

EMERGENCY SUPPORT FUNCTION # 11 - AGRICULTURE

Primary

ESF 11 Coordinator: Campbell County Extension Agent (or designee)

Local Support

- Chief Elected Official's Office
- County Animal Control
- County Road Department
- County Health Department
- Local Veterinary Personnel

Local Resources

- County Law Enforcement Agencies
- City Law Enforcement Agencies
- County Finance

State Resources

- American Red Cross – Kentucky Region
- Kentucky Department of Military Affairs (Kentucky National Guard)
- Kentucky Division of Emergency Management (KyEM)
- Kentucky Voluntary Organizations Active in Disaster (VOAD)
- **Kentucky State Agriculture Response Team (SART)**
- Kentucky Energy & Environment Cabinet – Department for Environmental Protection (DEP)
- Kentucky Department of Fish & Wildlife Resources
- **Kentucky Department of Agriculture (KDA)**

(Not all agencies are listed. This ESF will expand or contract as incident needs evolve.)

Purpose

Establish roles, responsibilities, and coordinated procedures for **ESF 11 – Agriculture & Animal Services** to:

- Control and eradicate **highly contagious or economically devastating animal/zoonotic diseases**.
- Address **highly infective exotic plant diseases** and **economically devastating plant pest infestations**.
- Support animal issues in **natural disasters** (care, sheltering, evacuation, medical support, and carcass management).

- Protect the **agricultural market** (crops, livestock, transport, and processing) and mitigate agro-terrorism impacts.
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Situation & Assumptions

Common Activities

- Major incidents can disrupt **production, export, feed supply, sheltering, and veterinary care** for pets, livestock, and wildlife—**outside assistance may be required**.
- The County has access to **veterinary resources, humane societies, wildlife experts, industry representatives**, and animal care providers for treatment and **carcass disposal**.
- Animal care is a **joint** government–NGO effort; **wildlife emergencies** are handled by **Fish & Wildlife**.
- Incidents may **cross county and state lines**, requiring **intra/interstate** coordination.
- Response may include **livestock/wildlife depopulation**, vector control, quarantine, and movement controls.
- Chemical incidents can pose risks to **human and animal health** and may require specialized protocols.

Disaster

- Disasters (drought, flood, ice/snow, wind) **injure, kill, and displace** animals (pets, livestock, wildlife).
- Crop **productivity, harvest, monitoring, and export** can be degraded.
- **Agro-terrorism** may target food supply, livestock, or poultry, or use them as WMD vectors.
- Large numbers of displaced animals may necessitate **euthanasia and carcass management** under approved methods.

Disease

- Agriculture is a **critical economic sector**; outbreaks can cause **extraordinary losses**.
 - Multiple crops (e.g., tobacco and other row/produce crops) remain vulnerable to **disease or contamination** (natural, accidental, or intentional).
 - Counties must be prepared to **detect, contain, and control** communicable diseases in **livestock, poultry, wildlife, exotics, and companion animals** and address plant pests/diseases.
 - Pathogens spread via **people, animals, materials, conveyances**; **rapid control** and prevention are essential.
 - **Animal Disease Emergencies (ADEs)** anywhere in the U.S. place Kentucky’s agriculture at risk; agro-terrorism is a continuing threat.
 - Effective eradication requires **extraordinary resources, multi-agency cooperation, sanitation, disinfection, and approved carcass disposal**.
 - **Vector control, facility/vehicle cleaning & disinfection, and quarantine/movement controls** will be required where suspect/confirmed cases occur.
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Mission

Ensure the **safety and security** of the County’s agricultural sector and provide coordinated **animal services** during disasters and disease events by planning, coordinating, and delivering surveillance, control/eradication measures, animal care and sheltering, carcass management, and agro-terrorism support—while protecting public health in concert with ESF 8.

Direction & Control

- The **Chief Elected Official** appoints the **ESF 11 Coordinator** (Extension Agent or designee).
- The ESF 11 Coordinator:
 - Monitors and reports on **crop/livestock production, transport, and processing**.
 - Coordinates assistance for **abandoned, diseased, disabled, or dead animals**; animal protection; animal health emergency management; and **agro-terrorism**.
 - Coordinates with **ESF 8** for **zoonoses/toxicosis** and terrorism incidents involving the animal/ag sector.
 - Implements **movement controls** (animals, equipment, products, personnel) to support **control/eradication**.
 - Activates responses to **high-consequence animal/plant diseases** and significant pest infestations.
 - Leads development and maintenance of **SOPs** for surveillance/response across **poultry, cattle, swine, dairy, small ruminants, equine, companion animals, exotics, wildlife, and crops/horticulture**.

Operations follow **ICS/NIMS**. ESF 11 integrates within the **County EOC**, coordinates with ESFs **6 (Mass Care)**, **7 (Logistics)**, **8 (Public Health/Medical)**, **13 (Law Enforcement)** and others as needed.

Concept of Operations

Animal Disease Emergency (ADE) Classes

- **Foreign Animal Disease (FAD):** OIE-listed contagious diseases not known to exist in the U.S. with high economic/animal health impact.
 - **Reportable Disease:** Diseases required to be reported under state law to **KDA**.
 - **Emerging Disease:** Novel or re-emergent disease manifesting within the Commonwealth.
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Phases of Management

Preparedness

Common

- Establish **mutual-aid/MOUs** with agencies, associations, and private partners.

