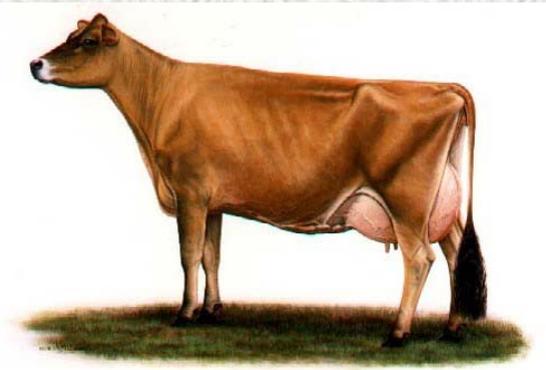
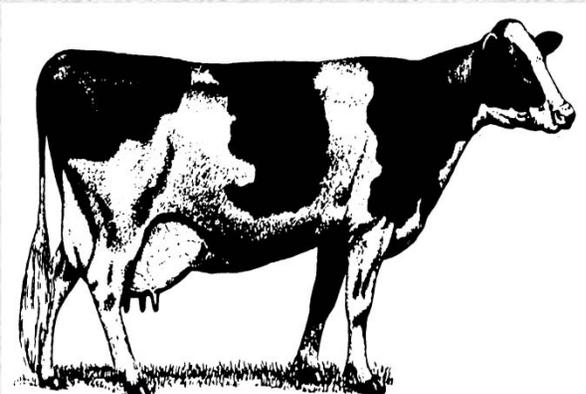
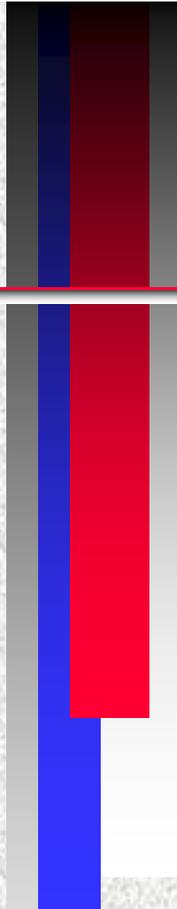


The Mid-Atlantic Secure Milk Supply Project

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Topics

- **Project justification**
- **The Mid-Atlantic Secure Milk Supply Plan so far**
- **Next Steps**

FMD Control Measures

- **Restrictions may cover all or large parts of a state and affect interstate and intrastate movements of livestock and products**
- **Restrictions may last from 2 to several days**
- **Many dairy farms may be affected, with a substantial economic cost to the dairy industry**

