

**CHAPTER 1705**  
**BOARD OF ANIMAL HEALTH**  
**DISEASES OF DOMESTIC ANIMALS**

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**1705.0640 DEFINITIONS.**

Subpart 1. **Board.** "Board" means the Board of Animal Health or its authorized agent.

Subp. 2. **Herd.** "Herd" means all cattle under common ownership or supervision that are grouped on one or more parts of a single premises or all cattle on two or more premises geographically separated but on which the cattle have been interchanged or where there has been contact of cattle between the premises.

Subp. 3: [Repealed, 10 SR 1852]

Subp. 4. **Owner.** "Owner" means the legal owner, his or her agents, and the person in possession of or caring for the cattle referred to.

Subp. 4a. **Positive.** An animal is "positive" if it is diagnosed positive by a recognized Johnin test, is positive to an agid test, a fecal culture test, or any other test approved by the board, or if paratuberculosis is diagnosed histopathologically at a laboratory approved by the board.

Subp. 5. [Repealed, 10 SR 1852]

Subp. 6. [Repealed, 10 SR 1852]

Subp. 7. [Repealed, 10 SR 1852]

Subp. 8. **Recognized test.** "Recognized test" means the cervical intradermal Johnin test, the caudal fold intradermal Johnin test, the intravenous Johnin test, the agar gel immunodiffusion (agid) test, the fecal culture test, or any other test approved by the board.

Subp. 8a. **Vaccinated cattle.** "Vaccinated cattle" means cattle vaccinated with the *Mycobacterium paratuberculosis* bacterin which is licensed by the United States Department of Agriculture according to the procedures specified in parts 1705.0640 to 1705.0732.

Subp. 9. **Veterinarian.** "Veterinarian" means a veterinarian licensed and accredited in Minnesota or a veterinarian employed by the United States Department of Agriculture.

**Statutory Authority:** *MS s 35.03*

**History:** *10 SR 1852*

**1705.0650** [Repealed, 10 SR 1852]

**1705.0660** [Repealed, 10 SR 1852]

**1705.0670 APPROVED TESTING PROCEDURES.**

Subpart 1. **Cervical intradermal Johnin test.** The cervical intradermal Johnin test must be made by injecting intradermally 0.1 cubic centimeters Johnin in a shaved or clipped cervical area and must be observed 48 hours later by vision and palpation. A visible or palpable thickening of the skin at the injection site constitutes a positive test.

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Subp. 2. **Caudal fold intradermal Johnin test.** The caudal fold intradermal Johnin test must be made by injecting intradermally 0.1 cubic centimeter Johnin in a cleaned caudal fold area and must be observed 72 hours later by vision and palpation. A visible or palpable thickening of the skin at the injection site constitutes a positive test.

Subp. 3. **Intravenous Johnin test.** The intravenous Johnin test must be made by injecting from two to three cubic centimeters Johnin intravenously in the jugular vein after a preinjection rectal temperature is recorded. The test must not be performed on cattle whose preinjection temperature exceeds 102.5 degrees Fahrenheit. Postinjection rectal temperatures must be taken at three, six, and nine hours. An animal is positive if the rectal temperature increases at least 1.5 degrees Fahrenheit and the final temperature reaches at least 103.2 degrees Fahrenheit.

Subp. 4. **Agid test.** The agid test must be made by a laboratory approved by the board using a serum sample submitted by a veterinarian or must be performed by a veterinarian using a United States Department of Agriculture licensed agid test kit.

Subp. 5. **Fecal culture test.** The fecal culture test must be made by collecting fecal material directly from the rectum using a separate sleeve for each animal and submitting the fecal sample to a laboratory approved by the board for culturing.

Subp. 6. **Tests by veterinarian.** All tests made for paratuberculosis must be made by a veterinarian.

**Statutory Authority:** *MS s 35.03*

**History:** *10 SR 1852*

1705.0680 [Repealed, 10 SR 1852]

1705.0690 [Repealed, 10 SR 1852]

1705.0700 [Repealed, 10 SR 1852]

1705.0710 [Repealed, 10 SR 1852]

## 1705.0720 IDENTIFICATION OF CATTLE.

Cattle tested must be individually identified by an official ear tag with the Minnesota prefix inserted in the right ear, by a tattoo, by a registry number, or by an ear tag inserted by the owner.

**Statutory Authority:** *MS s 35 03*

**History:** *10 SR 1852*

## 1705.0725 REPORTS OF RECOGNIZED TESTS.

Subpart 1. **Johnin or agid tests.** Johnin tests and the agid test must be reported to the board by the veterinarian who made the test within 14 days after observation of test results.

Subp. 2. **Serum or fecal tests.** A veterinarian submitting either serum or fecal samples to an approved laboratory for paratuberculosis testing must provide that laboratory completed official test charts in triplicate at the time of sample submission. The laboratory must report results of the test to the board.

**Statutory Authority:** *MS s 35 03*

**History:** *10 SR 1852*

## 1705.0726 SALE OF MYCOBACTERIUM PARATUBERCULOSIS BACTERIN.

Manufacturers, wholesalers, distributors, and other agencies may sell *Mycobacterium paratuberculosis* bacterin only to a veterinarian authorized by the board and must send a copy of each sale invoice to the board.

