

CHAPTER 1710
BOARD OF ANIMAL HEALTH
DISEASES OF POULTRY

**CONTROL AND ERADICATION OF
PULLORUM-TYPHOID DISEASE IN POULTRY
AND OTHER DOMESTICATED FOWL**

- 1710.0010 DEFINITIONS.
 - 1710.0020 SALE OF POULTRY, OTHER DOMESTICATED FOWL, AND HATCHING EGGS.
 - 1710.0030 DUCKLINGS, GOSLINGS, AND WATERFOWL HATCHING EGGS.
 - 1710.0040 PREVENTION OF CROSS-CONTAMINATION.
 - 1710.0050 MAINTENANCE ON SAME PREMISES.
 - 1710.0060 PERMITS.
 - 1710.0070 REVOCATION OR SUSPENSION OF PERMIT.
 - 1710.0080 HATCHERIES UNDER SAME OWNERSHIP, NAME, OR MANAGEMENT.
 - 1710.0090 FLOCK PARTICIPATION.
 - 1710.0100 SEGREGATION.
 - 1710.0110 QUALIFICATION ON INITIAL TEST.
 - 1710.0120 TESTING AGENTS.
 - 1710.0130 TEMPORARY AUTHORIZATION.
 - 1710.0140 RENEWAL; USE IN ADVERTISING; CANCELLATION.
 - 1710.0150 COST OF TESTING AND CONTROL.
 - 1710.0160 TEST PROCEDURES AND REQUIREMENTS.
 - 1710.0170 MINIMUM TESTING AGE.
 - 1710.0180 PULLORUM-TYPHOID DISEASE TESTS.
 - 1710.0190 ALTERNATE PROCEDURE.
 - 1710.0200 OTHER TESTS.
 - 1710.0210 QUALIFICATION FOR PULLORUM-TYPHOID DISEASE CLASSIFICATION.
 - 1710.0220 IDENTIFICATION.
 - 1710.0230 MONITORING PROCEDURES.
 - 1710.0240 REACTORS; QUARANTINES.
 - 1710.0250 RELEASE OF QUARANTINE.
 - 1710.0260 MAINTENANCE OF INFECTED FLOCK ON PREMISES.
 - 1710.0270 ADDITIONAL TESTING.
 - 1710.0280 TEST CHARTS AND OTHER FORMS.
 - 1710.0290 HATCHERY RESPONSIBILITIES.
 - 1710.0300 FLOCK OWNER RESPONSIBILITIES.
 - 1710.0310 ADVERTISING.
 - 1710.0320 COOPERATIVE STATE-FEDERAL POULTRY DISEASE PROGRAMS.
 - 1710.0330 POULTRY PRODUCTS PRODUCED UNDER STATE-FEDERAL PROGRAM.
 - 1710.0340 INTERPRETATION OF METHODS AND PROCEDURES.
- CONTROL OF MYCOPLASMA IN POULTRY**
- 1710.0550 DEFINITIONS.
 - 1710.0560 GENERAL PROVISIONS.
 - 1710.0570 MORE THAN ONE HATCHERY UNDER SAME NAME, OWNERSHIP, OR MANAGEMENT.
 - 1710.0580 PROHIBITIONS.
 - 1710.0590 FLOCK PARTICIPATION REQUIREMENTS.
 - 1710.0600 PRIMARY BREEDING FLOCKS.
 - 1710.0610 MULTIPLIER BREEDING FLOCKS.
 - 1710.0620 ADDITIONAL ANNUAL TESTING.
 - 1710.0630 IDENTIFICATION.
 - 1710.0640 MYCOPLASMA CONTROL PROGRAM.
 - 1710.0650 TESTING PROVISIONS.

