

Planning for an FMD Outbreak Response in CA: Vaccination and Beyond.....

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Presentation Overview

- FMD Vaccination Strategy Development
 - Pre-event planning
 - Increased awareness
 - Forward momentum



FMD Vaccination Strategy Development

Pre-event Increased Forward Planning Momentum Awareness

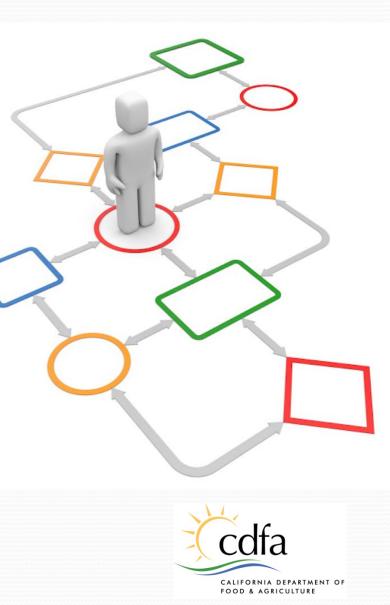
Much has changed since 1929





Big Job – Small Steps

- Awareness grew (2003)
- Outreach to USDA/other states (2004)
- Inclusive exploration of options
- USDA collaboration and coordination with complimentary projects



Planning Focus: Needles in Cows







Planning Layers

CA Vaccination Plan

- The "If and Why?"
- Reasons
 vaccination should
 be part of the
 response strategy
- Factors/Decision criteria for consideration in reaching that conclusion
- Preplan/discuss with industry

FMD Vaccination Operational Plan

- The "How?" for implementing the strategy for an incident
- People, forms, notifications, ID, record keeping/data mgt., repackaging
- SOPs
- Checklists

"Official Request for Vaccine"

CA Vaccination
 Plan and incident
 specific strategy
 feed this request
 which would be
 provided to USDA
 to justify need for
 manpower, vaccine
 and supplies

CA Vaccination Strategy

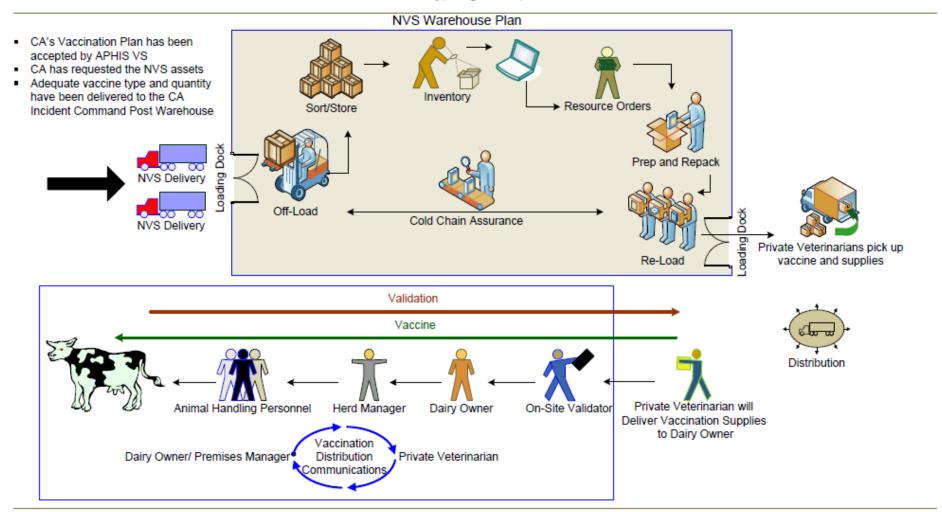
- Specific to an incident
- What animals? In what area? Disposition of vaccinates?
- Resource priorities with limited resources
- Template(s)

The incident must be prepared to receive, re-package, distribute and deliver the vaccination (ID and data capture required) while maintaining cold chain and chain-of-custody



Proposed vaccination distribution workflow

California Animal Health Emergency Management System (CAHEMS) FMD Vaccine Distribution Workflow Monday, August 08, 2011