**Statutory Authority:** *MS s 35.03*

**History:** *10 SR 1852*

**1705.0727 REQUIREMENTS FOR USE OF MYCOBACTERIUM PARATUBERCULOSIS BACTERIN.**

*Mycobacterium paratuberculosis* bacterin may be used only when the following requirements are met:

A. The bacterin may be administered only by a veterinarian.

B. The bacterin may be used only in cattle herds in which one or more members of the herd are positive to the fecal culture test or the agid test, or have been diagnosed as infected by histopathological diagnosis at a laboratory approved by the board.

C. All cattle in the herd 24 months of age or over must be negative to a caudal fold intradermal tuberculin test made within 60 days prior to the vaccination starting date.

D. The bacterin may be used only in calves from one to 35 days of age.

E. Vaccinated calves must be identified pursuant to part 1705.0720. Vaccinated calves must be further identified by a tattoo in the left ear which includes a number representing the quarter of the year when the calf was vaccinated followed by the letter "J" followed by a number representing the year in which the calf was vaccinated.

F. The veterinarian must have a permit issued by the board for use of the bacterin in a specified herd.

G. A report of the vaccination must be submitted to the board within 14 days after the vaccine is administered.

**Statutory Authority:** *MS s 35.03*

**History:** *10 SR 1852*

**1705.0728 CERTIFICATION OF PARATUBERCULOSIS-FREE HERD.**

A herd may be certified paratuberculosis-free if the owner submits evidence of three consecutive negative tests made no less than 12 months apart on cattle 24 months of age and over in the herd. The first and second test may be the fecal culture or agid test. The third test must be a fecal culture test. The certified paratuberculosis-free herd status begins upon receipt by the board of the third negative fecal culture test results and expires 365 days later. The board will issue a paratuberculosis-free herd certificate which includes the beginning and ending dates of the certification period.

The paratuberculosis-free herd certification must be extended for one year after the expiration date in herds containing vaccinated cattle if the owner submits evidence of a negative fecal culture test on cattle 24 months of age or older in the herd. Herds not containing vaccinated cattle may submit evidence of either a negative fecal culture or a negative agid test on cattle 24 months of age or older in the herd. These tests may be made not more than two months before or not more than two months after the expiration date. The board may approve only other recognized laboratory tests for use in certifying and recertifying paratuberculosis-free herds.

An animal may not be represented as originating from a certified paratuberculosis-free herd unless it has been a member of the herd for at least 60 days and has been included on the most recent herd test.

A herd will lose its paratuberculosis-free herd certification if any cattle in the herd are positive to the fecal culture test or the agid test.

**Statutory Authority:** *MS s 35.03*

**History:** *10 SR 1852*

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1705.0730 [Repealed, 10 SR 1852]

**1705.0731 CLASSIFICATION OF HERDS OTHER THAN PARATUBERCULOSIS-FREE.**

Subpart 1. **Herd in process of becoming paratuberculosis-free.** A herd that is negative on the most recent fecal culture or agid test and for which the owner submits a herd plan in writing to establish a paratuberculosis-free herd is a herd in process of becoming paratuberculosis-free.

Subp. 2. **Paratuberculosis-positive program herd.** A herd in which any cattle were positive on the most recent fecal culture or agid test and for which the owner submits a herd plan in writing which documents that the owner is carrying out procedures to eliminate paratuberculosis from the herd is a paratuberculosis-positive program herd.

Subp. 3. **Paratuberculosis-positive herd.** A herd in which any cattle were positive on the most recent fecal culture or agid test and for which the owner has submitted no herd plan for eliminating paratuberculosis from the herd is a paratuberculosis-positive herd.

Subp. 4. **Paratuberculosis-unknown status herd.** A herd in which there has been no testing to determine the status of the herd is a paratuberculosis-unknown status herd.

**Statutory Authority:** *MS s. 35.03*

**History:** *10 SR 1852*

**1705.0732 COST OF TESTS AND VACCINATION.**

All tests and vaccinations must be done by a practicing veterinarian at the cattle owner's expense unless a veterinarian employed by the state or federal government is assigned by the board.

**Statutory Authority:** *MS s. 35.03*

**History:** *10 SR 1852*

**1705.0735 PREVIOUSLY ISSUED QUARANTINES.**

Quarantines issued under previous rules will be released when parts 1705.0640 to 1705.0735 become effective.

**Statutory Authority:** *MS s. 35.03*

**History:** *10 SR 1852*

1705.0740 [Repealed, 10 SR 1852]

1705.0750 [Repealed, 10 SR 1852]

1705.0760 [Repealed, 10 SR 1852]

1705.0770 [Repealed, 10 SR 1852]

1705.0780 [Repealed, 10 SR 1852]

1705.0790 [Repealed, 10 SR 1852]

1705.0800 [Repealed, 10 SR 1852]

1705.0810 [Repealed, 10 SR 1852]

1705.0820 [Repealed, 10 SR 1852]

1705.0830 [Repealed, 10 SR 1852]