

Responding to an FMD outbreak in the United States will be a complex event. This Ready Reference Guide provides common guidance for all responders and planners to facilitate the development of adaptable, flexible, and scalable emergency plans and processes. All the information provided is intended to be guidance, acknowledging that any FMD outbreak will be unique and responders will need to tailor the response accordingly.

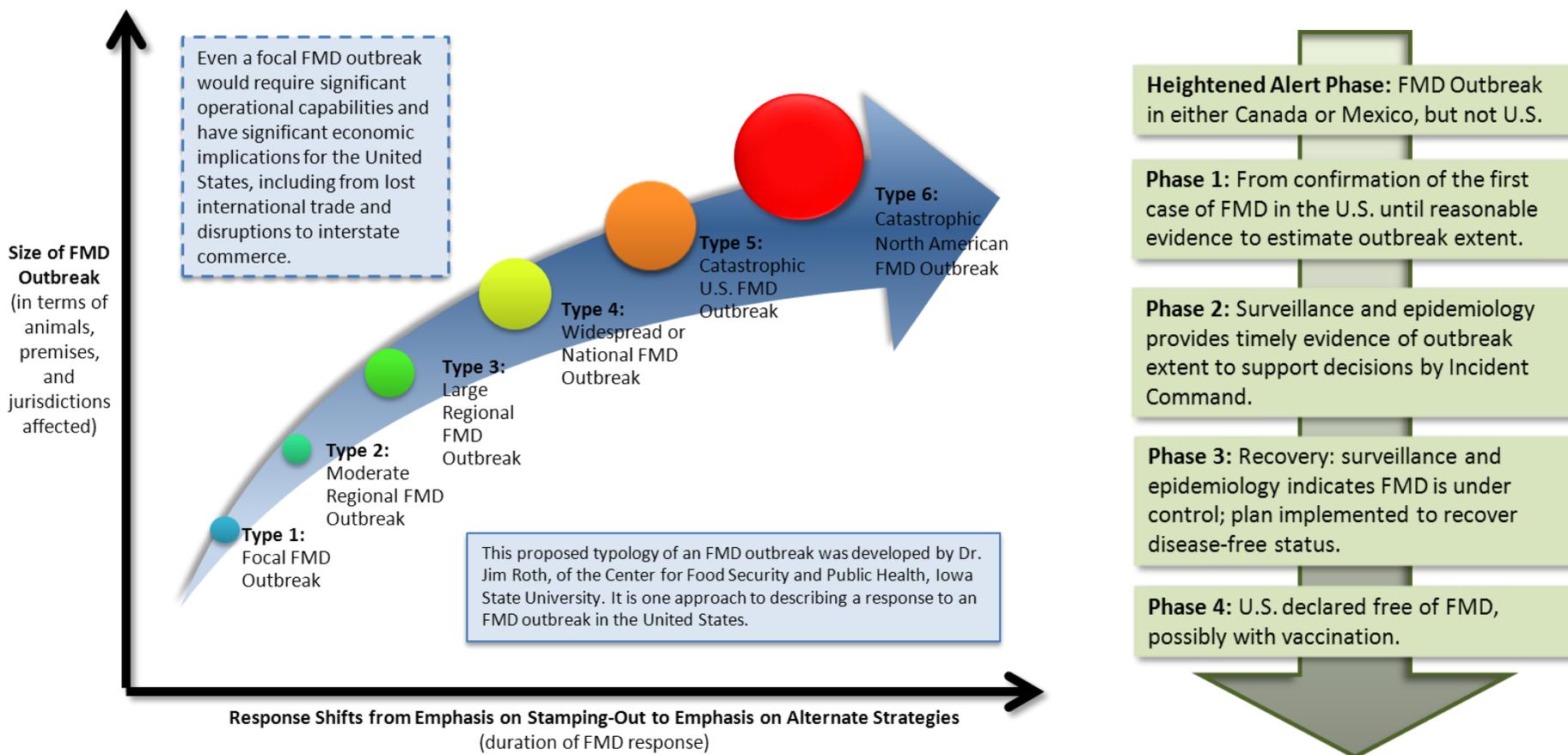
Classification of Phases and Types of an FMD Outbreak and Response

