



Committee Report

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Foot and Mouth Disease Preparedness Recommendations

Through a deliberative process including five webinars with government, academic, and other experts, and an in-person meeting, the NMPF Animal Health & Wellbeing Committee has drafted a series of recommendations on FMD preparedness for the U.S. dairy industry. The recommendations for FMD preparedness include priorities on (1) vaccine use in a U.S. outbreak; (2) vaccine research and antigen bank capabilities; (3) USDA laboratory and field diagnostics; (4) Secure Milk Supply; and (5) on-farm biosecurity and FMD educational materials. These recommendations will be presented to the NMPF Board of Directors.

Background

Foot-and-mouth disease, widely known as FMD, is a severe, highly contagious viral disease. The FMD virus causes illness in cows, pigs, sheep, goats, deer, and other animals with divided hooves. FMD is a worldwide concern, as it can spread quickly and cause significant economic losses. While many countries across the globe are dealing with FMD in their livestock populations, in the United States the disease was eradicated 1929. Today USDA's Animal and Plant Health Inspection Service (APHIS) safeguards the health of U.S. livestock.

In March 2014, NMPF Animal Health & Wellbeing Committee Chair Karen Jordan, DVM, appointed an FMD Preparedness Task Force to assess the state of and future needs for FMD preparedness for the U.S. dairy industry. The Task Force organized a series of webinars to inform the Animal Health & Wellbeing Committee about the current state of FMD preparedness. The Committee held an in-person meeting on September 11, 2014 to discuss FMD preparedness policy to formulate these recommendations to the NMPF Board of Directors.

Recommendations for FMD Preparedness

The NMPF Animal Health & Wellbeing Committee endorsed the following recommendations for NMPF policy on FMD preparedness for the U.S. dairy industry:

- FMD vaccine use in a U.S. outbreak
 - Support FMD vaccine use in a U.S. outbreak including vaccinate-to-live scenarios
- FMD vaccine research and antigen bank recommendations
 - Support continued research of next generation FMD vaccines with DIVA capability and production within the U.S.
 - Support modernization including funding by the U.S. government for a fully functional FMD antigen bank for vaccinate-to-live scenarios with appropriate serotypes and quantities available for immediate use in an FMD outbreak
- Laboratory and field diagnostics recommendations
 - Support function and funding of the National Animal Health Laboratory Network
 - Support continued development of FMD bulk milk tank quick test

- Secure Milk Supply recommendations
 - Support continued development of Secure Milk Supply as a national framework for movement of milk in an outbreak
 - Support development of State and Regional Secure Milk Supply agreements with pre-certification programs for movement of milk in an outbreak
 - Support development of a Secure Dairy Animal Supply as a national framework for the movement of dairy cattle in an outbreak
- Biosecurity and FMD educational material recommendation
 - Support development of a variety of on-farm FMD educational materials as early detection and reporting an outbreak is critical in limiting the spread of the disease

Biosecurity and FMD Educational Materials

The Task Force is developing on-farm biosecurity and FMD preparedness educational materials with partners including USDA Animal and Plant Health Inspection Service, American Association of Bovine Practitioners, National Cattlemen's Beef Association, and the Center for Food Security and Public Health at Iowa State University. The educational materials, anticipated to be available in 2015, may include:

- FMD pocket guide
- Biosecurity poster
- FMD poster
- Visitor Biosecurity Poster

NMPF Animal Health & Wellbeing Committee Membership

Mike Barnes	Agri-Mark, Inc.
Neal Rea	Agri-Mark, Inc.
Donn DeVelder	Associated Milk Producers Inc.
David Darr	Dairy Farmers of America, Inc.
Garrett DeVries	Dairy Farmers of America, Inc.
Leon Graves	Dairy Farmers of America, Inc.
Jerrel Heatwole	Dairy Farmers of America, Inc.
Karen Jordan, DVM	Dairy Farmers of America, Inc. (<i>Chair</i>)
Randy Mooney	Dairy Farmers of America, Inc. (<i>Ex Officio</i>)
Dan Senestraro, DVM	Dairy Farmers of America, Inc.
Kelly King	FarmFirst Dairy Cooperative
Clint Fall	First District Association
Chuck Nelson	First District Association
Mike O'Brien	Foremost Farms USA
John Mahoney, DVM	Land O'Lakes, Inc.
Grant Gayman	Maryland & Virginia Milk Producers Coop Assn., Inc.
Velmar Green	Michigan Milk Producers Association
Antone Mickelson	Northwest Dairy Association
Bill Wavrin	Northwest Dairy Association
Kevin Olson	Prairie Farms Dairy
Michael Pedreiro	Premier Milk, Inc.
Walt Guterbock, DVM	Select Milk Producers, Inc.
Leon Weaver, DVM	Select Milk Producers, Inc.
Stephen Ford	Southeast Milk, Inc.
Tom Gates	St. Albans Cooperative Creamery, Inc.
Tom Tegeler	Swiss Valley Farms Company
Mark Wustenberg, DVM	Tillamook County Creamery Association
Tom Thompson	United Dairymen of Arizona
Mike Davis	Upstate Niagara Cooperative, Inc.
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