



# Food Defense Fact Sheet

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## What is Food Defense?

Food defense is the protection of food products from intentional contamination or adulteration where there is an intent to cause public health harm and/or economic disruption.

## Highlighted Food Defense Tools and Resources

**Food Defense 101** provides training in preparedness against an intentional attack against our food supply. The courses provide an understanding of and guidance for developing a Food Defense Plan(s) based on a common sense approach.

<http://www.fda.gov/Food/FoodDefense/ToolsEducationalMaterials/ucm353774.htm>

**Employees FIRST** is an initiative that food industry managers can include in their ongoing employee food defense training programs. Employees FIRST educates front-line food industry workers from farm to table about the risk of intentional food contamination and the actions they can take to identify and reduce these risks.

<http://www.fda.gov/Food/FoodDefense/ToolsEducationalMaterials/ucm295997.htm>

**FDA Food Defense Plan Builder** is a user-friendly software program designed to assist owners and operators of food facilities with developing personalized food defense plans for their facilities. This user-friendly tool harnesses existing FDA tools, guidance, and resources for food defense into one single application. The Food Defense Plan Builder guides the user through the following sections: Company Information; Broad Mitigation Strategies; Vulnerability Assessment; Focused Mitigation Strategies; Emergency Contacts; Action Plan; and Supporting Documents. <http://www.accessdata.fda.gov/scripts/fdplanbuilder/>

**Food Related Emergency Exercise Bundle (FREE-B)** is a compilation of scenarios based on both intentional and unintentional food contamination events. It is designed with the intention of assisting government regulatory and public health agencies in assessing existing food emergency response plans, protocols and procedures that may be in place, or that they are in the process of revising or even developing.

<http://www.fda.gov/Food/FoodDefense/ToolsEducationalMaterials/ucm295902.htm>

**Food Defense and Recall Preparedness: A Scenario-Based Exercise Tool:** This scenario-based exercise tool highlights the importance of having a voluntary functional food defense plan and written recall procedures. <http://www.fsis.usda.gov/wps/portal/fsis/topics/food-defense-defense-and-emergency-response>



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**FSIS Food Defense Risk Mitigation Tool:** This online tool is part of an ongoing effort by FSIS to help protect the nation's supply of meat, poultry, and egg products from intentional contamination. During vulnerability assessments conducted jointly with FSIS, industry representatives suggested that a searchable, user-friendly tool was needed to facilitate identification and selection of applicable mitigation strategies (i.e., countermeasures).

[http://www.fsis.usda.gov/wps/portal/fsis/topics/food-defense-defense-and-emergency-response/preparation-and-prevention/guidance-documents/risk-mitigation-tool/ct\\_index](http://www.fsis.usda.gov/wps/portal/fsis/topics/food-defense-defense-and-emergency-response/preparation-and-prevention/guidance-documents/risk-mitigation-tool/ct_index)

**Food Defense Mitigation Strategies Database (FDMSD)** is a tool designed to assist owners, operators or agents in charge of companies that produce, process, store, package, distribute, and/or transport food with identifying preventive measures to protect the food against intentional adulteration. The FDMSD provides a range of mitigation strategies for individuals to consider implementing at points, steps or procedures to minimize the vulnerability to an intentional attack.

<http://www.accessdata.fda.gov/scripts/FoodDefenseMitigationStrategies/>

**CARVER+Shock Vulnerability Assessment Software Tool** is a prioritization tool that can be used to assess the vulnerabilities within a system or infrastructure in the food industry. The software program takes companies through questions about their facilities and processes to help them identify vulnerable areas. Companies consider what type of attack is the greatest threat and whether a biological or chemical agent might be used in an attack. The questions center around the flow chart developed by the user for the specific food system to be evaluated. By conducting a vulnerability assessment of a food production facility or process, the user can then focus resources on protecting the most susceptible points in their system.

<http://www.fda.gov/Food/FoodDefense/ToolsEducationalMaterials/ucm295900.htm>

## Additional Resources

**Food Safety Inspection Service (FSIS) Food Defense and Emergency Response website:**

<http://www.fsis.usda.gov/FoodDefense>

**The Food and Drug Administration (FDA) website:** <http://www.fda.gov/food/fooddefense/>

**Guidance for Industry: Retail Food Stores and Food Service Establishments: Food Security Preventive Measures Guidance (2007) -**

<http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/ucm082751.htm>

**“If You See Something, Say Something” Campaign:**

<http://www.fda.gov/downloads/Food/FoodDefense/UCM245306.pdf> (English Version)

**Active Shooter Preparedness:** <http://www.dhs.gov/active-shooter-preparedness>

**Commercial Facilities Resources:** <http://www.dhs.gov/commercial-facilities-resources>

**Counter-Improvised Explosive Device (IED) Training & Awareness:**

<http://www.dhs.gov/bombing-prevention-training>