Type

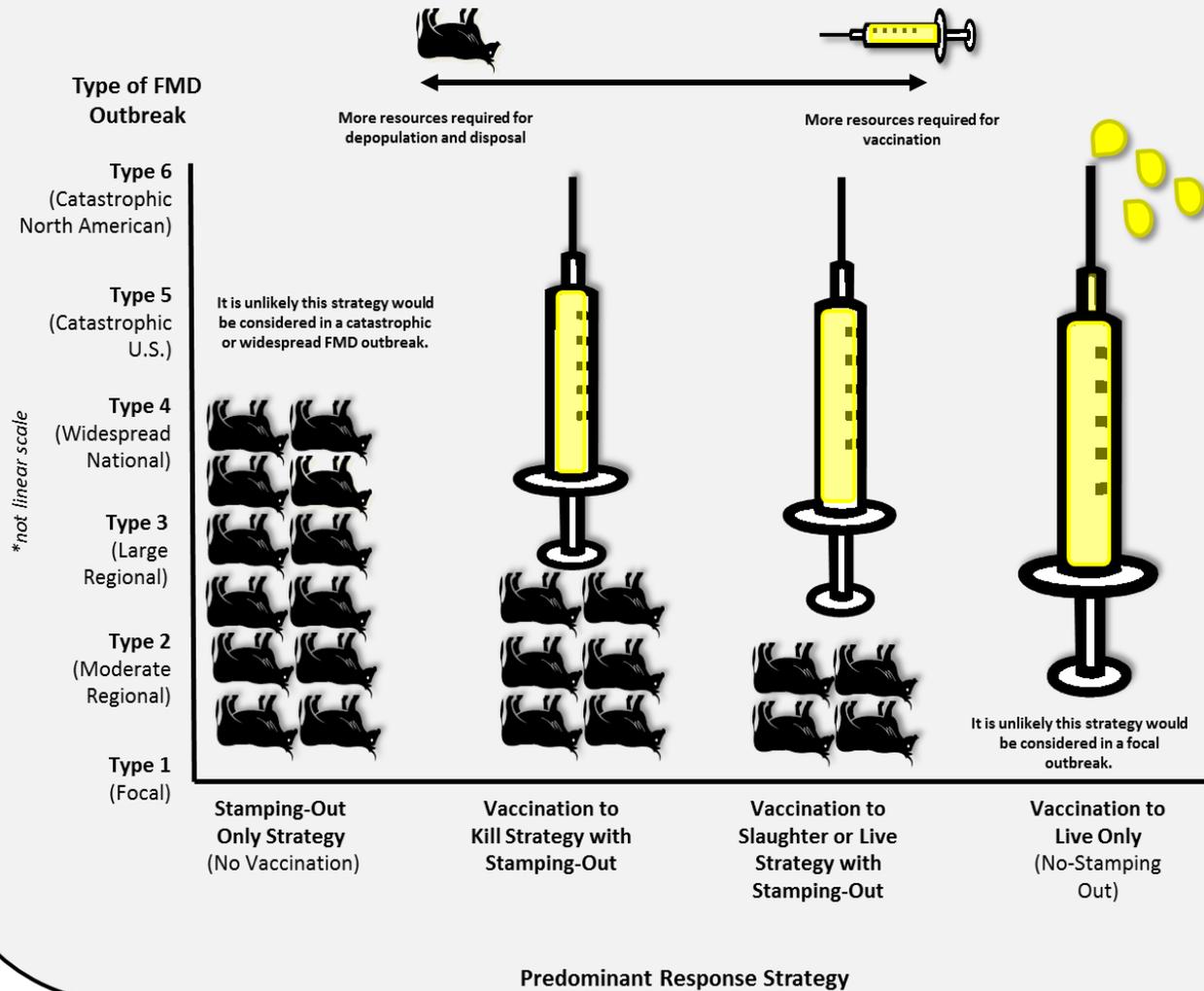
A categorical measure of magnitude of an FMD outbreak.

Phase

A temporal stage in FMD outbreak response.