- 1710.0660 MINIMUM TESTING AGE.
 - 1710.0670 OFFICIAL BLOOD SAMPLES.
 - 1710.0680 OFFICIAL TEST.
 - 1710.0690 TESTING FOR MYCOPLASMA DISEASE.
 - 1710.0700 REACTORS.
 - 1710.0710 POSITIVE FLOCKS.
 - 1710.0720 MINNESOTA MYCOPLASMA GALLISEPTICUM TESTED FLOCK.
 - 1710.0730 POULTRY AND HATCHING EGGS FROM MYCOPLASMA GALLISEPTICUM TESTED FLOCKS.
 - 1710.0740 MINNESOTA MYCOPLASMA GALLISEPTICUM TESTED HATCHERY.
 - 1710.0750 SEPARATE FACILITIES.
 - 1710.0760 FLOCK AND HATCHERY CLASSIFICATIONS.
 - 1710.0770 HATCHERY RESPONSIBILITIES.
 - 1710.0780 FLOCK OWNER RESPONSIBILITIES.
 - 1710.0790 ADVERTISING.
 - 1710.0800 NONPARTICIPANT.
 - 1710.0810 MYCOPLASMA GALLISEPTICUM TESTING SCHEDULE.
 - 1710.0820 MYCOPLASMA SYNOVIAE TESTING SCHEDULE.
 - 1710.0830 MYCOPLASMA MELIAGRIDIS TESTING SCHEDULE.
 - 1710.0840 INITIAL TEST.
 - 1710.0850 MONITORING TESTS.
 - 1710.0860 REACTORS.
 - 1710.0870 MYCOPLASMA GALLISEPTICUM PROGRAM.
 - 1710.0880 MYCOPLASMA SYNOVIAE AND MYCOPLASMA MELIAGRIDIS PROGRAMS.
- CONTROL OF SALMONELLA TYPHI-MURIUM DISEASE IN TURKEYS**
- 1710.0890 AUTHORITY.
 - 1710.0900 DEFINITIONS.
 - 1710.0910 SALMONELLA TYPHI-MURIUM DISEASE CONTROL PROGRAM.
 - 1710.0920 PROCEDURES.
 - 1710.0930 MORE THAN ONE HATCHERY UNDER SAME NAME, OWNERSHIP, OR MANAGEMENT.
 - 1710.0940 CERTIFICATES.
 - 1710.0950 CANCELLATION OF AGREEMENT.
 - 1710.0960 AUTHORIZED TESTING AGENTS.
 - 1710.0970 PERMANENT TESTING AUTHORIZATION.
 - 1710.0980 TEMPORARY TESTING AUTHORIZATION.
 - 1710.0990 AUTHORIZATIONS IN ADVERTISING.
 - 1710.1000 TESTING.
 - 1710.1010 OTHER TESTS.
 - 1710.1020 LABORATORY EXAMINATION.
 - 1710.1030 IDENTIFICATION OF SAMPLED BIRDS.
 - 1710.1040 COST OF TEST AND CONTROL.
 - 1710.1050 TIMING OF TEST.
 - 1710.1060 REACTORS.
 - 1710.1070 ISOLATION OF SALMONELLA TYPHI-MURIUM.
 - 1710.1080 EXPOSED BUILDINGS, EQUIPMENT, AND PREMISES.
 - 1710.1090 MANAGEMENT AND SANITATION CONTROL PROCEDURES.
 - 1710.1100 TEST CHARTS AND OTHER FORMS.
 - 1710.1110 MINNESOTA TYPHI-MURIUM TESTED FLOCK.

- 1710.1120 MINNESOTA TYPHI-MURIUM TESTED POULTS.
- 1710.1130 MINNESOTA TYPHI-MURIUM TESTED EGGS.
- 1710.1140 MINNESOTA TYPHI-MURIUM TESTED HATCHERY.
- 1710.1150 SEGREGATED HATCHERIES.
- 1710.1160 REMOVAL OF FLOCKS.
- 1710.1170 HATCHERY RESPONSIBILITIES.
- 1710.1180 FLOCK OWNER RESPONSIBILITIES.
- 1710.1190 -ADVERTISING.
- 1710.1200 NONPARTICIPANT.

- DEALING IN POULTRY BY DEALERS**
- 1710.1210 DEFINITIONS.
 - 1710.1220 PERMITS.
 - 1710.1230 SUSPENSION OR REVOCATION OF PERMITS.
 - 1710.1240 LIFTING SUSPENSION.
 - 1710.1250 REPORTING DISEASE.
 - 1710.1260 INSPECTION.
 - 1710.1270 PREMISES WHERE DEALING IS CONDUCTED.
 - 1710.1280 POULTRY CONTAINERS.
 - 1710.1290 RECORDS.

