

Emergency Support Functions Annex  
**ESF-11 AGRICULTURE AND  
NATURAL RESOURCES**



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**ESF Coordinator:**

Loudoun Cooperative Extension

**Primary Agency:**

Loudoun Cooperative Extension

**Section:**

Operations

**Support Agencies:**

Department of Animal Services  
Department of Building and Development  
Loudoun County Health Department  
*Environmental Health Services*

**Branch:**

Infrastructure

**Group:**

Agriculture and Natural Resources

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**INTRODUCTION**

**Purpose**

Emergency Support Function (ESF)-11 Agriculture and Natural Resources provides guidance and direction to designated agencies responsible for assessing and protecting the viability of the commercial food supply, agriculture, and natural resources.

**Scope**

ESF-11 Agriculture and Natural Resources coordinates the resources necessary to assess and protect the viability of the commercial food supply, agriculture, and natural resources during a significant event. Activities within the scope of ESF-11 functions include: assesses damage to agricultural resources; ensures safety and security of the food supply; responds to animal and plant disease outbreaks; and coordinates protective actions associated with natural, cultural, and historic resources.

For the purpose of this document, bulk food or commodity distribution is coordinated through ESF-7 Logistics Management and Resource Support.

**Relevant Laws, Statutes, Plans, and Policies**

- ▶ Loudoun County Emergency Operations Center (EOC) Policies and Procedures Guide

## ESF Planning Assumptions

- ▶ There is no direct tie between traditional damage assessment and agricultural damage assessment. Timelines, forms, and reporting requirements will be different.
- ▶ Coordination with many non-traditional regional, state, and federal agencies may become necessary for certain natural, cultural, or historic resources.

## ORGANIZATION

### ESF Responsibilities

- ▶ Reports to and takes direction from the Infrastructure Branch Director.
- ▶ Provides informational updates to the Planning Section.
- ▶ Develops plans, policies, and procedures necessary to resolve agriculture and natural resources issues during the significant event.
- ▶ Documents information and actions related to agriculture and natural resources missions and assignments.
- ▶ Utilizes current methods and procedures to process requests for assistance.
- ▶ Submits a detailed record of costs and expenditures to the Finance and Administration Section.

### Agency Roles and Responsibilities

#### Loudoun Cooperative Extension (LCE)

- ▶ The agency recognized with ESF coordination. Loudoun Cooperative Extension is responsible for overall ESF leadership and coordination associated with agriculture and natural resources during a significant event. Emergency operational policies and procedures developed by Loudoun Cooperative Extension provide the framework for carrying out these activities.

#### Department of Animal Services (AS)

- ▶ Provides personnel, equipment, and resources to assist with animal disease outbreaks.

#### Department of Building and Development (DBD)

- ▶ Serves as the agency with primary responsibility for protecting, managing, and monitoring natural, environmental, and cultural resources.

**Loudoun County Health Department (LCHD)**

Environmental Health Services

- ▶ Serves as the agency with primary responsibility for conducting food safety inspections in establishments impacted by the significant event.

**MISSIONS AND ASSIGNMENTS**

**Mission 1:** Coordinates the resources necessary to assess and protect the viability of the commercial food supply, agriculture, and natural resources during a significant event.

Assignment 1-1: Identifies, prioritizes, procures, and allocates available resources to protect the commercial food supply, cultural, and natural resources.

Assignment 1-2: Considers future (in the subsequent 12 to 24-hour period) resource requirements and conveys to EOC leadership.

**Mission 2:** Assesses damage to agricultural resources assessments and documents, analyzes, and reports results.

Assignment 2-1: Conducts assessments on all damaged crops and agricultural facilities.

**Mission 3:** Ensures safety and security of the food supply.

Assignment 3-1: Coordinates with ESF-13 Law Enforcement to ensure adequate security of the commercial food supply.

Assignment 3-2: Conducts food safety inspections in establishments impacted by a significant event.

**Mission 4:** Responds to animal and plant disease outbreaks.

Assignment 4-1: Inspects, verifies, and reports the presence of animal or plant disease outbreak with significant economic ramifications.

**Mission 5:** Coordinates protective actions associated with natural, cultural, and historic resources

Assignment 5-1: Manages and protects natural and cultural resources impacted by a significant event.

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