Resources Needed Based on Response Strategy and Outbreak Type



Review of FMD Response Strategies

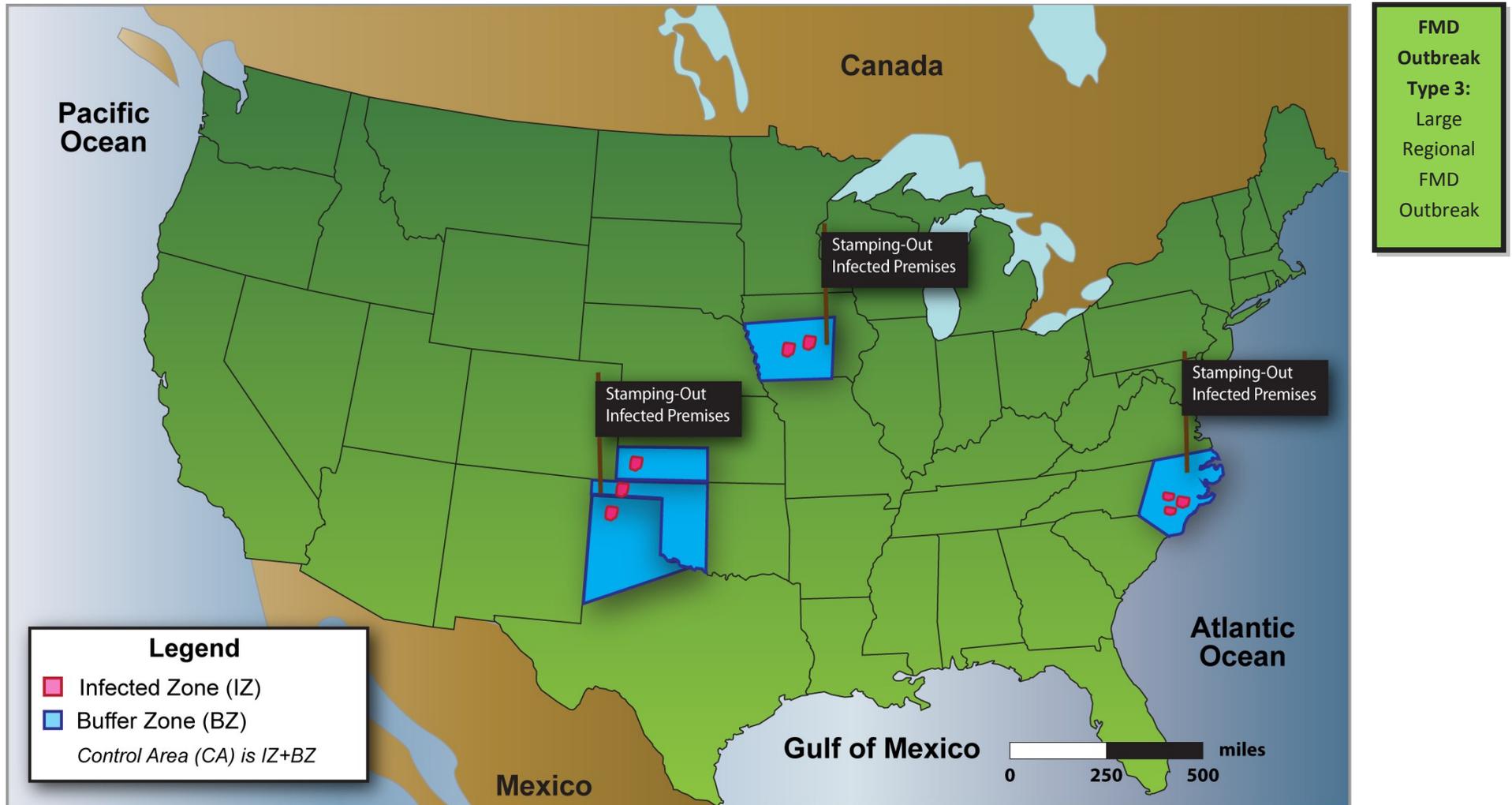
In an FMD outbreak in the United States, there are five strategies that may be considered:

- ◆ Stamping-out (with no emergency vaccination): *depopulation of clinically affected and in-contact susceptible animals.*
- ◆ Stamping-out modified with emergency vaccination to kill: *depopulation of clinically affected and in-contact susceptible animals and vaccination of at-risk animals, with subsequent depopulation and disposal of vaccinated animals. Depopulation and disposal can be delayed until logistically feasible.*
- ◆ Stamping-out modified with emergency vaccination to slaughter: *depopulation of clinically affected and in-contact susceptible animals and vaccination of at-risk animals, with slaughter and processing of vaccinated animals, if animals are eligible for slaughter.*
- ◆ Stamping-out modified with emergency vaccination to live: *depopulation of clinically affected and in-contact susceptible animals and vaccination of at-risk animals, without subsequent depopulation of vaccinated animals. Vaccinated animals intended for breeding, slaughter, or other purposes live out their useful lives.*
- ◆ Vaccination to live (with no stamping-out): *vaccination used without depopulation of infected animals or subsequent depopulation or slaughter of vaccinated animals.*

Where should I go for more information?

http://www.aphis.usda.gov/animal_health/emergency_management/materials_ref.shtml or

