Developing Food Safety Plans for the Supply Chain

OUTCOMES

Mr. Michael Landa
Acting Director
Center for Food Safety and Applied Nutrition
US Food and Drug Administration
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Session Goal

- Discussion of best practices in supply chain management

- Mechanisms to carry forward training through the PTIN
PTIN Strategic Goal

• Better ensuring the safety of the food supply chain in APEC region

• Building capacity in the use of international standards and best practices in food safety
What have we heard?

Beijing

Improving Food Safety

Public health outcomes

and

Trade and food security goals
What have we heard?

Beijing

Food Safety Plan

Risk Management Framework

Aquaculture

GMPs

HACCP

Prevention

Traceability

DEEP

GAPs
What have we heard?

Beijing

Prevention
Supply Chain Management
Best Practices

GENERAL
“Prevention is Key”

- Design an effective food safety system

Diagram:
- HACCP
  - Sanitation
    - Standard Operating Procedures
  - Prerequisite Programs (GAPs, GMPs, GHPs, etc.)
Supply Chain Management
Best Practices

GENERAL
“Prevention is Key”

- Design an effective food safety system
- Farm to Table Risk based Approach

- Farm (Raw Material) & Transport
  ➔ Processing & Distribution
  ➔ Preparation & Table Consumption

Reduction in Food Safety Hazards

APEC
Asia-Pacific Economic Cooperation

USAID
FROM THE AMERICAN PEOPLE

FSCF
Food Safety Cooperation Forum
PTIN
Partnership Training Institute Network
Supply Chain Management
Best Practices

GENERAL
“Prevention is Key”

- Design an effective food safety system
- Farm to Table Risk based Approach
- Control Measures

- Government – Develop regulatory framework
- Industry – Compliance with regulations, dedicated to food safety and transparent
Supply Chain Management
Best Practices

GENERAL
“Prevention is Key”

- Testing is for verification of effectiveness of controls and not safety outcomes
- Partnership Model is Valuable
- Training-
  - hands on
  - customize to small producers
Supply Chain Management Best Practices

Aquaculture

- Hatchery/Site Controls
  - Clean water sources
  - Drug and Chemical Use

- Feed Control
Supply Chain Management
Best Practices

Aquaculture

- Farmer is the weakest link in many economies
- Farmers must be brought into food safety continuum to minimize risk
Real Estate

LOCATION

LOCATION

LOCATION

LOCATION
Supply Chain Management

Processing

Producer

Point of Sale

Consumer

Prevention

Prevention

Prevention
Supply Chain Management

The best laid plans of mice and men often go astray
Supply Chain Management
Best Practices

Incident Management

Microbiological, Physical, Chemical

- Response

- Establish a management framework

- Develop response protocols
  - Consistent Communication

“Food safety incidents can occur at any stage of the food supply chain”
Steve McCuthcheon, FSANZ
Supply Chain Management
Best Practices

Take Home Message

Preventive approach is required to ensure safety at every step along the supply chain

- Analysis of hazards at each stage of supply chain

AND

- Implementation of control measures

“OVERLAPPING PROTOCOLS”
Supply Chain Management
Best Practices

Member economies through PTIN:

- Develop/strengthen strategic farm to table food safety plans
- Identify training needs
- Establish partnerships to access and utilize existing training/training modules

MOVING FORWARD
BEIJING 2010
Supply Chain Management
Best Practices

Member economies through PTIN:

- Identify what is working and replicate
- Don’t allow limited resources to hinder progress
  - TRAIN THE TRAINER MODEL

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Supply Chain Management
Best Practices

OUTCOME

Modules developed during this supply chain training:

A) Supply Chain Management
B) Aquaculture

- Available online
- Can be utilized by all participants and their member economies

MOVING FORWARD

BEIJING 2010
OUTCOMES

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