



**ESF #11 – AGRICULTURE
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ESF #11 – AGRICULTURE

Primary Agency:	Farm Services Agency (FSA)
Support Agencies:	Miami County Emergency Management Agency Ohio State University Extension Office (Miami County) Miami County Soil and Water Conservation District Miami County Department of Development Ohio Department of Natural Resources (ODNR) – Division of Wildlife Miami County Public Health Veterinarians (Local and State) Ohio Livestock and Poultry Disease Emergency Response Team (LAPDERT)
Related Federal ESFs	ESF #11 – Agriculture and Natural Resources Annex
Ohio Revised Code:	Section 3941.02 Ohio Department of Agriculture Section 3701.14 Ohio Department of Health Section 3767.16 Miami County Public Health Sections 1531.04 and 1531.08 Ohio Division of Wildlife

I. INTRODUCTION

A. PURPOSE

This Emergency Support Function (ESF) describes the policies and procedures for mobilizing and managing agricultural services during emergency situations. This ESF includes provisions for mitigating the effects of destruction of livestock and other agricultural endeavors taking place in Miami County. In 2012, the market value of products sold in Miami County averaged \$102,998 per farm with 1,068 farms which equates to over \$110 million of products sold in the marketplace.

II. PLANNING ASSUMPTIONS AND CONSIDERATIONS

A. SITUATION

1. Miami County is vulnerable to a number of hazards, including floods, winter storms, tornadoes, epidemics, and hazardous materials incidents. These hazards could result in major damage to the agricultural livelihood and businesses associated with this type of industry in Miami County.
2. There are 1,068 farms in Miami County as of 2012 with an average farm size of 173 acres.
3. The top crop items in Miami County are soybeans and corn for grain. The top livestock items are hogs, pigs, and cattle.
4. Emergency situations could result in the loss of crops or livestock which could create potential health hazards. In the case of livestock disposal, there would be a coordinated effort with the Ohio Department of Agriculture (ODA) and local agencies.
5. The structures that provide shelter for livestock may be damaged or destroyed in major emergency situations.

6. The animal or livestock facilities that remain in operation and have the necessary utilities and staff could be used as a location for housing in the short-term during recovery.
- B. ASSUMPTIONS
1. Miami County citizens own a variety of animals, livestock, and pets.
 2. Food and plant production are major industries in Miami County.
 3. Emergency situations have the potential to affect agriculture by the economy and welfare of animals, which must be considered in all planning and response activities.
 4. Specially trained assistance would be needed to assist with the capture, containment, and treatment of animals whenever necessary.
 5. Successful management of animal care during an emergency improves citizen cooperation with evacuation directives and lessens the chance of disease transmission to humans.
 6. There are a number of wildlife animals found in Miami County.
 7. In certain events, crops may be severely damaged or entirely lost.
 8. Pet owners can provide for the basic needs of their pets during most emergencies.
 9. If residential structures are damaged in a disaster or people are advised to evacuate, assistance may be needed to secure and care for pets. Most dairy and other livestock operations have back-up generator power to maintain the health of their animals.

III. CONCEPT OF OPERATIONS

- A. Emergency Incidents
1. Situations could be divided and managed in three categories:
 - a. Crops and livestock
 - b. Domestic animals
 - c. Wildlife
 2. Organizations that have responsibility for crops, livestock, domestic animals and wildlife have developed policies, procedures, and directives that delineate their authority for managing specific types of incidents.
 3. This ESF will define the areas of responsibility to assist in coordination of the response efforts.
 4. Upon notification, these agencies will discuss the issue and determine the appropriate course of action. Additional notifications will be made as necessary.
 5. Below is a brief summary of organizational roles and the agencies or departments and their priorities.
 - a. Local veterinarians are the first line of response to emergencies involving livestock and pets.
 - b. ODNR– Division of Wildlife manages native wildlife within Miami County.
 - c. FSA reports disaster occurrences and implements federal emergency programs under the United States Department of Agriculture (USDA) authority for crops, livestock and agricultural structures.
 - d. OSU Extension provides educational assistance and information to the public and other agencies.
 - e. The Miami County Animal Shelter is an agency to help with sheltering of pets.
 - f. Miami County EMA provides planning, coordination, and resource support for emergency response and recovery activities.
 - g. USDA Veterinary Services and/or the Ohio Department of Agriculture will be tasked with making decisions on the euthanasia and disposal of livestock during

an animal health disease outbreak. Other organizations involved would be the Ohio EPA and ODNR to make the appropriate decisions for disposal.

