For Immediate Release
U.S. Poultry & Egg Association
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USPOULTRY Seeks BRI Preproposals to Evaluate On-Farm Poultry Depopulation Using Nitrogen

The U.S. Poultry & Egg Association (USPOULTRY) and the USPOULTRY Foundation are seeking research preproposals to evaluate the use of nitrogen-based methods for emergency depopulation of commercial poultry flocks. Whole-house nitrogen gas and nitrogen-infused foam have emerged as potential options during outbreaks of highly pathogenic avian influenza, foreign animal diseases and other emergency situations. These methods may offer opportunities to reduce labor requirements and live bird handling, enhance safety for farm personnel and emergency responders and improve the efficiency of large-scale emergency response. Additional research is needed to validate their effectiveness and practicality under commercial production conditions.

Through its Board Research Initiative (BRI), USPOULTRY aims to evaluate the efficacy, bird welfare outcomes, operational feasibility and biosecurity implications of whole-house nitrogen gas and nitrogen-infused foam depopulation systems. Research may examine performance across poultry species, ages, flock densities and housing systems; bird welfare indicators; environmental and engineering factors; occupational safety; biosecurity considerations; equipment and labor requirements; and costs and logistics associated with commercial-scale implementation. The goal is to establish science-based best management practices and standardized protocols that can support effective emergency depopulation and disease response.

Researchers from colleges, universities and research institutions are invited to submit preproposals by Nov. 2. To view more information about this topic and how to submit preproposals, visit the USPOULTRY BRI webpage.

About USPOULTRY
U.S. Poultry & Egg Association (USPOULTRY) is the All Feather Association progressively serving its poultry and egg members through research, education, communications and technical services.Founded in 1947, USPOULTRY is based in Tucker, Georgia.

About USPOULTRY Foundation
The USPOULTRY Foundation's mission is to support the recruitment and training of the brightest students, seek and fund scientific research, foster student scientists and promote careers in the poultry and egg industry.