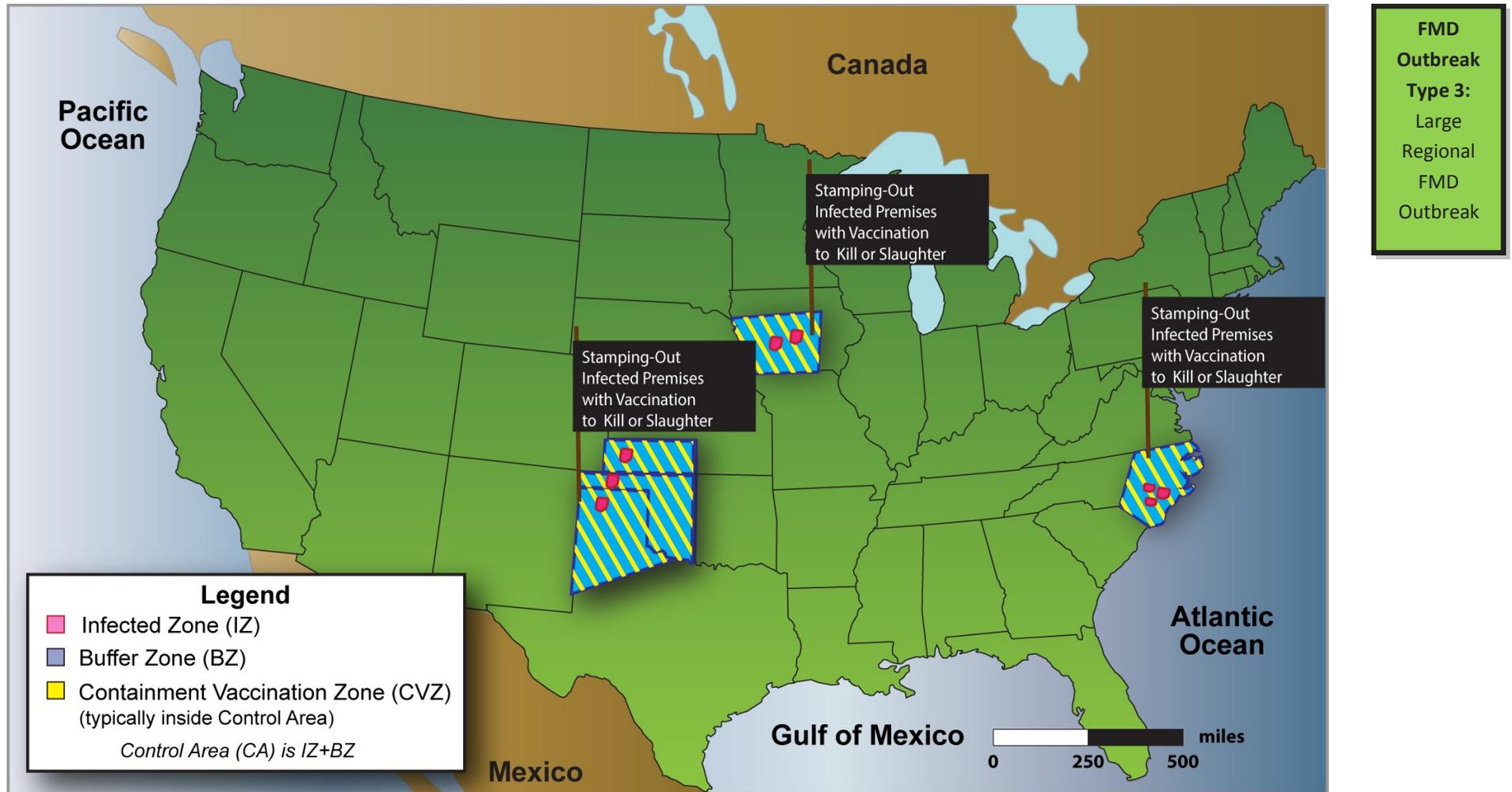
<http://inside.aphis.usda.gov/vs/em/prep.shtml> (for APHIS employees)