Standard Operating Procedures



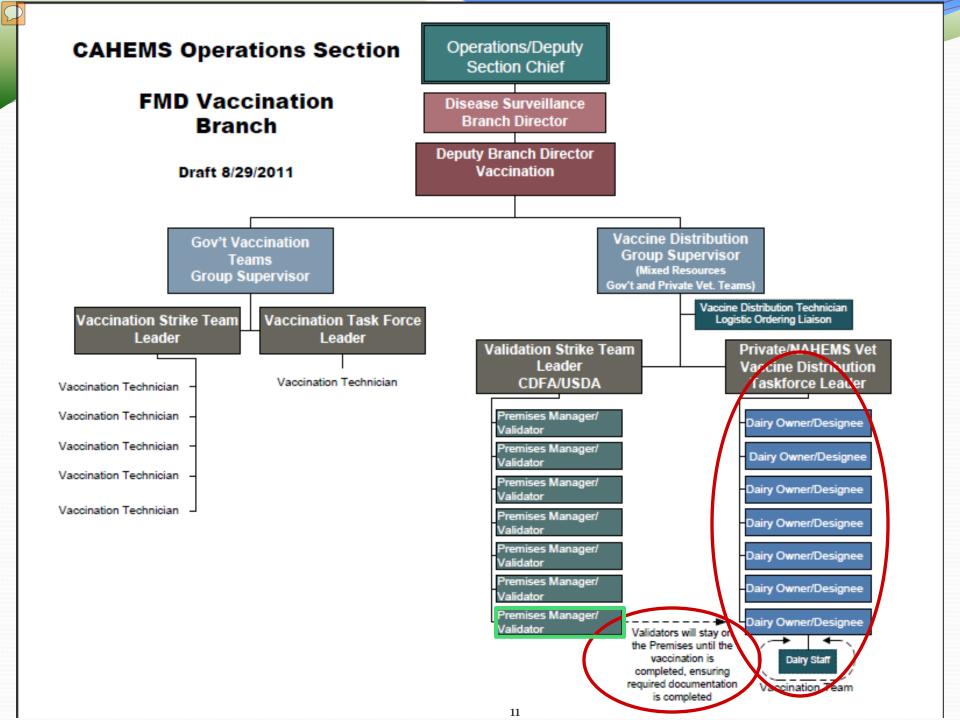
Requesting and Handling Vaccine



Maintaining Cold Chain



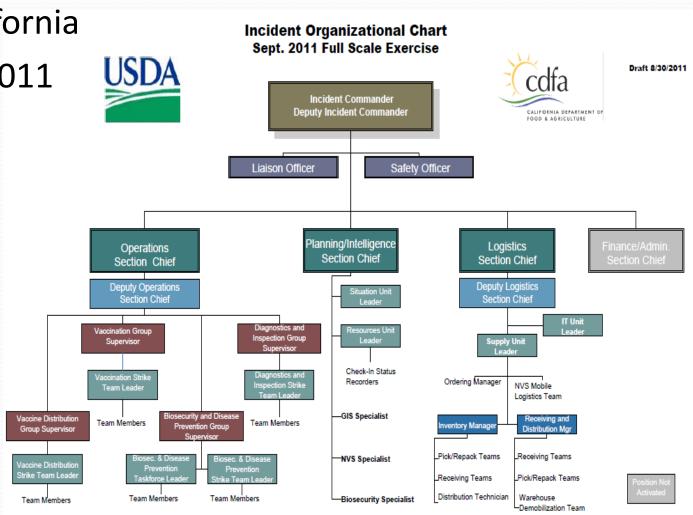
Validation





FMD Vaccination Exercise

- Tulare, California
- Sept. 6-8, 2011







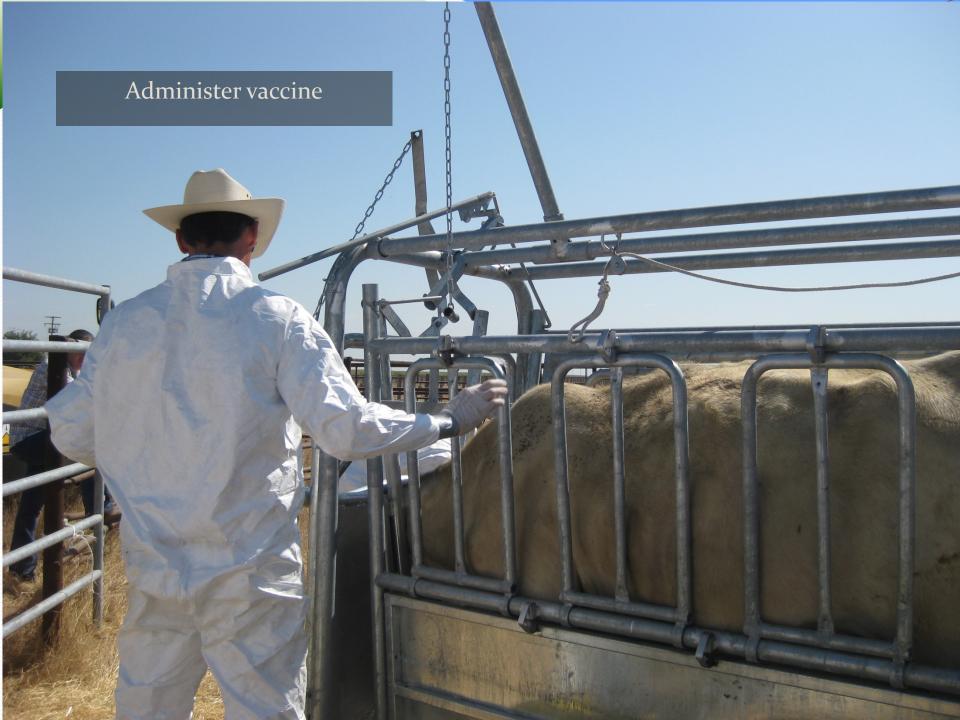












Post Exercise Considerations

- SOPs worked need minor improvements
- Consider contracting warehouse management let the professionals do it
- Ideal delivery team gov. vet or <u>owner's</u> vet?
- Owner's vet MUCH faster delivery
- Goal is to be 90% operationally ready to vaccinate millions of dairy cattle in 48 hours
- Operational bottle neck is documenting animal ID



Post Exercise Considerations

- Pressure to resolve vaccine use decision making, strategic planning and request expectation
