



Harvey County, Kansas Emergency Operations Plan

ESF 11 - Agriculture and Natural Resources

Coordinating Agency:

Harvey County Emergency Management

Primary Agency:

Kansas Department of Agriculture
Kansas Department of Health and Environment

Support Agencies:

Burrton Police Department
Halstead Police Department
Harvey County Administration
Harvey County Communications
Harvey County Health Department
Harvey County Planning and Zoning/Environmental
Harvey County Road & Bridge
Harvey County Sheriff Office/Detention Center
Hesston Police Department
Kansas Bureau of Investigation
Kansas Department of Transportation
Kansas Department of Wildlife and Parks
Kansas Division of Emergency Management
Kansas Highway Patrol
Kansas State Research and Extension
Newton Police Department
North Newton Police Department
Sedgwick Police Department
State Animal Response Team (SART)
Walton Police Department

I. Purpose and Scope

1.1 Purpose

The purpose of the ESF-11 Agriculture and Natural Resources Annex is to establish how agriculture, animal welfare, and natural resource activities will be coordinated to meet the needs generated by disasters affecting Harvey County. For this document, agriculture and natural resources include: animal and plant health, nutrition assistance, food protection, and water quality and availability.

1.2 Scope

This Emergency Support Function (ESF) Annex provides the mechanism for coordinated local assistance to supplement other emergency support functions and state and federal agencies with overall response authority. This document identifies and organizes the resources available to Harvey County to address agriculture and natural resource emergencies. ESF 11 addresses five primary areas;

- Household Pets and Service Animals,
- Foreign Animal Disease,
- Pest and plant disease,
- Food safety coordination, security, and support and;
- Natural resources preservation and protection.

The ESF 11 Annex applies to all participating agencies with assigned emergency responsibilities as described in Section 3, Responsibilities. Due to limited local authorities in the areas of food contamination, plant pests, and animal disease, this plan references the Food and Agriculture Incident Annex that is attached to the Kansas Response Plan.

The ESF 11 resources support state and local authority's efforts to address:

- Command, Control, and Notification including the roles of County and City agencies with emergency responsibilities and their working relationships with the volunteer agencies providing emergency management services;
- A flexible organizational structure capable of meeting the varied requirements of many emergency scenarios with the potential to require activation of the Emergency Operations Center (EOC) and implementation of the Emergency Operations Plan (EOP);
- Control and eradication of an outbreak of a highly contagious or economically devastating animal/zoonotic disease;
- Assurance of food safety and food defense, including prevention, detection and response of food borne illnesses;
- Provision of nutrition assistance programs;
- Highly pathogenic exotic plant disease, or economically devastating plant pest infestation;
- Safety of livestock, and crops against natural or criminal introduction of contaminants; and
- Protection of natural resources, including wildlife and public land/park management.

II. Concept of Operations

This section provides a narrative description summarizing the Concept of Operations for the following ESF 11 activities: 1) Command, Control, and Notification, 2) Food and Water Supply, 3) Pet Sheltering Operations 4) Incident Specific Operations.

The narrative portions of this section provide summarized overviews for the topics listed above.

ESF 11 is organized consistent with the Harvey County EOC and the requirements of the National Incident Management System, and the Incident Command System.

2.1 Command, Control, and Notification

The ESF 11 Coordinator is the Harvey County Emergency Management Department. The ESF 11 Coordinator is responsible for contacting the primary and support agencies as well as providing briefings and direction for initiation of emergency management activities in support of emergency operations.

When a determination is made to activate the EOC, the ESF 11 Coordinator is also responsible for contacting the primary and support agencies with liaison roles including adjacent counties and the State and briefing them on the situation. The ESF 11 Coordinator will provide departments with the designated methods/timeframes for submitting data/information and updates to the EOC regarding processes and protocols.

Depending on the complexity or severity of the event, the Emergency Management Director, or designee, may advise the County Administrator that the need exists to declare a local emergency.

2.2 Food and Water Supply

The Kansas Department of Agriculture (KDA) is responsible for conducting inspections and regulating the production and sale of food products in Kansas. When there is a food contamination, Harvey County will usually be notified of a problem with a food product through a national release or by the Kansas Department of Health & Environment (KDHE) on the problem or if it relates to a disease investigation.

