

**Welcome to USDA APHIS**  
**ANIMAL DISEASE OUTBREAK**  
**EMERGENCY MANAGEMENT TOOLS**

**QUICKPLACE SITE INDEX**

1. Countermeasures
  - a. Surveillance
    - i. APHIS Monitoring and Surveillance website
    - ii. Canada Surveillance website
    - iii. United Kingdom Surveillance website
    - iv. Australia Surveillance website
    - v. Federation of American Scientists Surveillance website
    - vi. United Nations Surveillance website
    - vii. OIE Health Standards Surveillance website
  - b. Vaccination - Center for Veterinary Biologics website
  - c. Movement Control - Under construction
2. Modeling
  - a. Disease Spread Modeling link to ppt
  - b. QUADS 2005 Modeling Workshop Report pdf
3. Depopulation
  - a. Foam - Use of Water-Based Foam for Depopulation of Poultry
  - b. AVMA - Guidelines on Euthanasia
  - c. OIE Standards - Guidelines on Killing of Animals for Disease Control Purposes
  - d. Animal Welfare - regulations
  - e. Foam Depopulation Research
    - i. University of Delaware
    - ii. Virginia DEQ
4. Disposal
  - a. Disposal Option Decisions Tree
    - i. Suitability for In-House Composting
    - ii. In-House Composting Training Module
    - iii. Suitability for Outdoor Composting
    - iv. Outdoor Composting Training Module (request CD)
    - v. Suitability for Burial - Web Soil Survey
    - vi. On-Site Treatment/Burial Training Module (coming soon)
    - vii. Secure Transport Training Module (request CD)
    - viii. Off-Site Treatment/Burial Training Module (request CD)
    - ix. Disposal Facilities Information (EPA Decision Support Tool)
  - b. Disposal Options Training
    - i. Using the Decision Support Tools (coming soon)
    - ii. In-House Composting Training Module
    - iii. Outdoor Composting Training Module (request CD)
    - iv. On-Site Treatment/Burial Training Module (coming soon)
    - v. Secure Transport Training Module (request CD)
    - vi. Off-Site Treatment/Burial Training Module (request CD)

- vii. AgERT
- c. Disposal Guidance
  - i. EPA Disaster Debris Disposal Guidance
- d. Disposal Research/Emerging Technologies
  - i. BGP Gasifier
  - ii. Georgia Tech Plasma Arc
  - iii. Auburn University/Falcon Protein
  - iv. Microwave Technology
  - v. Waste-to-Energy
  - vi. Johnson et al (2007), Prions in Soil
- e. Disposal Resources
  - i. EPA Decision Support Tool
  - ii. Carcass Disposal: A Comprehensive Review
  - iii. NRCS Web Soil Survey
  - iv. Incident Reports
- f. Disposal Links
  - i. Nigeria AI Response
  - ii. Iowa AgriNews FMD Disposal
- 5. Decontamination
  - a. Biological Agent Reference Guides (US)
  - b. Biosecurity in Establishments - OIE
  - c. Pathogen Safety Data Sheets (Canada)
  - d. UK Disinfectants
  - e. Cleaning and Disinfection Training module (coming soon)
  - f. USDA Biohazardous Waste Disposal Manual (coming soon)
  - g. Household disinfectants (U Del) (coming soon)
  - h. Pathogen Transport Modeling (CFIA) (coming soon)
  - i. Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th Edition
- 6. National Veterinary Stockpile (contact NVS Staff)
- 7. Health and Safety
  - a. Training
    - i. AgERT
    - ii. HazWOPER
    - iii. IATA
  - b. Guidance
    - i. APHIS 6800,1 - Protecting HPAI Responders
    - ii. OSHA EMERGENCY RESPONSE
    - iii. NIOSH Protecting Poultry Workers from Avian Influenza (Bird Flu)
  - c. Resources
    - i. APHIS Health and Safety Plan Template - an electronic tool which allows site safety officers to quickly access dozens of forms, Safety Fact Sheets, and predeveloped Job Hazard Analyses for many tasks likely to be encountered during an animal disease outbreak.
    - ii. WISER - an electronic database of chemical, biological, and radiological substances for use by responders to identify potential substances.
    - iii. OSHA Respiratory Protection e-Tool - electronic tool to help select the appropriate respirator and to establish a schedule for replacing filters.