CONTROL AND ERADICATION OF PULLORUM-TYPHOID DISEASE IN POULTRY AND OTHER DOMESTICATED FOWL

1710.0010 DEFINITIONS.

Subpart 1. **Scope.** The following words and terms where used in these rules shall be defined as follows.

Subp. 2. **Authorized agent.** "Authorized agent" shall mean a person not employed by the board but designated and authorized to perform functions under these rules.

Subp. 3. **Board.** "Board" shall mean the Minnesota Board of Animal Health.

Subp. 4. **Flock.** "Flock" shall mean poultry or other domesticated fowl of one kind, breed, strain, or variety segregated and managed as one flock on one premises.

Subp. 5. **Flock owner.** "Flock owner" shall mean a person who owns or is in charge of a flock or flocks of poultry or other domesticated fowl.

Subp. 6. **Multiplier breeding flock.** "Multiplier breeding flock" shall mean a flock that originated from a primary breeding flock and is intended for the production of hatching eggs used for the purpose of producing progeny for commercial egg or meat production.

Subp. 7. **Official state agency.** "Official state agency" shall mean the board.

Subp. 8. **Other domesticated fowl.** "Other domesticated fowl" shall include waterfowl, pheasants, partridges, quail, guinea fowl, or wild birds maintained in captivity.

Subp. 9. **Person.** "Person" shall mean a natural person, firm, or corporation.

Subp. 10. **Plan.** "Plan" shall mean the National Poultry Improvement Plan and auxiliary provisions.

Subp. 11. **Poultry.** "Poultry" shall mean turkeys and chickens.

Subp. 12. **Primary breeding flock.** "Primary breeding flock" shall mean a flock composed of one or more generations that is maintained for the purpose of establishing, continuing, and improving parent lines.

Subp. 13. **Products.** "Products" shall mean domesticated fowl and hatching eggs.

Subp. 14. **State inspector.** "State inspector" shall mean a person employed by the board to perform functions under state-federal cooperative poultry disease programs and these rules.

Subp. 15. **Veterinarian.** "Veterinarian" shall mean a veterinarian licensed and accredited in Minnesota or a veterinarian employed by USDA.

Statutory Authority: *MS s 35.03*

1710.0020 SALE OF POULTRY, OTHER DOMESTICATED FOWL, AND HATCHING EGGS.

No person shall sell, offer for sale, purchase, or trade poultry or other domesticated fowl less than the minimum testing age stipulated in part 1710.0170, and their hatching eggs unless they originate from flocks and hatcheries operating under the supervision of the board and these rules.

Statutory Authority: *MS s 35.03*

1710.0030 DUCKLINGS, GOSLINGS, AND WATERFOWL HATCHING EGGS.

A person may purchase, sell, offer to sell, or trade ducklings, goslings, and waterfowl hatching eggs not having a pullorum-typhoid classification provided such products originate from hatcheries or premises where only waterfowl are hatched and handled. Hatcheries operating in this manner must obtain a permit and shall be subject to inspection by agents of the board.

Statutory Authority: *MS s 35.03*

1710.0040 PREVENTION OF CROSS-CONTAMINATION.

Hatcheries hatching and handling poultry and other domesticated fowl or their hatching eggs shall not hatch and handle waterfowl unless such waterfowl qualify for a pullorum-typhoid disease classification or unless the hatchery is constructed to permit separate handling and hatching to prevent cross-contamination and then only at the discretion of the board.

Statutory Authority: *MS s 35.03*

1710.0050 MAINTENANCE ON SAME PREMISES.

Nothing in parts 1710.0020 to 1710.0040 shall apply to a person hatching eggs originating from a poultry or other domesticated fowl breeding flock owned by such person on a farm premises provided the hatching eggs and progeny are maintained on the same premises and not offered for sale. Poultry and other domesticated fowl raised and maintained under the provisions of this part can be removed for shipment to slaughter only unless those over four months of age are tested and found negative to the pullorum-typhoid test.

