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## **Proposed Before the Michigan Commission of Agriculture July 21, 2009**

### **Establishment of Zones for Bovine Tuberculosis**

(Identification, Testing, Certificate, and Movement Requirements)

Pursuant to Public Act 466 of 1988, MCL 287.708 and MCL 287.709 (8-10)

**Failure to comply with requirements under this zoning order may result in penalties under MCL 287.744.**

#### **Definitions**

As used in this order the following terms are defined as:

“Freezer Beef Herd” means a cattle herd approved by the director that is comprised of less than 6 head in which no breeding of cattle occurs, no cattle are moved to any other premises, and all cattle are raised only for personal consumption.

“Initial Identification” means the first time an official identification is placed on an animal, whether it is for tuberculosis testing, complying with movement requirements, or any other reason.

“Michigan Licensed Livestock Auction Market” means a premises licensed as a livestock auction under Public Act 284 of 1937, as amended, MCL 287.121 – 287.131.

“USDA Approved Livestock Market” means a premises where livestock are assembled and that has been approved under Title 9, *Code of Federal Regulations* (9 CFR), Section 71.20.

“Verified Wildlife Risk Mitigation Plan” means a written plan that contains structural and management requirements intended to reduce the risk that a herd will become infected with bovine tuberculosis that has been approved by the Department and verified by regulatory personnel to be in effect.

#### **All Zones for Bovine Tuberculosis within Michigan**

##### **Livestock Inspection Check-Points**

All livestock transportation equipment (vehicles) and anyone transporting livestock shall stop at any posted Livestock and Plant Inspection Point. A person transporting cattle or privately owned cervidae shall produce documentation that contains the origin of shipment, registration or permit copies or documentation, documentation demonstrating shipping destination and any other information demonstrating compliance with livestock movement requirements, upon the request by a law enforcement officer or the director.

**Modified Accredited Zone (Infected Zone)** – This zone includes the entirety of Alcona, Alpena, Montmorency, Oscoda, and Presque Isle counties, and those portions of Iosco and Ogemaw counties that are north of the southernmost boundaries of the Huron National Forest and the Au Sable State Forest.

### **Cattle Identification Requirements**

Initial identification of cattle, including cattle identified for TB testing or issuance of movement certificates, must utilize an RFID electronic identification ear-tag. Official identification tags are premises specific and may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued. All cattle must be identified with official RFID electronic identification eartags prior to movement from a premises unless specifically exempted by the director.

### **Surveillance Testing Requirements**

Unless specifically exempted by the director, all cattle herds shall complete an annual whole herd bovine tuberculosis test of all cattle 12 months of age and older, all non-natural additions of any age, and all goats, bison, or privately owned cervids 6 months of age or older that are in contact with the herd. Retesting of herds must be done within 9-15 months of the anniversary date of the initial whole herd test.

Any cattle herds which meet the requirements to be designated as freezer beef herds are exempt from the annual testing requirement.

### **Movement Testing Requirements**

#### *Movement within the Modified Accredited Zone*

- Cattle must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Originate from a herd which has received a whole herd test within 60 days prior to movement, or,
  - c) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Calves less than 2 months of age may be moved if they originate from a herd that has completed a whole herd test within 12 months prior to movement.
- Steers or spayed heifers moving to a registered terminal operation, or between registered terminal operations are required to only have a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle may be moved to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, or through one Michigan licensed livestock auction market to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, without meeting tuberculosis movement testing requirements.

### *Movement to another Zone within Michigan*

- Cattle 2 months of age and older must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Originate from a herd that has received a negative whole herd bovine tuberculosis test within 12 months prior to movement, and receive a negative bovine tuberculosis test within 60 days prior to movement
- Steers or spayed heifers are required to only have a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 2 months of age may be moved if they originate from a herd that has completed a whole herd test within 12 months prior to movement.
- Cattle may be moved to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, or through one Michigan licensed livestock auction market to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, without meeting tuberculosis movement testing requirements.

### **Movement Certificate Requirements**

A person transporting cattle is responsible for having the movement certificate(s) accompany the load of cattle and shall produce the movement certificate(s) upon request of a law enforcement officer or the director.

