

OHIO'S FOOT-AND-MOUTH DISEASE (FMD) RESPONSE AT A GLANCE



Spotting the Threat: FMD Detection

Early detection of signs and symptoms by producers and veterinarians, followed by **prompt reporting** to state or federal authorities, is essential for effectively containing an outbreak

Producers are responsible for maintaining daily on-farm biosecurity and must be prepared to implement **Enhanced Biosecurity** measures immediately in a FMD outbreak

Shielding the Herd: Enhance Biosecurity



To contain a FMD outbreak, **Quarantine and Movement Restrictions** are swiftly implemented. Permits and standstill orders help manage disease risk while supporting business continuity for unaffected premises



Stop the Spread: Quarantine and Movement Controls

Surveillance plays a critical role in detecting new cases, assessing outbreak spread, and supporting the permitted movement of animals and their products. It also helps demonstrate disease freedom and informs response strategies

On the Lookout: Surveillance



Depopulation is a rapid response strategy to eliminate infected or exposed animals and reduce FMD spread. The goal is to swiftly depopulate using approved humane methods



Stamping Out FMD: Depopulation

Timely, site-specific **Disposal** of infected carcasses and contaminated materials is essential for containing FMD, and must follow approved methods that safeguard public health and protect the environment

Handled with Care: Disposal



Scrub the Threat: Cleaning & Disinfection (C&D)

Thorough **C&D** must be conducted promptly after depopulation and comply with state and federal regulations to ensure virus inactivation and minimize environmental impact

Emergency vaccination, authorized by state and federal officials, involves the use of serotype-matched vaccines alongside movement controls and surveillance to reduce FMD spread and support eradication efforts

Defense!!: FMD Vaccination



Back in Operation: Quarantine Release and Restocking

Quarantines will remain in place until regulatory officials confirm virus elimination through C&D, a designated fallow period, and negative surveillance testing. Animals used for **Restocking** must come from FMD-free areas and follow appropriate testing protocols

The Road to Recovery: FMD Freedom



A FMD outbreak triggers international trade restrictions. **Reinstating free status** requires comprehensive disease control, surveillance, and biosecurity measures that meet WOA criteria to validate FMD freedom and restore U.S. market access

