

**First Annual DHS University Network
Summit on Research and Education
March 15, 2007**

**Chem/Bio Division Panel
Clay Detlefsen**

**Food & Agriculture Sector Coordinating
Council (FASCC)**

Needs: Private Sector Perspective

- Where needed, solutions must be cost effective, easy-to-use and reliable.
- Benefits must exceed risks.
- Industry still perceives most terrorist-based risks as theoretical with little probability of occurrence.

Needs: Private Sector Perspective

- **The Food & Ag Sector has formed a Joint Committee on Research (JCR) to explore what is being done and where gaps exist.**
- **Comprised of company & association personnel and government representatives.**
- **Identifying what is being done and by whom is difficult.**

Needs: Private Sector Perspective

- **Some specific needs from the Sector include:**
 - **Better vulnerability assessment tools**
 - **Efficient area surveillance technologies**
 - **Chem/bio agent detection sensors**
 - **Validated & approved cleaning/sanitizing and decontamination methods.**
 - **Traceability tools**
 - **Robust communication tools**
 - **Basic understanding of CBR agents**

Needs: Private Sector Perspective

- Agent Detection Sensors Specifics
 - Rapid
 - Inexpensive
 - Low false positive, low false negative
 - Multi-agent, multi-food
 - Sensitivity more important than specificity
 - Ease of use
 - Low acquisition & operating cost

Needs: Private Sector Perspective

- Timing
 - With some exceptions, little tangible implementations have been deployed.
 - As distance from 9/11 increases, end-user interest declines.
 - Timeliness is imperative, we need to speed things up.

Needs: Private Sector Perspective

Questions?