The safety and security method of the commercial food supply includes the execution of routine food safety inspections and other services to ensure the safety of food products that enter commerce. This includes the inspection and verification of food safety aspects of slaughter and processing plants, products in distribution and retail sites; laboratory analysis of food samples; control of products suspected to be adulterated; plant closures; food borne disease surveillance; and field investigations. These efforts are coordinated at the federal level by U.S. Department of Agriculture (USDA)'s Food Safety and Inspection Service (FSIS) and the U.S. Department of Health and Human Services Food and Drug Administration (FDA).

- All transportation accidents involving food must be reported to the Kansas Department of Agriculture Food Safety Division before the food can be transported (Daytime: 1-785-296-5600, Nights and weekends: 1-800-915-6163)
- The Kansas Department of Health and Environment is responsible for inspections of treated water supply. To provide safety and security of the water supply, the Kansas

Department of Health and Environment will follow established agency standard operating guidelines for water inspections.

2.3 Incident Specific Operations

2.3.1 Foreign Animal Disease/Livestock Emergency

Animal health emergencies are within the statutory authority and mandate of the Kansas Department of Agriculture (KDA). Harvey County will support the state and federal response.

As the lead agency, KDA under the direction of the Animal Health Commissioner in partnership with the USDA will direct all animal disease investigation, surveillance, movement control, diagnostic, biosecurity, animal depopulation, vaccination, carcass disposal, cleaning/disinfection and recovery activities. Response and recovery activities will be consistent with the established emergency response and recovery protocols of units of local government and with the State of Kansas. This is contrary to the typical hierarchy of authority and responsibility for disaster and emergency response.

KDA is also responsible for developing disease control plans, procedures and strategies, controlling the disposition of abandoned, disabled, or dead animals, and managing the consequences from an act of agro-terrorism. If required, KDA will facilitate the relocation of animals from risk areas and provide other technical assistance as required.

For more information about Foreign Animal Disease Response, see KDA-DAHT-011.

2.3.2 Zoonotic Disease

The Harvey County Health Department is the lead agency in the human health response for zoonotic diseases and all infectious diseases. They will work closely with the Kansas Department of Health and Environment and the Kansas Department of Agriculture.

2.3.3 Plant Pest and Disease

A plant pest or disease emergency may pose a threat to agriculture, horticulture, the economy or public health. Surveillance and potential threat information will be provided to Harvey County through Kansas State Research & Extension or other state agencies.

In the event ESF 11 is activated for a plant pest or disease emergency, ESF 11 would coordinate with and support state and federal agencies in response efforts.

2.3.4 Food and Water Supply Contamination

The Kansas Department of Agriculture is the lead agency in water and food contamination incidents. They will provide personnel, resources and technical assistance to manage an event involving threats to local food and water supplies. This includes protective actions, community outreach and public education regarding the potential health risks associated with contaminated food and/or water.

2.3.5 Radiological Accident with Contamination

The KDHE Radiation Control Program is the lead state agency for operational radiological incidents and will respond to the site of an incident as needed. This effort would be coordinated with ESF 10 and Harvey County Emergency Management.

III. Actions and Responsibilities

3.1 Actions

Actions carried out by ESF 11 are grouped into phases of emergency management: Preparedness, Response, Recovery and Mitigation. Each phase requires specific skills and knowledge to accomplish the tasks and requires significant cooperation and collaboration between all ESF 11 agencies and the intended recipients of service.

Overall Actions Assigned to All Members	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Train personnel on EOC operation, the Incident Command System (ICS) and the National Incident Management System (NIMS).
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify sources to augment emergency food and water supplies.

Overall Actions Assigned to All Members	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Designate personnel to coordinate ESF-11 activities in EOC.
2	Provide and/or receive appropriate mutual aid with surrounding jurisdictions.
3	Secure supplies, equipment, personnel and technical assistance from support agencies, organizations and other resources to carry out the response plans associated with animal health or any act of agro terrorism.

Overall Actions Assigned to All Members	
<i>Recovery (Post Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Return borrowed resources and those obtained through agreement, lease, or rental when those resources are no longer required.
3	Evaluate response and recommend changes to ESF-11 annex to correct shortfalls and improve future response activities.
4	Provide documentation for possible financial reimbursement process for recovery activities.
5	Participate in after action meetings and prepare after action reports as requested.
6	Restore equipment and restock supplies to normal state of readiness.

Overall Actions Assigned to All Members	
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Participate in the hazard identification process and identify and correct vulnerabilities.
2	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.



3.2 Responsibilities

The following list identifies the responsibilities designated to each agency/organization for this ESF. The Coordinating and Primary Agency and their responsibilities are listed first. The Supporting Agencies follow in alphabetical order.

