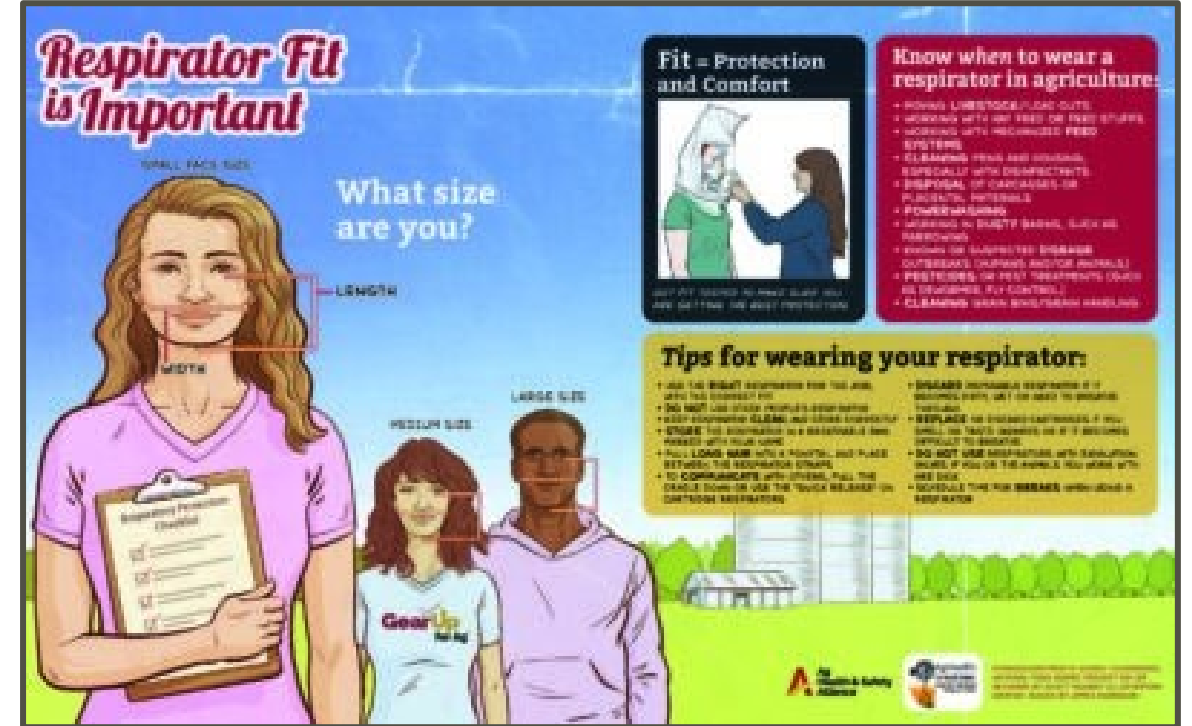
WHAT WE DO

- Gear Up for Ag Health and Safety™ educational and outreach programs
- Respiratory protection and respirator fit test training
- Agricultural safety and health speaking engagements
- Print and online resource and outreach material development
- Research educational strategies and evaluate health and safety behavior change

Agriculture focused PPE training strategies



Agriculture-focused PPE training strategies



HPAI - PPE Videos - Young adult demographic

Video 1: Donning PPE in Dairy and Poultry Operations



HPAI Exposure Prevention in Dairy & Poultry Facilities

Donning (Putting On) PPE

Disclaimer:

Always follow your farm or facility's biosecurity protocols.