- Build ESF 11 organizational structure and **personnel rosters**; identify training needs.
- Develop a **resource inventory** and alternate notification/recall procedures.
- Train/exercise **CART** (County Animal Response Team), if established; participate in multi-ESF exercises.
- Refine/exercise **protective measures** for crops, livestock, and poultry.
- Maintain **pet-friendly shelter** plans with ESF 6; identify barns, pastures, kennels, and staging/receiving sites.
- Pre-identify **approved carcass disposal** options (on-site burial/composting, rendering, incineration) with regulators.

Disease-specific

- Pre-plan **quarantine/confinement areas** and traffic control points.
- Draft **cleaning & disinfection (C&D)** protocols for facilities and conveyances.
- Establish enhanced **surveillance/reporting** with veterinarians, auction/stockyards, slaughter plants, and free-range operations.

Response

Common

- Activate **ESF 11** in the EOC; coordinate with **CART/SART/VOAD** partners.
- Provide emergency **veterinary care** for livestock, poultry, fish, equine, exhibition animals, and pets.
- Intensify **surveillance** at critical nodes (auctions, confinement/stockyards, slaughter plants, free-range operations).
- Evaluate and, if needed, **modify or cancel animal events/markets**.
- Track **resources, personnel, tasks, and hours** for cost recovery.

Disaster

- Coordinate **rescue, capture, relocation, and sheltering** of animals; manage feed/water and basic care.
- Operate/oversee **animal shelter and confinement sites**; maintain status reporting.
- Coordinate **evacuation of livestock** and support shelter operations (feed, water, bedding, biosecurity).

Disease

- Implement **quarantine, movement controls, and permits** in coordination with **KDA, KSP, local law**.
- Coordinate **euthanasia** (when required) and **carcass management** using approved methods with environmental oversight.
- Direct **C&D** for infected/suspect facilities and transport vehicles.
- Conduct **product and animal traceback/trace-forward** as requested.
- Maintain **public information** in coordination with the PIO/JIC; provide stakeholder guidance.

Recovery

Common

- Coordinate **damage/impact assessment**; restore equipment/supplies; demobilize resources.
- Document costs for **reimbursement**; complete **After-Action Review (AAR)** and improvements.

Disaster

- Manage crisis consequences; coordinate with **law enforcement** on criminal investigations if agro-terrorism suspected.
- Secure supplies/equipment/personnel to sustain **recovery operations**.

Disease

- Oversee **decontamination** and, where necessary, **destruction of animals/plants** and remediation of facilities.
- Support **restocking/replanting** plans when cleared; remove controls in phases per state guidance.

Organization & Assignment of Responsibilities

The ESF 11 Coordinator identifies and coordinates local, state, and federal support for **animal/zoonotic disease response, plant health, and disaster animal services**.

General Organizational Responsibilities

- Day-to-day chains of command remain, but incidents may require **24/7 operations** and a **central coordination point (EOC)**.
- ESF 11 must be prepared for **extended operations** through recovery and demobilization.

Specific Key Position Responsibilities

Primary – ESF 11 Coordinator

- Coordinate with **ESF 8** to ensure animal/veterinary issues are integrated with **public health** actions (zoonoses, toxicosis).
- Lead surveillance for **FADs, reportable/emerging diseases, toxics/poisons** threatening animal industries, economy, or public health.
- Coordinate surveillance for **plant pests/diseases** of unknown or concerning origin.
- Direct/coordinate **animal evacuation**, biosecurity, and measures to prevent injury and disease spread.
- Ensure **operational readiness** with partner agencies and NGOs; request/coordinate **supplies, equipment, personnel, and technical assistance (SART/VOAD/KDA/EEC-DEP)**.
- Monitor and report **environmental hazards** affecting animals/agriculture.

- Task and align **personnel/equipment** to support other ESFs consistent with capabilities.
- Support **public information** (fact sheets, advisories) via the PIO/JIC.
- Compile **operational reports**, metrics, and documentation; support **recovery and demobilization**; return to normal operations when appropriate.

Support – All Supporting Agencies

- Provide trained representatives to **ESF 11/EOC** and maintain agency **SOPs** for surveillance/response (livestock, poultry, dairy, swine, small ruminants, equine, companion/exotic animals; crops/horticulture).
- Conduct **product tracing** as requested.
- Provide personnel for **field investigations** and **animal healthcare** support.
- **SART** may deploy agriculture/animal response/recovery assets statewide upon request.

Specific Agency Duties (examples)

- **County Road Department:** Support carcass transport logistics; assist with site access, staging, traffic control devices; support debris removal under environmental guidance.
- **County Health Department (with ESF 8):** Coordinate zoonoses risk messaging; advise on public health measures at animal shelters/markets; support food/water safety.
- **County Extension Agency:** Provide technical guidance to producers; support outreach, surveillance, and on-farm biosecurity; maintain ESF 11 coordination.
- **Local Veterinary Personnel:** Clinical surveillance/reporting; field triage/care; advise on euthanasia, vaccination, diagnostics, and biosecurity.
- **Law Enforcement (County/City):** Enforce **quarantine/movement controls**; provide site security, traffic control, and assistance at checkpoints.
- **County Finance:** Establish incident **cost codes**, track expenditures/contracts/donations, and support reimbursement.

Administrative Support – References

- **KRS 39A–G**
- **National Response Framework (NRF)**
- **National Incident Management System (NIMS)**
- **County Emergency Operations Center – SOPs**
- **ESF 11 – SOPs**
- **SART – Standard Operating Guidelines**