- h. The Miami County Humane Society coordinates response and recovery of animals not under the authority of the Animal Shelter.

A. Animal Care

- 1. Miami County Animal Shelter will coordinate animal services including the rescue, recovery and housing of displaced pets. For companion animal disposal, the Animal Shelter will work with Public Health and the Ohio EPA.

B. Wildlife

- 1. ODNR will provide rehabilitator contact information and selective transport to rehabilitation depending on species involved.

IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

A. ORGANIZATION

- 1. Response agencies are responsible for developing their own Operating Guidelines (OGs) that integrate in county policies and procedures and provide an adequate response.
- 2. The local lead agency for ESF #11 is the Farm Services Agency in Miami County. Note: For an animal health emergency, the ODA would be the lead and ask for assistance on a national level from USDA-Veterinary Services if needed. The lead agency acts as the spokesperson for the ESF on animal and agriculture issues and maintains an overview of countywide operations during emergencies. The lead agency may defer to support organizations for briefings and information releases related to support agency's specific programs or areas of concern.

B. ROLES AND RESPONSIBILITIES

Primary Agency

- 1. Farm Services Agency (FSA)
 - a. Assess crops, livestock, and agricultural structures for damages from natural and technological disasters.
 - b. Issue 24 Hour Flash Report to the Ohio FSA state office.
 - c. Prepare Disaster Assessment Report (DAR) in conjunction with partner agencies, if requested by the governor.
 - d. Report issues affecting food processing plants, fertilizer storage, and grain storage and processing for the purpose of evaluating the need for special response or assistance programs.
 - e. Provide leadership and coordination for all USDA emergency programs at the county level.
 - f. Provide low interest emergency loans for farm operating expenses to promote maximum efficient production for essential food and fiber needed during an emergency. These loans may also replace any livestock and/or farm equipment destroyed, damaged, or disposed of as a result of an attack or a natural disaster.
 - g. Provide farmers with production resources in an emergency when supplies are critically short.
 - h. Ensure that the entire food supply chain is maintained.
 - i. Have an active role in the Miami County Emergency Operations Center (EOC) if requested.

Support Agencies

2. Miami County Emergency Management Agency
 - a. Coordinate and support efforts of local officials and veterinarians with state resources to address response and recovery needs of animal and/or agricultural events.
 - b. Support resource requests.
 - c. Organize emergency management exercises to test response on animal management functions.
3. Ohio State University Extension Office in Miami County
 - a. Provide agriculture advisories and related information as required
 - b. Maintain ongoing agriculture surveillance of affected communities in order to rapidly identify and address agriculture related problems
 - c. The USDA – Veterinary Services would be coordination any requests to the National Veterinary Stockpile.
 - d. Disseminate vital information from the EOC to its partners
4. Miami County Soil and Water Conservation District
 - a. Provide guidance and response support for conservation structures (i.e.; waterways, culverts, detention basins, etc.) for soil and water movement issues.
 - b. Provide technical assistance concerning soil and water conservation.
 - c. Promote measures needed to reduce erosion.
5. Miami County Department of Development
 - b. Flood Plain administration for the unincorporated area of the county.
6. Ohio Department of Natural Resources (ODNR) – Division of Wildlife
 - a. Assert authority and control over all matters pertaining to the protection, preservation, propagation, possession and management of all wild animals regulated by the Division of Wildlife.
 - b. Assign a Wildlife Officer to serve as the local contact for the following emergency actions:
 - i. Wildlife disease
 - ii. Nuisance wildlife
 - iii. Wildlife damage of economic significance
 - iv. Wildlife threat to public safety
 - v. Injured and orphaned wildlife
 - vi. Hazardous materials or other substances affecting wildlife and/or waters of the state
 - c. Services available include:
 - i. Disease testing
 - ii. Pollution investigations
 - iii. Waterfowl Die-off response
 - iv. Euthanize dangerous or diseased wildlife
 - v. Enforcement of wildlife rules and regulations
7. Miami County Public Health
 - a. Advise on all health issues.
 - b. Assist in the proper disposal of animal carcasses depending upon the disaster with ODA, USDA-Veterinary Services, OEPA, and ODNR.
 - c. Assist in the coordination in the disposal of diseased animals depending upon the disaster with ODA, USDA-Veterinary Services, OEPA and ODNR.
8. Veterinarians (Local and State)
 - a. Provide advice and expertise for the prevention and control of zoonotic and food-borne diseases.