Coordinating: Harvey County Emergency Management	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-11 tasks.
2	Identify who is responsible for initial notification of ESF-11 personnel.
3	Identify responsibilities for liaison roles with state and adjacent county transportation officials.
4	Develop and maintain ESF-11 Annex.
5	Develop preparedness programs that address household pet preparedness and response during disasters.
6	Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
7	Develop and review procedures for augmentation of ESF 11 primary and support personnel.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Manage the collection, processing, and dissemination of information between ESF - 11 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF11.
4	Provide assistance to established pet shelters.
5	Support ESF 6 in the capture and transfer of animals to shelters.
6	Coordinate the removal and disposal of dead animals.
7	Coordinate with ESF 15 and PIO to release public information regarding animal health issues.
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide ESF-11 representative for update of mitigation plan.

Primary: Kansas Department of Agriculture	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-11 tasks.
2	Develop standard operating guides and checklists to support ESF-11 activities.
3	Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Manage the collection, processing, and dissemination of information between ESF - 11 and EOC or incident command.
2	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF11.
3	Conduct inspections of food and water to determine safety for people and animals.
4	Coordinate the removal and disposal of dead animals.



5	Manage and direct evacuation of animals from risk areas and provide technical assistance to prevent animal injury and the spread of disease.
Mitigation Actions for ESF 11 - Agriculture and Natural Resources	
1	Provide surveillance for a foreign animal disease or an animal borne poison or toxin that may pose a threat to the animal industries, the economy or public health.
2	Provide for surveillance of plant pests of unknown or questionable origin that may pose a potential threat to agriculture, horticulture, the economy or public health.
3	Promote awareness of animal protection through public education brochures and information.

Primary: Kansas Department of Health and Environment	
Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-11 tasks.
2	Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Manage the collection, processing, and dissemination of information between ESF - 11 and EOC or incident command.
2	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF11.
3	Coordinate the removal and disposal of dead animals.
Mitigation Actions for ESF 11 - Agriculture and Natural Resources	
1	Provide surveillance for a foreign animal disease or an animal borne poison or toxin that may pose a threat to the animal industries, the economy or public health.

Supporting: Burrton Police Department	
Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.

Supporting: Halstead Police Department	
Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.

Supporting: Harvey County Administration	
Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Coordinate with ESF 15 and PIO to release public information regarding animal health issues.

Supporting: Harvey County Communications	
Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources	
1	Provide field support for emergency responders at the scene.



Supporting: Harvey County Health Department	
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide surveillance for a foreign animal disease or an animal borne poison or toxin that may pose a threat to the animal industries, the economy or public health.
2	Provide for surveillance of plant pests of unknown or questionable origin that may pose a potential threat to agriculture, horticulture, the economy or public health.

Supporting: Harvey County Planning and Zoning/Environmental	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Conduct inspections of food and water to determine safety for people and animals.

Supporting: Harvey County Road & Bridge	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Identify responsibilities for liaison roles with state and adjacent county transportation officials.

Supporting: Harvey County Sheriff Office/Detention Center	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Identify responsibilities for liaison roles with state and adjacent county transportation officials.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.

Supporting: Hesston Police Department	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.

Supporting: Kansas Department of Transportation	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Identify responsibilities for liaison roles with state and adjacent county transportation officials.

Supporting: Kansas Division of Emergency Management	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Develop standard operating guides and checklists to support ESF-11 activities.
2	Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Manage the collection, processing, and dissemination of information between ESF - 11 and EOC or incident command.
2	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF11.

Supporting: Kansas Highway Patrol	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Identify responsibilities for liaison roles with state and adjacent county transportation officials.
Supporting: Kansas State Research and Extension	
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide for surveillance of plant pests of unknown or questionable origin that may pose a potential threat to agriculture, horticulture, the economy or public health.
Supporting: Newton Police Department	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.
Supporting: North Newton Police Department	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.
Supporting: Sedgwick Police Department	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.
Supporting: State Animal Response Team (SART)	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Develop preparedness programs that address household pet preparedness and response during disasters.
2	Identify pet boarding facilities and private organizations that may provide emergency shelters for animals.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide assistance to established pet shelters.
2	Support ESF 6 in the capture and transfer of animals to shelters.
Supporting: Walton Police Department	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
2	Enforce local animal control ordinances.

IV. References

Groundwater Management Districts in Kansas