Statutory Authority: *MS s 35.03*

1710.0060 PERMITS.

No person shall conduct and operate buildings and equipment for the purpose of incubating and hatching eggs and otherwise handling, brooding, and selling poults, chicks, ducklings, goslings, and progeny of other domesticated fowl, except as provided in part 1710.0050 of these rules and parts 1710.1210 to 1710.1240, unless a permit is first obtained from the board. A completed and signed application must be on file in the office of the board together with a satisfactory inspection report before a permit can be issued. The permit shall be valid until September 1 following date of issue unless revoked.

Statutory Authority: *MS s 35.03*

1710.0070 REVOCATION OR SUSPENSION OF PERMIT.

Failure on the part of any person to comply with the terms of the hatchery permit and these rules shall be grounds for initiating proceedings to determine if the permit should be revoked or suspended.

Statutory Authority: *MS s 35.03*

1710.0080 HATCHERIES UNDER SAME OWNERSHIP, NAME, OR MANAGEMENT.

When more than one hatchery located within the state is operated under the same ownership, name, or management, one or more of such hatcheries cannot participate in official poultry disease control programs unless all participate. All such hatcheries must attain and maintain the same classifications.

Statutory Authority: *MS s 35.03*

1710.0090 FLOCK PARTICIPATION.

All flocks of turkeys, chickens, and other domesticated fowl composed of birds that have reached the minimum testing age described in part 1710.0170, to be used for breeding and under the board's supervision, except as provided in parts 1710.0030, 1710.0050, and 1715.0140, shall be tested for pullorum-typhoid

1710.0090 DISEASES OF POULTRY

1468

disease using an officially approved method and procedure in accordance with these rules: provided, the test may not be required if it is determined by the board that flocks of turkeys, chickens, and other domesticated fowl qualify without a test under a cooperative state-federal program.

Statutory Authority: *MS s 35.03*

1710.0100 SEGREGATION.

One or more but less than all species of poultry and other domesticated fowl under supervision and on the same premises may be tested, provided those tested have been segregated from those not tested in a manner satisfactory to the board for a period of 21 days before the test is applied and remain so segregated while the tested flock is under supervision.

Statutory Authority: *MS s 35.03*

1710.0110 QUALIFICATION ON INITIAL TEST.

Flocks of poultry and other domesticated fowl may qualify on the initial test if no reactors are disclosed, provided the birds so tested originate from previously qualified flocks. The qualifying test is to be conducted within six months prior to the first gathering of eggs for hatching purposes.

Statutory Authority: *MS s 35.03*

1710.0120 TESTING AGENTS.

A veterinarian who desires to conduct official tests for pullorum-typhoid disease or collect blood samples must make application to the board for approval.

A person who desires to become an authorized testing or blood collecting agent shall comply with the following: attend a program training course; perform satisfactory work at a field school; and obtain and use test equipment and antigen approved by the board.

Statutory Authority: *MS s 35.03*

1710.0130 TEMPORARY AUTHORIZATION.

A temporary testing and blood collecting authorization may be issued under extenuating circumstances upon recommendation by a veterinarian employed by the board.

Statutory Authority: *MS s 35.03*

1710.0140 RENEWAL; USE IN ADVERTISING; CANCELLATION.

Testing and blood collecting authorizations shall be renewed each year, shall not be used for advertising purposes in any manner, and may be canceled by the board if the agent fails to comply with these rules or performs unsatisfactory work.

Statutory Authority: *MS s 35.03*

1710.0150 COST OF TESTING AND CONTROL.

The cost of pullorum-typhoid testing and control rendered by persons other than employees of the board shall be paid by the flock owner or hatchery owner in accordance with an agreement reached between the authorized testing agent rendering the service and those to whom the service is rendered.

Statutory Authority: *MS s 35.03*

1710.0160 TEST PROCEDURES AND REQUIREMENTS.

All tests and antigens used in the control and eradication of pullorum-typhoid disease shall be approved by the board.

Statutory Authority: *MS s 35.03*

1710.0170 MINIMUM TESTING AGE.

All poultry and other domesticated fowl tested shall be at the minimum testing age described below; provided, such age limits may be adjusted with board approval to avoid conflict with age requirement changes made in cooperative state-federal programs.