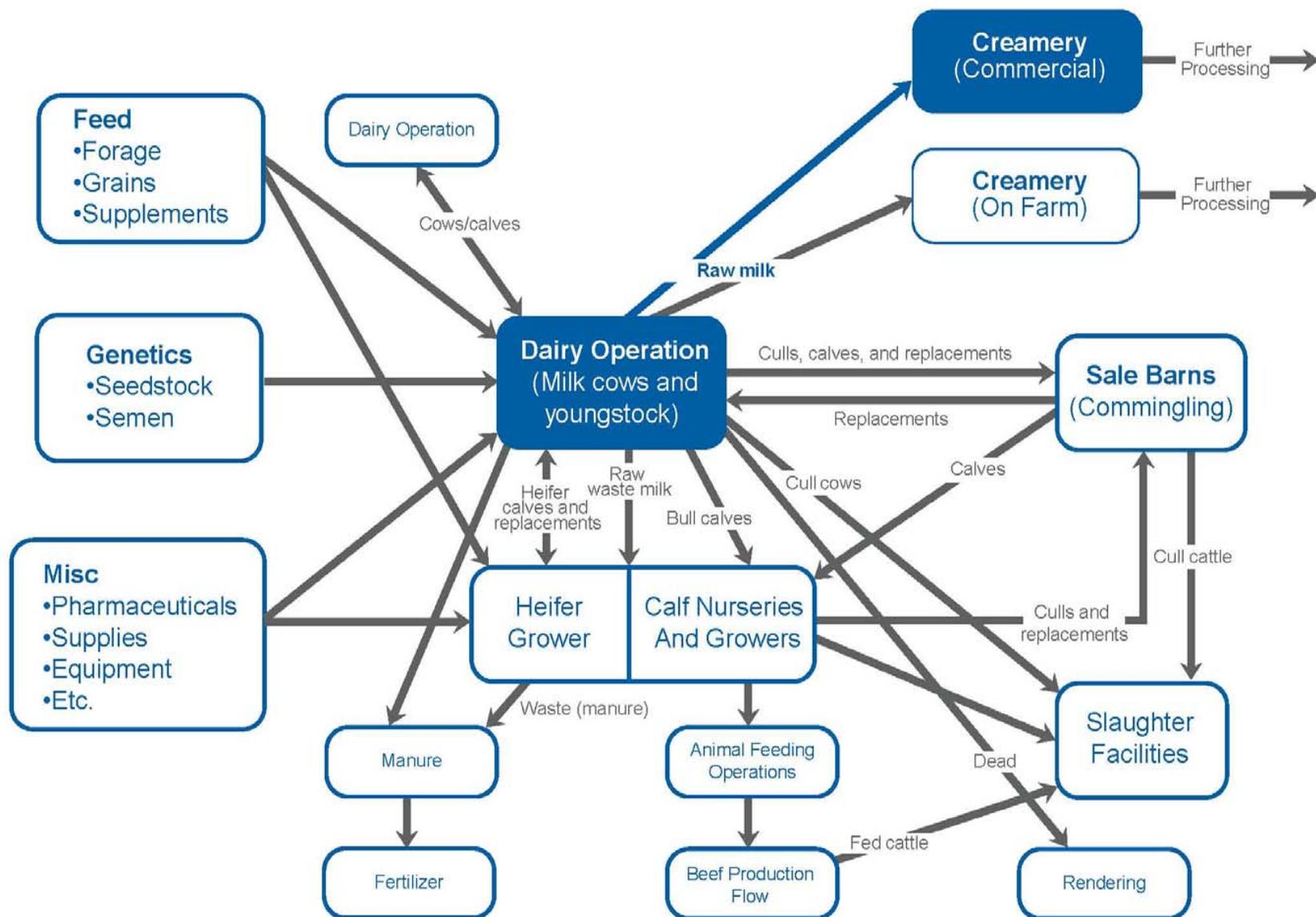
Dairy Economic Activity in MD, NC, SC, TN, & VA

- **2,100 dairy farms sold ~\$900 mil. of milk in 2010**
- **Dairy processors sold ~\$4.5 billion of dairy products in 2009, 5 X the farm gate value, and employed ~ 7,500 people**
- **IF two days worth of production was lost :**
 - **~ \$2,600 per farm in lost milk sales**
 - **~ \$5,000,000 in lost farm milk sales**
 - **~ \$25 million in lost plant sales**

FMD Control Measures

- **Control Areas would be set up around Infected Farms to control spread.**
- **Movements within these Control Areas are restricted and stay in place until the disease is controlled.**
- **Restrictions may last for weeks, with severe, perhaps catastrophic, economic consequences for uninfected dairy farms lying within the Control Area**

The dairy industry (producer and processor) business flow is complex





- **How do you eat an elephant?**
- **SMS is the first bite**
- **SMS applies to Grade A milk only**

Mid-Atlantic SMS Project

- **Initially, five states are cooperating – MD, NC, SC, TN, and VA**
- **The five State Veterinarians have developed biosecurity measures that will allow milk from dairy farms in a movement restricted area to move to processing plants**
- **The added risks of disease spread are deemed acceptable**
- **Reciprocal agreement among the five states will allow interstate movement of permitted milk**

Mid-Atlantic SMS Project

■ **Milk moves!**

- **78% of VA milk and 60% of MD milk was processed out-of-state in 2010**
- **NC processed more VA milk than VA did**
- **PA shipped 2.2 bil. lb of milk into the five-state area for processing**
- **Cooperation and collaboration are required to sustain the dairy industry**

