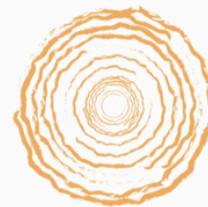


# CASE STUDY FARMERS

## H5N1 BIRD FLU



**BIOME**  
PLANETARY HEALTH SOLUTIONS

### OVERVIEW

H5N1 is a highly pathogenic bird flu that has infected wild birds and other species worldwide. According to CDC, in 2024, there were outbreaks of H5N1 in the United States in poultry, dairy cattle, cats, and people. While CDC defines the current public health risk as low, farm workers and those in contact with poultry and wild birds should take precautionary steps to mitigate the spread of the virus. Biome PHS provides guidance to at-risk populations to prevent infections of livestock and farm workers.

### MITIGATION

#### IMPROVED SANITATION

The sanitization of farm equipment and tools, use of personal protective equipment for workers in contact with poultry, and proper food safety measures can prevent spread of the virus.

#### INFECTION PREVENTION

Seasonal flu vaccination for workers and families, separating poultry and dairy cattle, and keeping wild birds out of livestock enclosures/feed help prevent infection.

#### RESPONSE PREPAREDNESS

Farmers should be able to recognize the signs of infection, know how to dispose of dead poultry, follow CDC guidelines and local outbreaks, and keep health officials updated on infections.

### DELIVERABLES

#### INDIVIDUAL EVALUATION

We will visit your farm and perform a thorough evaluation of your methods to best understand your goals and potential mitigation strategies.

#### THOROUGH RESEARCH

We have extensive research experience, and our network of Planetary Health professionals is wide. Through peer-reviewed literature and liaising with current researchers, we provide the most recent and tested information.

#### COMPREHENSIVE SOLUTIONS

Our ultimate deliverable to you will be a summary report of findings and suggested solutions that will help mitigate H5N1 infection and spread. We can suggest grant and other sources of funding to help you get these strategies off the ground quickly and correctly.

### CONCLUSION

Biome PHS partners with farmers to provide disease mitigation strategies that keep families, livestock, and communities safe. We do the research so you can focus on what's important to you.



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