FMD
Outbreak
Type 3:
Large
Regional
FMD
Outbreak

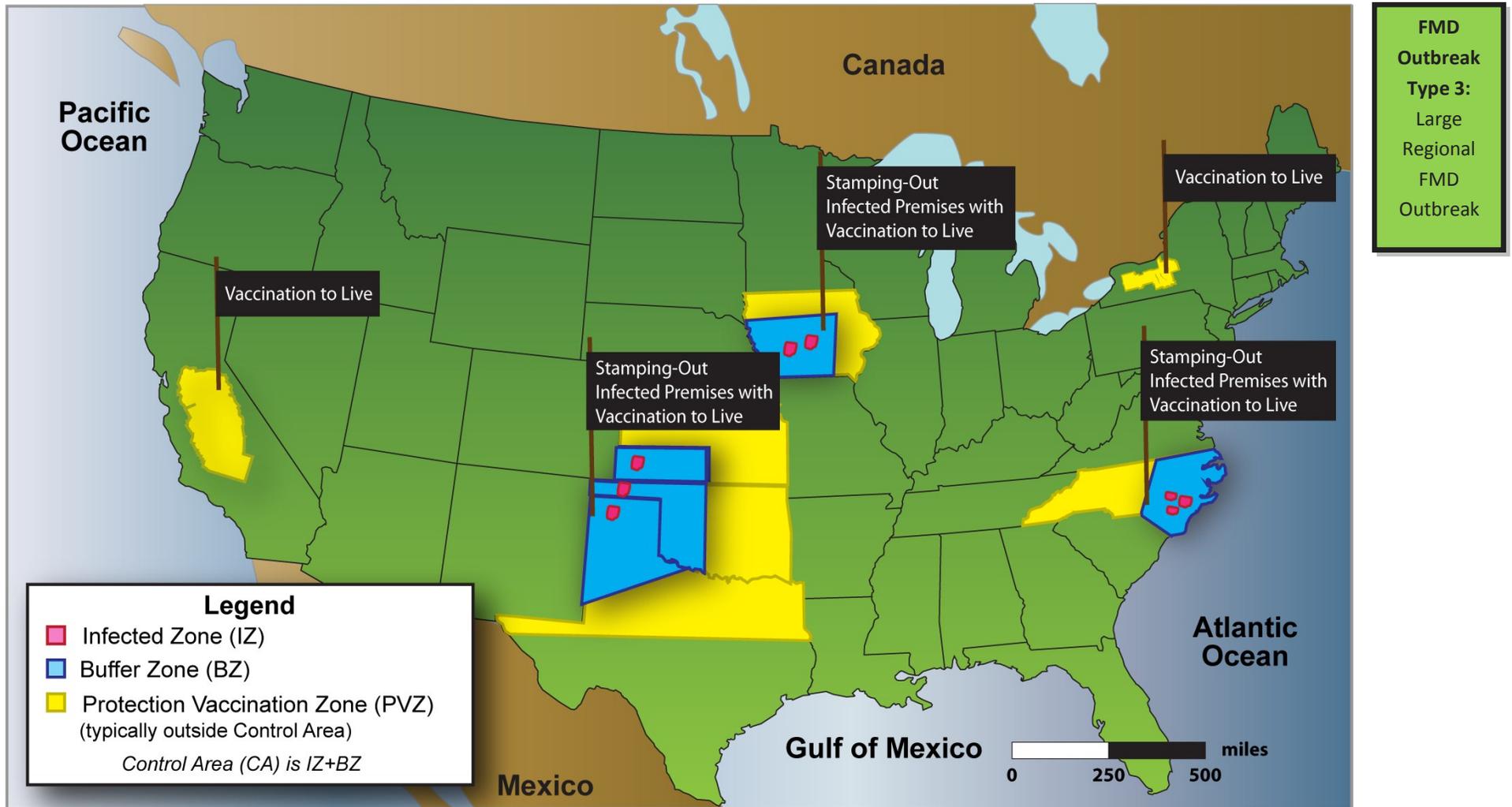
Example of Stamping-Out

This map illustrates a stamping-out strategy for controlling, containing, and eradicating FMD in the United States. This map is not prescriptive—it is only an illustration. In this example, animals on Infected Premises would be stamped-out, and emergency vaccination strategies would not be employed.



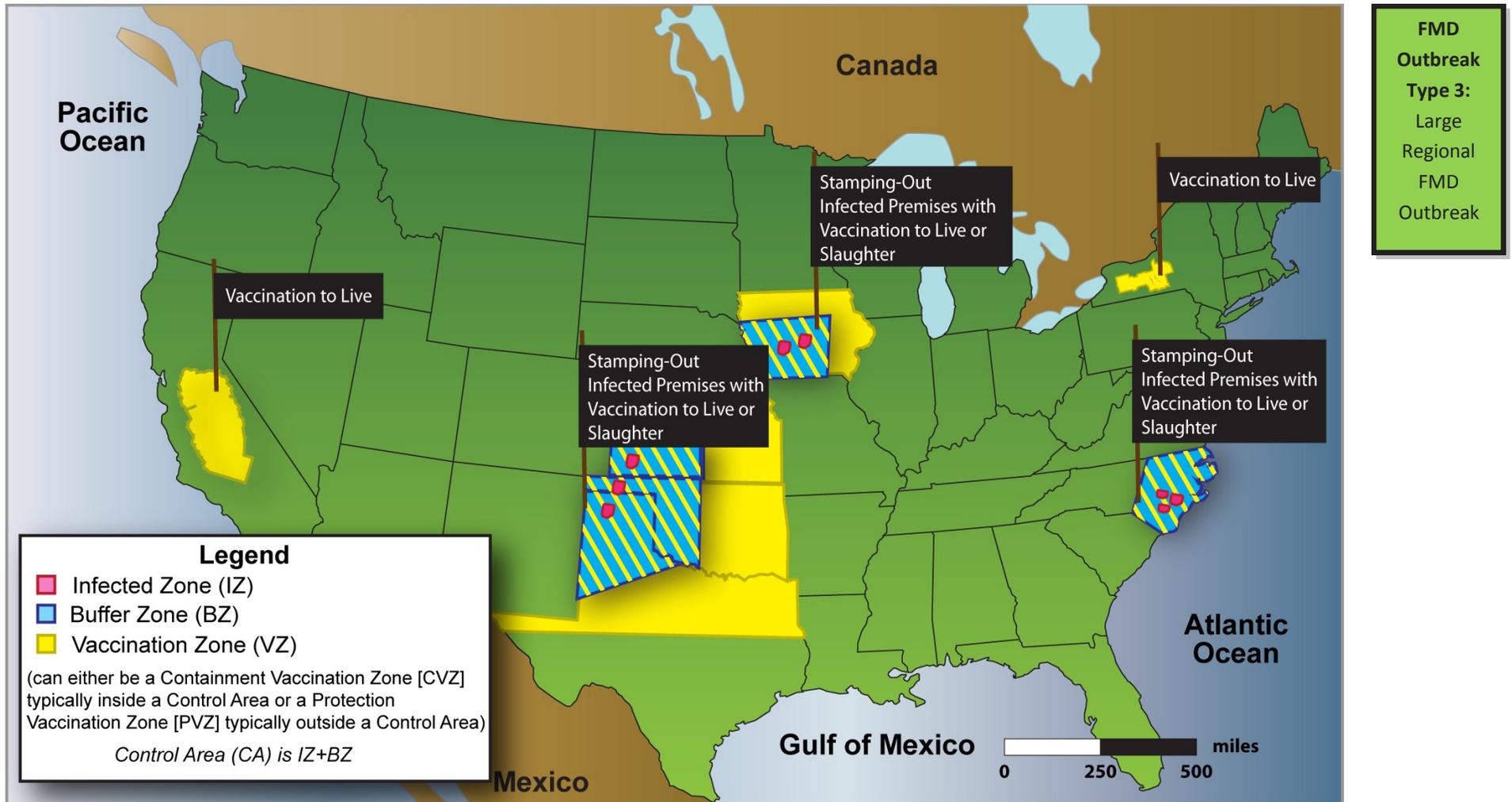
Example of Stamping-Out Modified with Emergency Vaccination to Kill or Emergency Vaccination to Slaughter