Step 4: Respirator

✓ Perform user seal check every time

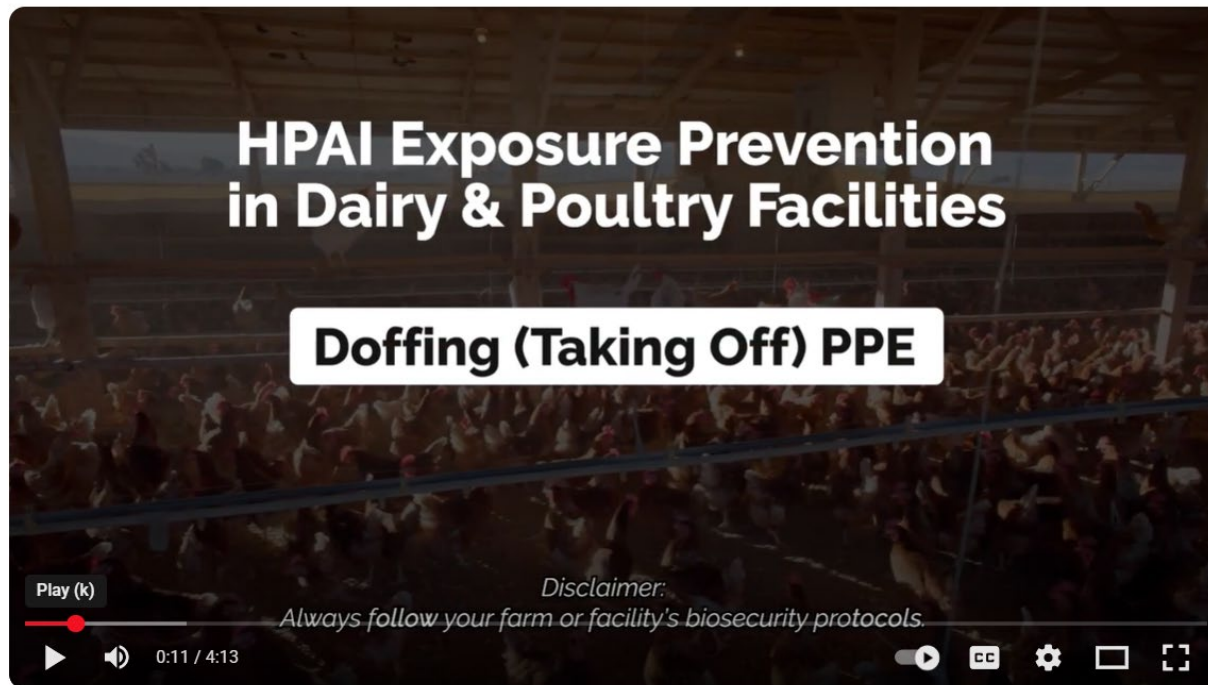


Video project funded by NIOSH Grant U54 OH010162 from the Central States Center for Agricultural Safety and Health.



