Florida Animal Disease Traceability

NIAA STRATEGY FORUM ON LIVESTOCK TRACEABILITY
SEPTEMBER 25, 2018

DIANE L. KITCHEN, DVM, PHD
STATE EPIDEMIOLOGIST,
VETERINARIAN MANAGER, BOVINE PROGRAMS

Florida Department of Agriculture and Consumer Services  •  Adam H. Putnam, Commissioner
Animal Disease Traceability

- Florida Sunshine – Utilize federal databases
- SPIS – State Premises Identification System
- AINMs – Animal Identification Number Management System
- VSPS – Veterinary Services Process Streamlining
  - CVIs
  - Retrospective CVIs since 2011
Animal Disease Traceability

- SCS Core One
- StateVet.com interface
- Livestock market
  - Backtag reports
  - Interstate movements
- Bulk entry of test information electronically
- Dairy calf brokers
Florida Cattle Identification Rule

- Cattle over 18 months of age
- Exceptions
  - Directly to slaughter
  - Moving between owner premises (no commingling)
  - Moving to an Approved Tagging Site
    - 9 Livestock Markets
    - 4 Approved Sites at other locations
Florida Cattle Identification Rule
Livestock Markets (all are Approved Tagging Sites)

Option 1
▶ All eligible cattle are officially identified prior to sale
▶ Tag on behalf of seller prior to sale

Option 2
▶ Provide list of buyers of all unidentified eligible cattle within 24 hours of sale.
▶ Provide purchaser with official form.
▶ Requires purchasers of apply official ID and submit form to SAHOs within 7 days.
ADT in my world – Epidemiology and Traces which rely on the program

- August 2018 – notification of non-negative BSE sample (Confirmed as H-type Atypical BSE)
- Immediate investigation
  - Index premises – Cull cow back grounder/feeder
  - Management tag and NUES tag
Now what? Traceability gaps?

- Florida livestock markets do not capture Official ID, unless
  - They apply it, or
  - Animal is moving INTERSTATE on alternative movement documents.
- NUES tags –
  - Read errors,
  - Data entry issues,
  - Unreadable
But do not give up!

- Trace is much more difficult with NUES
  - We are getting there, but
  - It has taken too long.
- It takes more time,
  - We may have time for some diseases.
  - We do not have this time for other diseases.
When It Works - - -

What Makes It Work???

- Electronic documents
- Complete documentation
- Legible, accurate documentation
- ELECTRONIC CAPTURE of IDs
- Trace of cattle in FL -
- Option 1 market
- Correlation and records
Florida TB Trace Comparison

Dairy 1 – No record management, mixed IDs
- Trace of 125 springers
- Four dairies, no records
- Over 6000 cows
  - Test all and record all IDs
  - 45 days in herd
  - Multiple ID per cow
  - Decrease milk production daily (at least 25%/day)

Dairy 2 – All cattle EID with extensive records
- Trace of 111 springers
- 4 units, electronic records
- Located all within 6 hours
- Presented for testing
- In herd for part of 4 days
- No disruption of milking line
- Electronic gating of cows to test
What do we as SAHOs need -

- Industry support –
  - Wake Up calls – what will it take?
  - If you want us able to do our job, we need your support
  - It is more than just a tag in a cow
- Improved database interfaces
  - Sharing between databases critical
- Improved capture options
  - Portals, messaging
Questions?

Diane L. Kitchen, DVM, PhD; Diane.Kitchen@FreshFromFlorida.com