

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



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

Community Lifeline(s):

Food, Water, and Shelter

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.

COMMUNITY LIFELINE(S)

Food, Water, and Shelter

1. Agriculture (Animals and Agriculture)
 - ▶ Identify the status of animals and agricultural resources.
 - ▶ Determine impact to response operations and how they will improve if component is stabilized.
 - ▶ Identify actions that must be taken to improve the status of animals and agricultural resources.
 - ▶ Evaluate factors that may limit the ability to make improvements.
 - ▶ Establish restoration timeline for animals and agricultural resources.