An official movement certificate is required to be obtained prior to movement of any cattle from any premises unless specifically exempted by the director. Cattle moved to a USDA approved livestock market may receive an official movement certificate upon arrival if they are delivered within designated arrival times, as designated by the director. All cattle with a destination of a Michigan licensed livestock auction market must receive a new official movement certificate that identifies the final destination of movement.

**Modified Accredited Advanced Zone (Surveillance Zone)** – This zone includes the remainder of the Lower Peninsula of Michigan.

**Subzone 1** – This subzone includes the entirety of Antrim, Charlevoix, Cheboygan, Crawford, Emmet, and Otsego counties.

### **Cattle Identification**

Initial identification of cattle, including cattle identified for TB testing or issuance of movement certificates, must utilize an RFID electronic identification ear-tag. Official identification tags are premises specific may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued. All cattle must be identified with official RFID electronic identification ear-tags prior to movement from a premises within the Modified Accredited Advanced zone, unless being moved directly to a Michigan licensed livestock auction market, within the Modified Accredited Advanced Zone, provided that the cattle are identified with an RFID electronic identification ear-tag upon their arrival at the Michigan licensed livestock auction market, or unless specifically exempted by the director.

## **Surveillance Testing Requirements**

All cattle herds which sell or move to another premises one or more cattle on a movement certificate for the reason of BREEDING must complete an annual whole herd bovine tuberculosis test of all cattle 12 months of age and older, and all goats, bison, or privately owned cervids 6 months of age or older in contact with the herd, unless specifically exempted by the director. Retesting of herds must be done within 9-15 months of the anniversary date of the initial whole herd test.

Any cattle herds which do not sell or move to another premises animals other than directly to a federally inspected slaughter plant or through a Michigan licensed livestock auction market directly to a federally inspected slaughter plant will be tested on a 3 year interval as determined by the director.

All other cattle herds which move cattle that enter another livestock premises must complete a whole herd bovine tuberculosis test of all cattle 12 months of age and older, and all goats, bison, or privately owned cervids 6 months of age or older in contact with the herd every other year, unless specifically exempted by the director. Retesting of herds must be done within 21-27 months of the anniversary date of the initial whole herd test. The director will determine the date at which each herd must complete the first whole herd bovine tuberculosis test following the effective date of this order.

Any cattle herds which meet the requirements to be designated as freezer beef herds are exempt from surveillance testing.

## **Movement Testing Requirements**

### *Movement within the Modified Accredited Advanced Zone*

Cattle originating from herds that have been determined to have a Verified Wildlife Risk Mitigation Plan

- No TB testing required

Cattle originating from herds that have been determined to **NOT** have a Verified Wildlife Risk Mitigation Plan

- Cattle must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Calves less than 2 months of age may be moved if they originate from a herd that is determined to not be overdue on tuberculosis surveillance testing.
- Cattle may be moved to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, or through one Michigan licensed livestock auction market to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, without meeting tuberculosis movement testing requirements.

### *Movement to another Zone within Michigan*

Cattle originating from herds that have been determined to have a Verified Wildlife Risk Mitigation Plan

- Sexually intact cattle 6 months of age or older must meet one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 6 months of age, steers and spayed heifers of any age, or cattle moving to an United States Department of Agriculture Food Safety Inspection Service approved slaughter plant or through one Michigan licensed livestock auction market prior to movement to an United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, do not need to meet tuberculosis movement testing requirements prior to movement.
- Sexually intact heifers that are moving to an approved feedlot as defined in *Bovine Tuberculosis Eradication Uniform Methods and Rules, Effective January 1, 2005* do not need to meet tuberculosis movement testing requirements prior to movement.

Cattle originating from herds that have been determined to **NOT** have a verified Wildlife Risk Mitigation Plan

- Cattle 2 months of age and older must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Receive a negative bovine tuberculosis test within 60 days prior to movement
- Cattle may be moved to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, or through one Michigan licensed livestock auction market to a United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, without meeting tuberculosis movement testing requirements.

### **Movement Certificate Requirements**

A person transporting cattle is responsible for having the movement certificate(s) accompany the load of cattle and shall produce the movement certificate(s) upon request of a law enforcement officer or the director.

An official movement certificate is required to be obtained prior to movement of any cattle from any premises unless specifically exempted by the director. Cattle moved to a USDA approved livestock market may receive an official movement certificate upon arrival if they are delivered within designated arrival times. All cattle with a destination of a Michigan licensed livestock auction market must receive a new official movement certificate that identifies the final destination of movement.