- Major planning gap: proving vaccinated animals are truly uninfected, testing and data collection/management
 - What do we do with positive cattle versus the herd?
 - Laboratory capacity rapid through put for needed testing
 - Data management forms, ID, handheld, lab integration, compiling, analysis ...





Success

Success



25

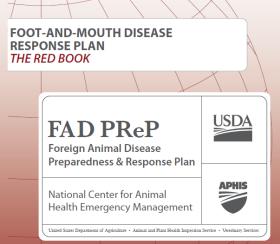
what people think it looks like

what it really looks like



What are we doing now?

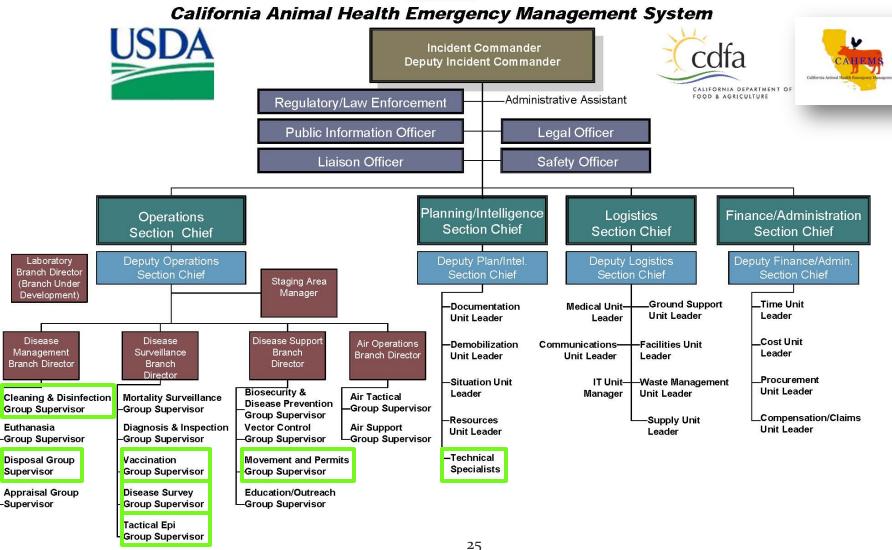
- Animal Health Branch Emergency Program Re-Established
- Monthly Emergency Program Meetings
- Functional Emergency Planning Teams
 - Review USDA FAD Prep documents and develop new procedures, as necessary
 - Training on and testing procedures through mini-drills
 - Special Projects