- b. Assist in determining sources of medical care for animals during emergencies.
- c. Notify appropriate authorities of unusual injuries and deaths of animals.
- 9. Ohio Livestock and Poultry Disease Emergency Response Team (LAPDERT)
 - a. The following is a list of the response teams available upon activation of the ODA and/or USDA-Veterinary Services:
 - i. Public Information and Rumor Control Team
 - ii. Surveillance Team
 - iii. Indemnification/Appraisal Team
 - iv. Livestock Euthanasia Team – Ohio Veterinary Emergency Responders
 - v. Decontamination Team
 - vi. Veterinary Support Team
 - vii. Quarantine Team
 - viii. Law Enforcement Support Team
 - ix. Recovery Team

V. DIRECTION AND CONTROL

- A. The Miami County EMA will coordinate response efforts for animal management activities, support resource requests, and maintain contact with other groups.
- B. Officials in the field will report all operations information to the agriculture and animal representative in the EOC.
- C. State and federal resource support will be coordinated through the EOC.

VI. ADMINISTRATION AND LOGISTICS

- A. OGs should be developed and updated by each entity as necessary.
- B. Reports and records of animal management activities during an emergency are collected and maintained by each entity involved. Copies of these records should be provided to the Miami County EMA for compilation with other records of the emergency incident.
- C. Mutual aid shall be activated in accordance with procedures set down in the agreements between the various entities.
- D. The Incident Command System is utilized to coordinate animal management operations during an emergency.
- E. Every effort is made to reunite animals with their owners. In the event that animals cannot be reclaimed by their owners in a reasonable time period, a foster/adoption procedure is utilized when necessary. Written agreements must be used to protect the rights of the original animal owners.

VII. CONTINUITY OF GOVERNMENT

- A. Lines of succession for each entity involved in agriculture or animal response have been established within their agency or department.

VIII. ESF DEVELOPMENT, MAINTENANCE AND TRAINING

- A. A periodic review will be conducted of this ESF for revalidation and necessary changes.
- B. The primary response agencies are responsible to submit proposed changes to the Miami County EMA Director for review and possible incorporation in this ESF.

IX. LIST OF APPENDICES

Appendix 1: Organization Contact Phone Numbers
Appendix 2: Miami County Veterinarians/Clinics

X. AUTHENTICATION

4-26-2019
Date

Delio Clark, Acting CED
Farm Services Agency Director

**MIAMI COUNTY EMERGENCY OPERATIONS PLAN
APPENDIX 1 TO ESF #11
ORGANIZATION CONTACT PHONE NUMBERS**

ORGANIZATION	PHONE NUMBER
Farm Services Agency (FSA) located in Miami County (USDA)	937-335-1918
Miami County Animal Shelter	937-332-6919
Miami County Department of Development	937-440-8121
Miami County Ohio Farm Bureau	937-335-1471
Miami County Public Health	937-573-3500
Miami Soil & Water Conservation District	937-335-7645
Ohio Department of Agriculture – Division of Animal Health	614-718-6201
Ohio Division of Natural Resources – Division of Wildlife	614-799-9538
Ohio Emergency Management Agency (OEMA) Watch Office	614-889-7150
Ohio Environmental Protection Agency (OEPA)	937-285-6357
Ohio State University Extension Office – Miami County	937-440-3945
USDA – APHIS-Veterinary Services Local Contact: Dr. Jamie Davis	614-856-4735

**MIAMI COUNTY EMERGENCY OPERATIONS PLAN
APPENDIX 2 TO ESF #11
MIAMI COUNTY VETERINARIANS/CLINICS**

Name	Address	Phone Number
Animal Clinic of Troy	1589 McKaig Rd. Troy, Ohio	937-339-4582
Cornerstone Veterinary Clinic	1208 E. Ash St. Piqua, Ohio	937-773-8060
English Veterinary Clinic	1470 W. Main St. Tipp City Ohio	937-667-3217
Miami Acres Animal Hospital Services	531 N. Elm St. Troy Ohio	937-335-2444
Oakview Veterinary Hospital Services	3773 W. Brown Rd. Piqua, Ohio	937-773-9800
Stonyridge Veterinary Service	500 Stonyridge Ave. Troy, Ohio	888-970-9597
Tipp City Veterinary Hospital	4900 S. County Rd. 25A Tipp City, Ohio	937-985-4964
Tippecanoe Veterinary Hospital	5100 S. County Rd. 25A Tipp City, Ohio	937-667-1441
Troy Animal Hospital	34 S. Weston Rd. Troy Ohio	937-985-2977
Walnut Grove Veterinary Services	8225 E. Walnut Grove Troy, Ohio	937-845-3146