**Subzones 2 and 3** – Subzone 2 consists of the entirety of Arenac, Clare, Gladwin, Grand Traverse, Kalkaska, Missaukee, Osceola, Roscommon, and Wexford counties, and those portions of Ogemaw and Iosco counties not included in the Modified Accredited zone. Subzone 3 consists of the remainder of the counties in Lower Michigan not included in the Modified Accredited zone and Modified Accredited Advanced zone Subzones 1 and 2.

### **Cattle Identification**

All cattle must be identified with official RFID electronic identification eartags prior to movement from a premises within Michigan, unless being moved directly to a Michigan licensed livestock auction market within the Modified Accredited Advanced Zone provided that the cattle are identified with an RFID electronic identification ear-tag upon their arrival at the Michigan licensed livestock auction market or unless specifically exempted by the director. Official identification tags are premises specific and may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued.

### **Surveillance Testing Requirements**

All cattle herds shall obtain a premises identification number, and be placed into a database from which herds will be selected for whole herd testing in a bovine TB surveillance program approved by the director. Selected cattle herds, or herds selected as a replacement for herds determined ineligible for testing, shall be subject to whole herd testing of all cattle in the herd 12 months of age and older, and all bison, goats, and privately owned cervids 6 months of age or older in contact with the herd. This testing shall occur within 90 days after the person responsible for herd management receives notification that a whole herd test under this surveillance program is due and necessary.

### **Movement Testing Requirements**

#### *Movement to another Zone within Michigan*

- Sexually intact cattle 6 months of age or older must meet one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 6 months of age, steers and spayed heifers of any age, or cattle moving to an United States Department of Agriculture Food Safety Inspection Service approved slaughter plant or through one Michigan licensed livestock auction market prior to movement to an United States Department of Agriculture Food Safety Inspection Service approved slaughter plant, do not need to meet tuberculosis movement testing requirements prior to movement.
- Sexually intact heifers that are moving to an approved feedlot as defined in *Bovine Tuberculosis Eradication Uniform Methods and Rules, Effective January 1, 2005* do not need to meet tuberculosis movement testing requirements prior to movement.

#### *Movement within the Modified Accredited Advanced Zone*

- No tuberculosis testing is required for movement of cattle within the zone, or through a Michigan licensed livestock auction market to a final destination within the zone.

### **Movement Certificate Requirements**

A person transporting cattle is responsible for having the movement certificate(s) accompany the load of cattle and shall produce the movement certificate(s) upon request of a law enforcement officer or the director.

#### *Movement within the Modified Accredited Advanced Zone*

- No official movement certificate is required for movement within the modified accredited advanced zone.

#### *Movement to another Zone within Michigan*

- An official movement certificate is required to be obtained prior to movement of any cattle to another zone within Michigan, unless specifically exempted by the director. Cattle moved to a USDA approved livestock market may receive an official movement certificate upon arrival if they are delivered within designated arrival times.

**Bovine Tuberculosis Free Zone (Disease Free Zone)** – This zone includes the entirety of the Upper Peninsula of Michigan.

### **Cattle Identification**

All cattle must be identified with official RFID electronic identification eartags prior to movement from a premises within Michigan, unless being moved to a Michigan licensed livestock auction market provided that the cattle are identified with an RFID electronic identification ear-tag upon their arrival at the Michigan licensed livestock auction market or unless specifically exempted by the director. Official identification tags are premises specific and may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued.

### **Surveillance Testing Requirements**

All cattle herds shall obtain a premises identification number, and be placed into a database from which herds will be selected for whole herd testing in a bovine TB surveillance program approved by the director. Selected cattle herds, or herds selected as a replacement for herds determined ineligible for testing, shall be subject to whole herd testing of all cattle in the herd 18 months of age and older, and all bison, goats, and privately owned cervids 6 months of age or older in contact with the herd. This testing shall occur within 90 days after the person responsible for herd management receives notification that a whole herd test under this surveillance program is due and necessary.

### **Movement Testing and Certificate Requirements**

No tuberculosis testing or official movement certificate is required to move within the bovine tuberculosis free zone, or to other zones within Michigan.

This order supersedes and replaces the order that established zones effective May 1, 2008.