A. Turkeys and chickens; over four months of age.

B. Other domesticated fowl; over four months of age or, in some game birds, when they reach sexual maturity.

Statutory Authority: *MS s 35.03*

1710.0180 PULLORUM-TYPHOID DISEASE TESTS.

The official tests in the control and eradication of pullorum-typhoid disease in poultry and other domesticated fowl shall be as follows:

A. Turkeys: the standard tube agglutination test, the rapid serum plate test, or the micro-agglutination test. All tests can be used singly or in combination with other approved and compatible antigens.

B. Chickens and other domesticated fowl: the standard tube agglutination test, the rapid whole blood plate test, the rapid serum plate test, or the micro-agglutination test. All tests can be used singly or in combination with other approved and compatible antigens.

Statutory Authority: *MS s 35.03*

1710.0190 ALTERNATE PROCEDURE.

Bacteriological examination of cull baby poultry and other domesticated fowl, pipped eggs, dead in shell, or hatcher fluff may be used as an alternate procedure to testing adult breeders for monitoring purposes.

Statutory Authority: *MS s 35.03*

1710.0200 OTHER TESTS.

The board may approve the use of other tests or combination of tests provided they are demonstrated to be more or equally efficient as those already in use for detecting pullorum-typhoid infection.

Statutory Authority: *MS s 35.03*

1710.0210 QUALIFICATION FOR PULLORUM-TYPHOID DISEASE CLASSIFICATION.

A flock composed of birds originating from a previously qualified flock can qualify for a pullorum-typhoid disease classification by using one of the following procedures: 100 percent negative test on all birds in flock; or five percent negative sample test or a negative sample test on 100 birds, whichever is greater; or two 100 percent negative tests conducted not less than 21 days apart on a flock known to be infected with pullorum-typhoid disease; or meets requirements outlined in cooperative state-federal program for control and eradication of pullorum-typhoid disease.

Statutory Authority: *MS s 35.03*

1710.0220 IDENTIFICATION.

Subpart 1. Turkeys. Turkeys shall be identified in accordance with parts 1710.0890 to 1710.1200.

Subp. 2. Chickens. All birds tested shall be identified with a leg or wing band or identified with a stain or dye in lieu of bands. All identifying material shall be approved by the board before used.

Subp. 3. Exhibition and game birds. All birds tested shall be identified with an approved leg or wing band.

Statutory Authority: *MS s 35.03*

1710.0230 DISEASES OF POULTRY

1470

1710.0230 MONITORING PROCEDURES.

Check testing or other acceptable monitoring procedures may be ordered by the board or carried out by board employees to determine existence of pullorum-typhoid infection or to comply with requirements necessary to maintain a state or area pullorum-typhoid classification.

Statutory Authority: *MS s 35.03*

1710.0240 REACTORS; QUARANTINES.

Flocks in which pullorum-typhoid reactors are disclosed shall be quarantined. Pullorum-typhoid reactors identified with a leg or wing band may be submitted to an official laboratory under permit to determine if the flock is infected. The official laboratory or the district veterinarian shall designate the number of reactors to be submitted. If no pullorum or typhoid isolation is made, the flock shall be considered negative.

Statutory Authority: *MS s 35.03*

1710.0250 RELEASE OF QUARANTINE.

If the flock is determined to be infected with pullorum-typhoid disease, the quarantine will remain in effect until released under one of the following conditions: retested with two 100 percent negative tests conducted not less than 21 days apart on a flock known to be infected with pullorum-typhoid disease; or entire flock shipped for slaughter under a permit and premises carefully cleaned and disinfected under official supervision.

Statutory Authority: *MS s 35.03*

1710.0260 MAINTENANCE OF INFECTED FLOCK ON PREMISES.

If an infected flock is to be maintained on the premises under quarantine and used for purposes other than the production of hatching eggs, all contact male birds and all reactors must be shipped to slaughter under permit within ten days from date reactors were disclosed. When remainder of flock is shipped to slaughter under permit, the premises shall be carefully cleaned and disinfected under official supervision.

