New England States Animal Agriculture Security Alliance (NESAASA)
STRUCTURE

- Supported by USDA-APHIS-VS Region 1 office via CA
  - Area Emergency Coordinator – Dr. Fredric Cantor
  - AVIC – Dr. Bill Smith
  - Regional SMS Project Consultant – Rich Horwitz
  - Texas Center for Applied Technology in association with FAZD
NEW ENGLAND DISTINCTIONS

- Economic and cultural importance of dairies.
  - 90% percent of cattle in region are dairy.
- Small state size and weak county government.
- Dairy farms and processors typically -different states.
- Population distribution and development pressure.
- Agri-tourism and direct marketing.
  - NE has led in agri-tourism and firms with direct sales.
“The role of direct-to-consumer food marketing in the agricultural sector is most prominent in New England” — U.S. Agricultural Marketing Service

- Top 10 ranking in percentage of all farms with direct sales
- Top 10 ranking in direct market sales as percentage of all farm sales
- Top 10 ranking in average value of direct market sales per farm
Fewer, Larger Dairy Farms in New England, 2008-2013

Source: NE Marketing Area, AMS, January Reports

USAHA CAEM Committee

10/19/2013
In the Beginning...

- VS-Supported FMD Exercise 2008
  - FMD Plan Development Workshop July ‘08
  - FMD Response Workshop Oct ‘08
  - FMD Tabletop Exercise Nov ‘08
  - After Action Report Feb ‘09
    - Develop regional capacity / capability
    - COOP planning for industry
  - Regional Planning Conference Calls – initiated Aug ‘09
LOTS OF IT... NOT MUCH OF IT...

- Draft Charter presented at 2010 New England Governors’ Council meeting
- Signed by all six New England Governors on July 21, 2010
NESAASA is an interactive regional collaboration of the states of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont. As a regional multi-agency coordination group, NESAASA supports, enhances, and complements state and regional animal and animal agriculture planning, readiness, and emergency response systems.

NESAASA’s mission is to strengthen all-hazard response capabilities through alliances with the public, animal and animal agriculture industries, relevant private sector organizations, academia, and all levels of government.

NESAASA strives to protect New England animal agriculture and other agricultural animal systems, through increased efficiency and effectiveness of mutually agreed upon multi-state projects.
DAILY WASTE GENERATED ON-FARM

4.8 Million Pounds

0.4 Million Pounds

With State Stops

With Region Stops

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DAILY LOSS FOR PROCESSORS

- With State Stops: 7.5 Million Pounds
- With Region Stops: 3.2 Million Pounds

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10/19/2013
### Decision Goal: Identify farms that are most ready to move milk in an FMD emergency

#### Setting Weights to Readiness Criteria

Identify farms that are most ready to move milk in an FMD emergency.

#### Readiness Criteria

- **Objective:**
  - Security of the farm perimeter
- **Criteria:**
  - Distance to the nearest neighbor with susceptible stock
  - Employees also working on another farm with FMD-susceptible animals
  - Gate to restrict access to farm or livestock areas
  - Signs with biosecurity advice for visitors
  - Potential for milk pick-up from outside the farm perimeter
- **Aggregate:**
  - Expert opinion using analytical hierarchy process

#### Table of Readiness Criteria

<table>
<thead>
<tr>
<th>Weight</th>
<th>Criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.211</td>
<td>Security of the farm perimeter</td>
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<tr>
<td>0.036</td>
<td>Distance to the nearest neighbor with susceptible stock</td>
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<tr>
<td>0.067</td>
<td>Employees also working on another farm with FMD-susceptible animals</td>
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<tr>
<td>0.053</td>
<td>Gate to restrict access to farm or livestock areas</td>
</tr>
<tr>
<td>0.011</td>
<td>Signs with biosecurity advice for visitors</td>
</tr>
<tr>
<td>0.044</td>
<td>Potential for milk pick-up from outside the farm perimeter</td>
</tr>
<tr>
<td>0.258</td>
<td>Sanitation of the route from the public roadway to the milk bulk tank</td>
</tr>
</tbody>
</table>

- **Control point at farm entry**
- **Clean lane**
- **Lane free of agricultural run-off (e.g., from pens and pasture)**
- **Separation between the lane for milk pickup and the routes of other farm traffic**
- **Separation from cattle crossing**
- **Separation from manure hauling**
- **Separation from livestock shipments**
- **Separation from feed delivery**
- **Separation from employee parking**
- **Separation from visitor parking**
- **Permeability of travel surfaces**

- **Capacity to clean and disinfect dairy traffic**
  - **Functioning foot baths**
  - **Functioning wash station**
  - **Site for a wash station**
    - **Large enough**
    - **Separate from farm run-off**
    - **Not draining directly into a wetland or waterway**
    - **Able to contain waste wash water**
  - **Equipment and supplies for a wash station**
Survey Farm Readiness for Emergency Permitted Milk Movement

Information is provided by dairy owners and managers in on-farm meetings with regulators.

3 Primary Components
Goal: Improve farm readiness ratings through notification, education and other methods of support
CHALLENGES / GOALS
SMS PROJECT CHALLENGES / GOALS

- Clarify survey data MGT/MAINTENANCE
- Incorporate entire milk shed in regional planning
- Make farm readiness data valuable to producers / encourage improvement
- Extend project to haulers and processors
- Clarify how firms not overseen by AMS are handled (Farmstead processors)
- Regional response vs. regulation
- Determine which farms we “protect”
NESAAASA CHALLENGES / GOALS

- ORGANIZATIONAL STRATEGIC PLANNING
- NESAAASA CHARTER UPDATE
- FOCUS ON PROJECTS OTHER THAN SMS
- INVOLVEMENT OF OTHER GOVT STAKEHOLDERS – PIOs, FIELD INSPECTORS, PUBLIC HEALTH
- DOVETAILING WITH OTHER REGIONS
HOW DO SPECIFIC RESPONSE PROJECTS INITIATED BY REGIONAL ALLIANCES DOVETAIL TO FORM A COHESIVE U.S. RESPONSE STRATEGY?

http://nesaasa.weebly.com/