



## Hydroponics FSQA Action Items

### Food Safety Consulting

#### Action Items:

- **Regulatory Compliance Assessment**
  - **Deliverable: Compliance Assessment Report detailing adherence to food safety regulations and identifying gaps.**
- **Custom Food Safety Plan Development**
  - **Deliverable: Food Safety Plan Document tailored to your hydroponic operations, including protocols for safety and compliance.**

### Quality Assurance Systems

#### Action Items:

- **Quality Management Systems (QMS) Implementation**
  - **Deliverable: QMS Implementation Plan outlining procedures, processes, and metrics for ensuring product quality.**
- **Quality Control Procedures Development**
  - **Deliverable: Quality Control Procedures Manual with step-by-step instructions for maintaining and monitoring product quality.**

### Risk Assessment and Management

#### Action Items:

- **Hazard Analysis**
  - **Deliverable: Hazard Analysis Report identifying potential food safety risks and their impact on hydroponic operations.**
- **Risk Management Plans**
  - **Deliverable: Risk Management Plan Document with strategies and actions for mitigating identified risks.**

### Certification and Compliance Support

#### Action Items:



- **FSMA Compliance Guidance**
  - **Deliverable:** FSMA Compliance Checklist and Guidance Document to assist with meeting FSMA requirements.
- **Certification Assistance**
  - **Deliverable:** Certification Application Package including necessary documentation, application forms, and submission guidance.

### **Training and Education**

#### **Action Items:**

- **Food Safety Training Programs**
  - **Deliverable:** Training Materials and Schedule including manuals, presentations, and attendance records.
- **Quality Assurance Workshops**
  - **Deliverable:** Workshop Materials and Evaluation Report with session outlines, participant feedback, and action plans.

### **Environmental Monitoring and Control**

#### **Action Items:**

- **Environmental Testing Services**
  - **Deliverable:** Environmental Testing Report including results for pathogens, contaminants, and recommendations for improvements.
- **Climate Control Solutions**
  - **Deliverable:** Climate Control System Installation Report with specifications, installation details, and performance checks.

### **Documentation and Record-Keeping**

#### **Action Items:**

- **Food Safety Documentation Management**
  - **Deliverable:** Food Safety Documentation System including records for inspections, testing, and training.



- **Traceability Systems Development**
  - **Deliverable:** Traceability System Report detailing the setup for tracking hydroponic produce from cultivation to distribution.

### Internal Audits and Inspection Support

#### Action Items:

- **Pre-Audit Preparation**
  - **Deliverable:** Internal Audit Report with findings, recommendations, and an action plan for addressing potential issues.
- **Inspection Support Services**
  - **Deliverable:** Inspection Support Document including checklists, preparation materials, and real-time assistance during inspections.

### Product Testing and Validation

#### Action Items:

- **Quality Testing of Hydroponic Produce**
  - **Deliverable:** Product Testing Report with results on nutrient levels, freshness, and safety.
- **Validation Studies**
  - **Deliverable:** Validation Study Report confirming that hydroponic systems and processes meet food safety and quality standards.

### Incident Management and Corrective Actions

#### Action Items:

- **Incident Response Planning**
  - **Deliverable:** Incident Response Plan Document with procedures for managing food safety incidents and recalls.
- **Corrective and Preventive Actions (CAPA)**
  - **Deliverable:** CAPA Report detailing root causes of issues and implemented corrective and preventive actions.

### Supplier Management



**Action Items:**

- **Supplier Audits and Evaluations**
  - **Deliverable: Supplier Audit Report with findings and recommendations for improving supplier performance and compliance.**
- **Supplier Quality Assurance Programs**
  - **Deliverable: Supplier Quality Assurance Plan outlining monitoring and management practices for supplier performance.**

**Consumer Safety and Communication**

**Action Items:**

- **Consumer Safety Protocols**
  - **Deliverable: Consumer Safety Protocol Document including guidelines for labeling, packaging, and safety measures.**
- **Communication Strategies**
  - **Deliverable: Communication Plan with strategies for addressing consumer concerns and providing transparency about product safety.**

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