This map illustrates a stamping-out strategy, modified with emergency vaccination to kill or emergency vaccination to slaughter, for controlling, containing, and eradicating FMD in the United States. This map is not prescriptive—it is only an illustration. In this example, the Infected Premises would be stamped-out and there would be emergency vaccination to kill or emergency vaccination to slaughter in Containment Vaccination Zones (typically inside Control Areas).



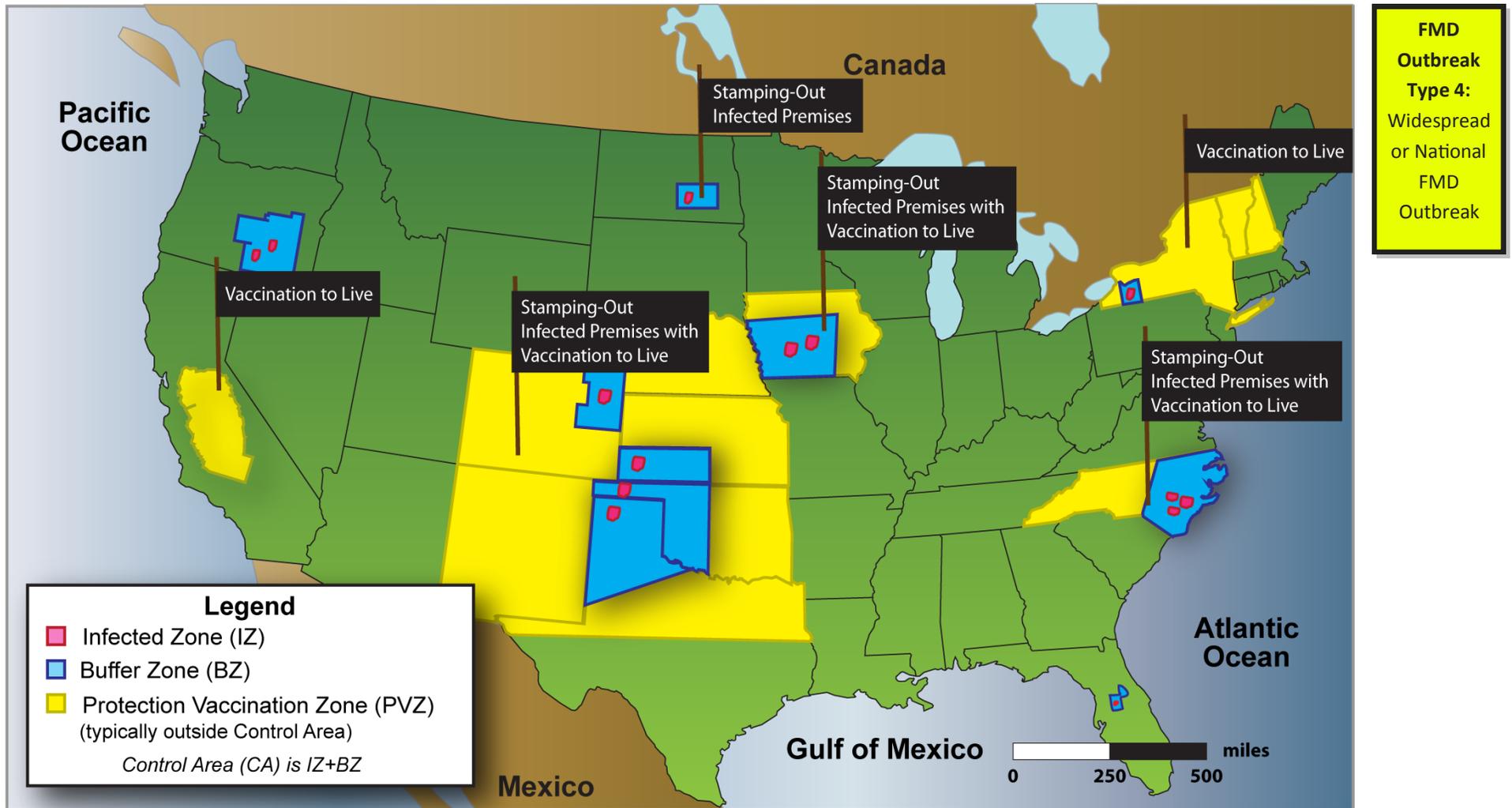
Example of Stamping-Out Modified with Emergency Vaccination to Live

This map illustrates a stamping-out strategy, modified with emergency vaccination to live for controlling, containing, and eradicating FMD. This map is not prescriptive—it is only an illustration. In this example, the Infected Premises would be stamped-out, and there would be emergency vaccination to live in Protection Vaccination Zones (typically outside Control Areas).