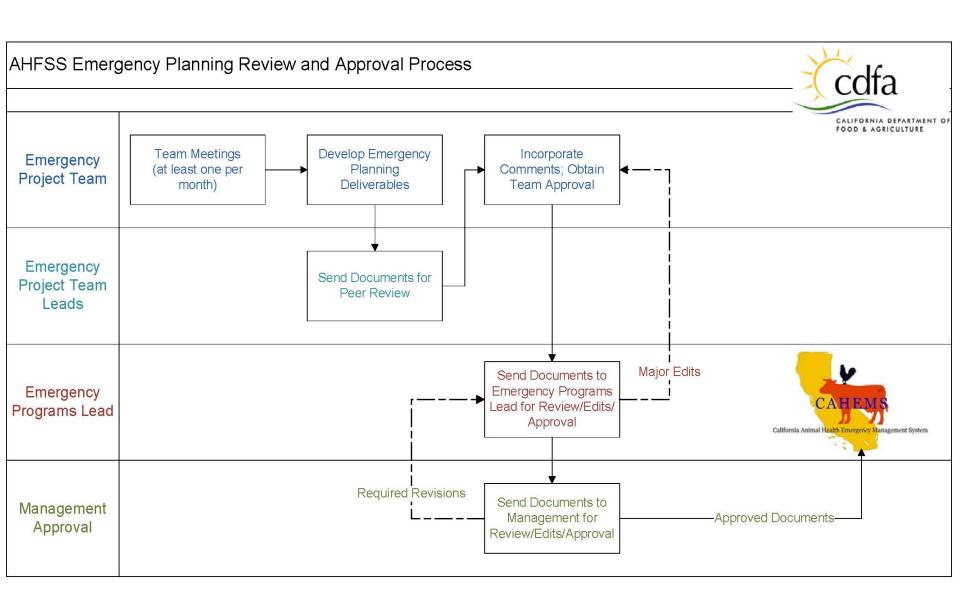


Planning Teams

CAHEMS



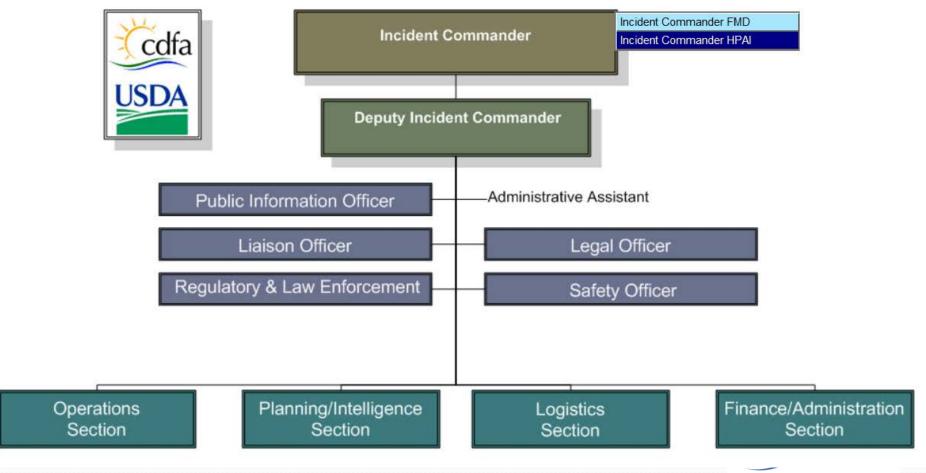






CAHEMS

California Animal Health Emergency Management System





Addressing After Action Items

After Action Issue	Current Project
Consider contracting warehouse management professionals	Grassroots Project: Private 3 rd Party Logistics Cold Chain Vendors
Document Standard Operating Procedures	Emergency planning teams
Pressure to resolve vaccine use decision making, strategic planning and request expectation	Vaccine Decision Matrix And Vaccinate Prioritization Considerations Project
Data management gap	Initial Step: Data Validation Project,
Lab integration	Bulk Milk Sampling Diagnostics Project (labeling samples with a unique premises ID and electronic results reporting)



Increased Awareness

- Train and test field response staff
- Engage industry
- Engage other states
- Engage private practitioners





Forward Momentum

Planning and Preparedness



Partners



California Animal Health Emergency Management System

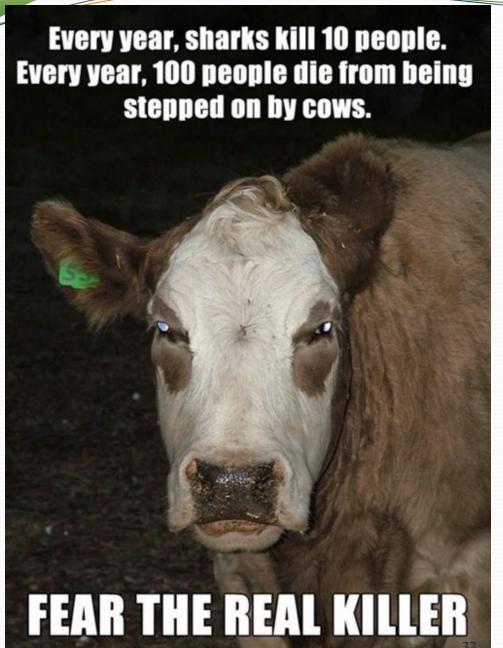




- Pre-event planning –Progressing
- Awareness -Continues
- Forward momentum -Essential







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