Mid-Atlantic SMS Plan

- **The plan builds on the national SMS biosecurity performance standards and The Red Book definitions of premises and zones**
- **Considers permits for the two types of movement restrictions**
 - **Stage 1 of an outbreak – initial disease investigations are ongoing**
 - **Stage 2 – Control Areas are in place around Infected Premises**

Mid-Atlantic SMS Project

- **Is still under development, not finalized**
- **Industry ideas have been sought**
- **Biosecurity measures are required on farms, for haulers and for processors**
- **Pre-event : Farms passing a “Biosecurity Preparedness Audit” will get top priority for a permit if an FMD outbreak occurs**
- **Post-event: Additional farm biosecurity and livestock inspection requirements must be met to get a permit**
- **Participation will be voluntary**

M-A SMS Biosecurity Plan

- **Pre-event biosecurity readiness audits**
 - **Pre-event audits are necessary because many resources (people) will be fully occupied with disease control activities if FMD hits and movements will be restricted**
 - **Businesses passing their most recent audits are given top priority for permitting if there is a FMD event**
 - **Businesses failing an audit get a lower priority**
 - **Businesses choosing not to participate get the lowest priority**

M-A SMS Biosecurity

- **Farm biosecurity includes:**
 - **Controlled and recorded access of vehicles and visitors to the farm**
 - **Milk truck washing and disinfection both going on to and leaving the farm**
 - **Full protective wear for truck driver while on-farm**
 - **Farm staff assist with implementing milk pick up biosecurity measures**
 - **The plan requires appropriate facilities, equipment, supplies, SOPs, and training**

M-A SMS Biosecurity

- **Milk haulers must**
 - **Wear full PPE while on-farms and in milk receiving areas at plants**
 - **Carry disinfectant and sprayer**
- **Milk plants must**
 - **Control access**
 - **Wash and disinfect trucks**
 - **Segregate raw milk areas from processing**
 - **Treat milk spillage**
- **All parties must report observed failures to comply with biosecurity procedures**

M-A SMS Biosecurity Plan

- **If there is an FMD outbreak, top priority dairy farms would be**
 - **Given a partial biosecurity audit and, if passed, a movement permit**
 - **Inspected by a qualified animal health professional as resources permit and disease conditions require. If there are no clinical signs the farm permit would remain in effect.**
 - **Farms would be re-audited and re-inspected periodically**

M-A SMS Plan

■ **Post-event, continued**

- **Haulers and plants that passed their last pre-event audits would be permitted and subject to random audits**
- **Dispatchers would get frequent information on movement restricted areas, permitted farms, Free Area farms, etc. from Incident Command. This is work in progress.**
- **Dispatchers would give haulers their farm route information**
- **Plants would be notified of deliveries**

M-A SMS Audits

- **Audits and inspections will be conducted by State Veterinarian's staff and Milk Inspection agency staff**
- **Pre-event**
 - **Initial audits**
 - **Follow-up audits on a regular basis**
- **Post-event**
 - **Farm biosecurity audits and spot checks of haulers and processing plants**
 - **Livestock inspections on dairy farms**

M-A SMS Plans for Year 2

- **Pilot test of the pre-event biosecurity procedures on dairy farms, with milk haulers and in dairy processing plants**
- **Training programs for auditors and others involved in implementation**
- **Expanding to add DE and WV**
- **Coordinating with the PA/NY/NJ project**

Summary

- **An outbreak of FMD would be devastating to the dairy industry**
- **The SMS plan will allow some milk to move from dairy farms to processing plants and thereby reduce the collateral damage of disease control efforts**
- **Planning ahead with an SMS plan is necessary because there will be limited resources available if there is an FMD event**

Summary

- **The plan builds on the national SMS initiative's Biosecurity Performance Standards and The Red Book**
- **Requires biosecurity procedures on farms, for haulers and in processing plants**
- **Passing a pre-event "audit" is required to gain top priority for a permit if FMD hits**
- **Farms must pass post-event biosecurity audits for a permit, with separate livestock inspections. Spot check haulers and plants.**
- **SMS will be a voluntary program**

Questions?



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