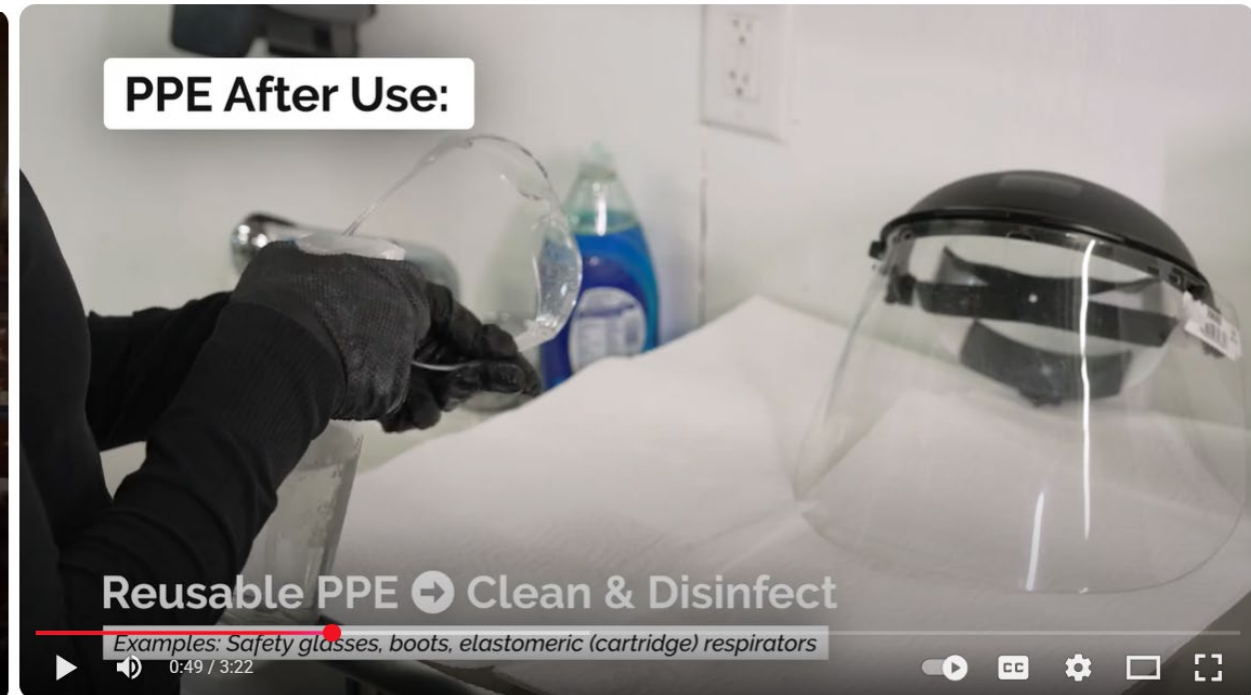
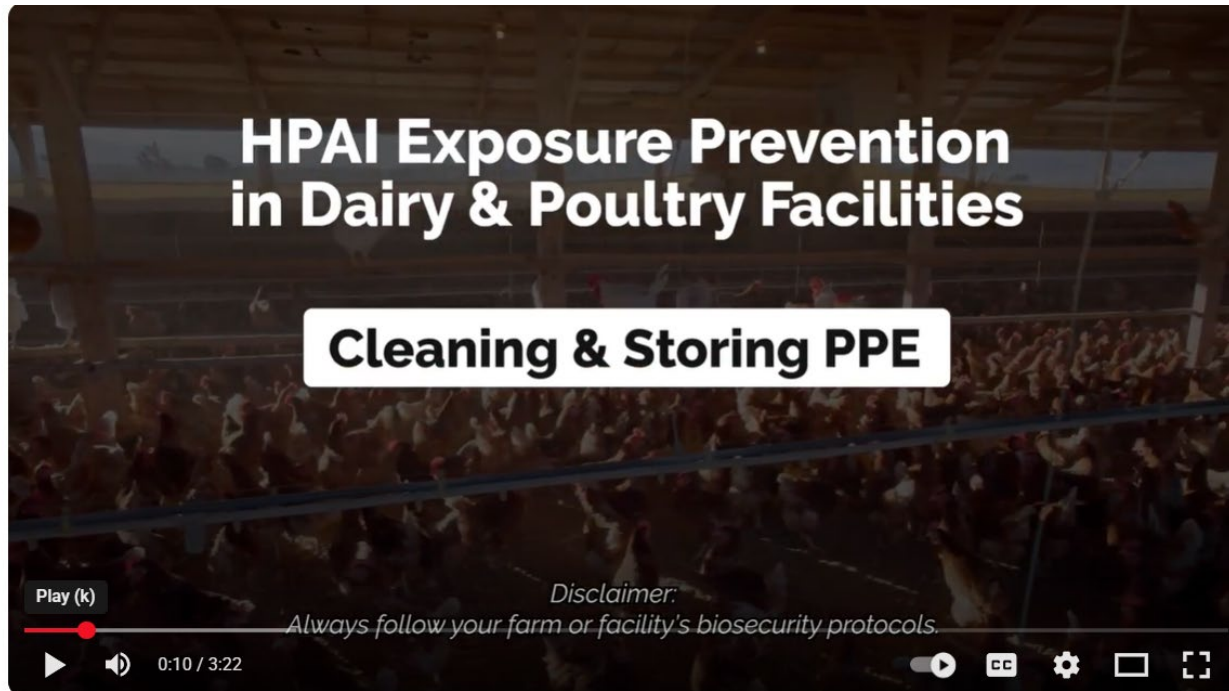
HPAI - PPE Videos - Young adult demographic

Video 2: Doffing PPE in Dairy and Poultry Operations



HPAI - PPE Videos - Young adult demographic

Video 3: Cleaning and Storing PPE



360 videos



View the Pesticide Safety **360/VR videos**
on your computer, tablet, phone, or
by using VR headsets or cardboard viewers

Donning PPE



Doffing PPE



Scan the QR code to view the videos.
Explore the 360° experience by moving your phone or using
your mouse or finger to look around the environment.

Videos are also available on our website.
aghealthandsafety.com/category/pesticides/



Summary: Tips for PPE training

- **Hands-on practice is essential:** Combined with one-on-one coaching ensures young adult users truly understand how to properly don, use, doff, and care for PPE.
- **Educational resources are relevant/relatable:** Educational materials should be designed to "look like the user and their farm." Professional photography or illustrations of authentic farm settings and diverse farm workers to increase relatability.
- **Modern video tools:** Videos can be a good training tool, especially those that incorporate interactive elements (like 360-degree) or are multi-modal (combining text, visuals, voiceover, and closed captioning).
- **PPE dissemination is critical:** A big barrier to PPE use is availability. For young and rural farm workers, ensure that correctly sized and specific makes/models of PPE are physically provided to them.

PPE availability, combined with education, leads to use.

Summary: PPE dissemination is critical

An annual report found that two weeks after our programs.

21% of young adults reported using the provided PPE, and 70% planned to use it 'soon'.

Only 13% were unsure or did not plan to use it.

Gear Up for Ag Program success is further shown by several participants purchasing additional PPE—most commonly safety glasses (45%), hearing protection (41%), and reusable respirators (37%)—demonstrating a willingness to buy.





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