Example of Stamping-Out Modified with Emergency Vaccination to Slaughter and Emergency Vaccination to Live

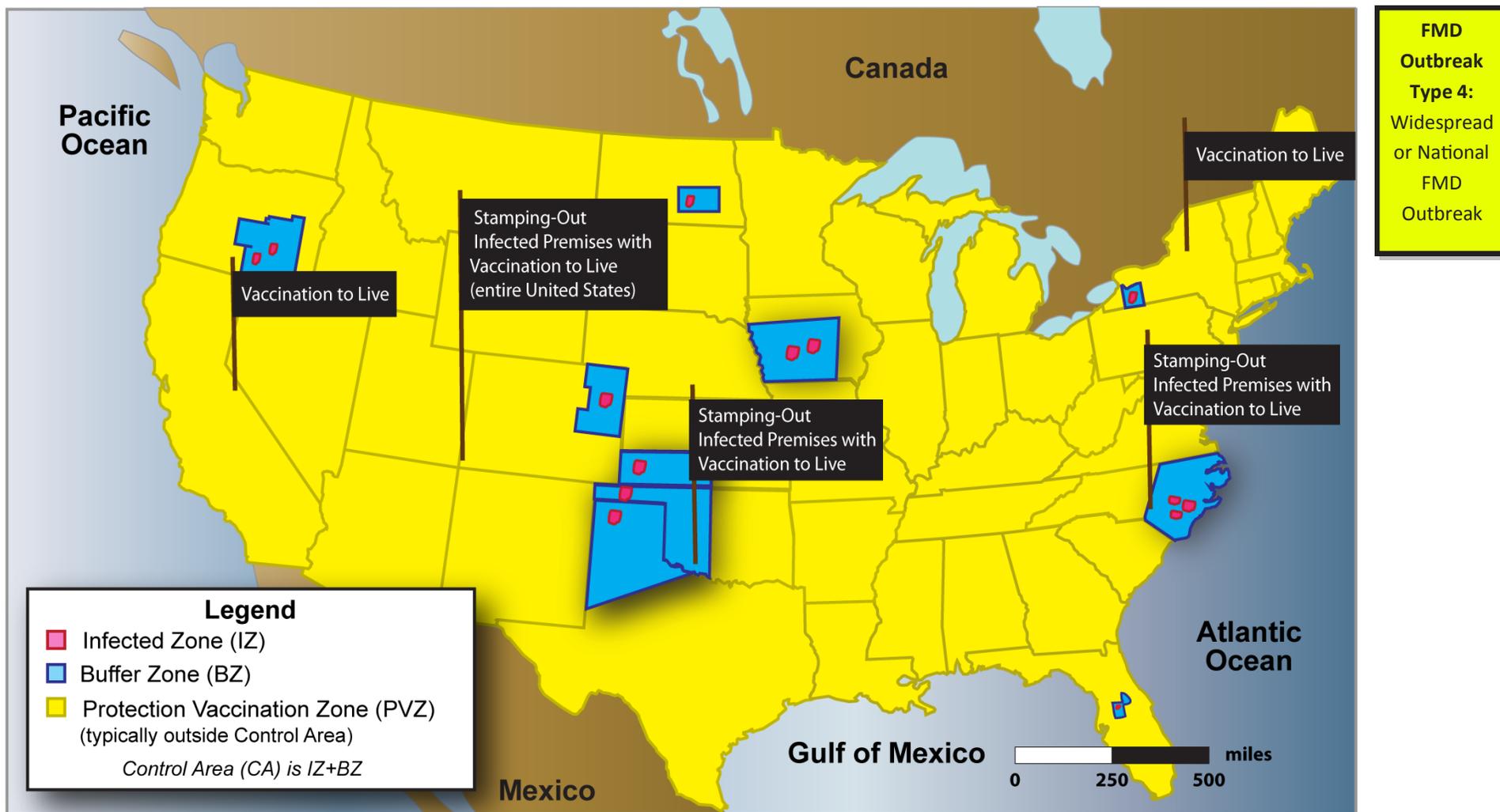
This map illustrates a stamping-out strategy, modified with emergency vaccination to slaughter and emergency vaccination to live. This map is not prescriptive—it is only an illustration demonstrating the possibility of employing multiple vaccination strategies during an outbreak. In this example, the Infected Premises would be stamped-out, and there would be emergency vaccination both inside (in Containment Vaccination Zones) and outside (in Protection Vaccination Zones) the Control Areas. Emergency vaccinated animals may be destined for slaughter or to live out their intended useful lives.



**FMD
Outbreak
Type 4:**
Widespread
or National
FMD
Outbreak

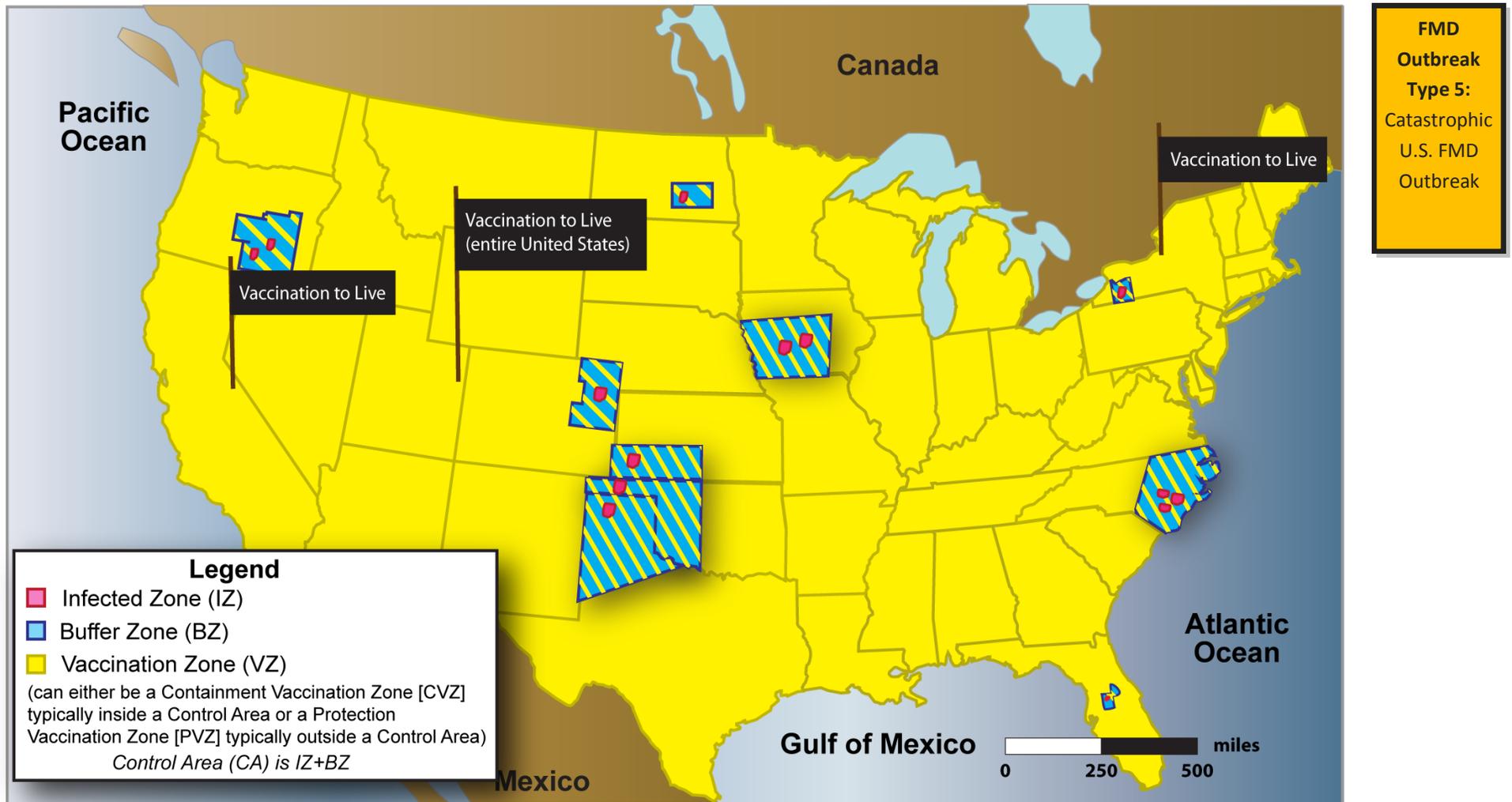
Example of Stamping-Out Modified with Emergency Vaccination to Live (Regional)

This map illustrates a stamping-out strategy, modified with emergency vaccination to live. This map is not prescriptive—it is only an illustration demonstrating the possibility of employing emergency vaccination to live in regions in the United States. In this example, the Infected Premises would be stamped-out, and there would be emergency vaccination outside (in Protection Vaccination Zones) the Control Areas. Emergency vaccinated animals would live out their intended useful lives.



Example of Stamping-Out Modified with Emergency Vaccination to Live (Large-Scale)

This map illustrates a stamping-out strategy, modified with emergency vaccination to live. This map is not prescriptive—it is only an illustration demonstrating the possibility of employing emergency vaccination to live across the entire United States. In this example, the Infected Premises would be stamped-out, and there would be emergency vaccination outside (in Protection Vaccination Zones) the Control Area. Emergency vaccinated animals would live out their intended useful lives.



Example of Emergency Vaccination to Live (No Stamping-Out)

This map illustrates an emergency vaccination to live strategy, where there is not stamping-out on the Infected Premises. This map is not prescriptive—it is only an illustration. In this example, emergency vaccination to live will be employed both inside (in Containment Vaccination Zones) and outside (in Protection Vaccination Zones) the Control Areas. Emergency vaccinated animals would live out their intended useful lives.