Statutory Authority: *MS s 35.03*

1710.0270 ADDITIONAL TESTING.

Additional testing may be conducted or other protective measures applied to an infected flock and the premises if deemed necessary by the board to prevent spread or to comply with requirements necessary to maintain a state or area pullorum-typhoid classification.

Statutory Authority: *MS s 35.03*

1710.0280 TEST CHARTS AND OTHER FORMS.

All tests, retests, check tests, and monitoring tests shall be recorded on an official test chart furnished by the board and submitted within ten days following completion of the test. Shipping permits shall be used to report transfer of reactors to the laboratory or shipment of an infected flock to slaughter. The original of all forms, except a quarantine, shall be submitted to the board.

Statutory Authority: *MS s 35.03*

1710.0290 HATCHERY RESPONSIBILITIES.

Hatchery management shall: not hatch or custom hatch eggs unless they originate from pullorum-typhoid clean sources; identify hatching eggs as to source; clean and disinfect incubator trays and hatcher trays after each set and hatch; clean and fumigate incubators and hatcher after each hatch; fumigate or sanitize hatching eggs using a recognized procedure; maintain incubator rooms, brooder rooms, and other hatchery areas in a sanitary condition, and isolate

brooder room in a manner satisfactory to the board; and permit inspection of buildings and equipment at any reasonable time by agents of the board.

Statutory Authority: *MS s 35.03*

1710.0300 FLOCK OWNER RESPONSIBILITIES.

Flock owner shall: maintain poultry buildings and premises in a sanitary condition; fumigate or sanitize hatching eggs as soon after gathering as possible; maintain identity of hatching eggs; use only new egg cases or clean used cases that have been fumigated; isolate and test upon return any fowl removed from the premises for any purpose; and permit inspection of flocks, buildings, and premises at any reasonable time by agents of the board.

Statutory Authority: *MS s 35.03*

1710.0310 ADVERTISING.

All advertising referring to pullorum-typhoid control and eradication shall be approved by the board. The advertiser shall use only the classification which his poultry, other domesticated fowl flocks, and hatchery have attained. Any reference in advertising to pullorum-typhoid testing by a hatchery or flock owner not participating in a program which provides for official disease classifications must be approved by the board.

Statutory Authority: *MS s 35.03*

1710.0320 COOPERATIVE STATE-FEDERAL POULTRY DISEASE PROGRAMS.

The board may participate with an appropriate federal agency in the control and eradication of pullorum-typhoid disease through a memorandum of understanding.

A Minnesota hatchery or flock signed up for participation in a cooperative state-federal program for the control and eradication of pullorum-typhoid disease shall comply with all applicable provisions of the program for obtaining and maintaining program disease classifications agreed upon.

Statutory Authority: *MS s 35.03*

1710.0330 POULTRY PRODUCTS PRODUCED UNDER STATE-FEDERAL PROGRAM.

Poultry products produced under a state-federal cooperative disease program and these rules shall lose their identity when consigned to or received by a nonparticipant.

Statutory Authority: *MS s 35.03*

1710.0340 INTERPRETATION OF METHODS AND PROCEDURES.

If there is conflict or misunderstanding in the interpretation of methods and procedures between these rules and the rule covering cooperative state-federal programs, other than those that are specific to obtaining and maintaining a program disease classification, the rules of the board shall prevail.

Statutory Authority: *MS s 35.03*

1710.0350 [Rescinded]

1710.0360 [Rescinded]

1710.0370 [Rescinded]

1710.0380 [Rescinded]

1710.0390 [Rescinded]

1710.0400 [Rescinded]

1710.0410 [Rescinded]

1710.0420 [Rescinded]

1710.0430 [Rescinded]

1710.0440 [Rescinded]

1710.0450 [Rescinded]

1710.0460 [Rescinded]

1710.0470 [Rescinded]

1710.0480 [Rescinded]

1710.0490 [Rescinded]

1710.0500 [Rescinded]

1710.0510 [Rescinded]

1710.0520 [Rescinded]

1710.0530 [Rescinded]

1710.0540 [Rescinded]

CONTROL OF MYCOPLASMA IN POULTRY

1710.0550 DEFINITIONS.

Subpart 1. **Authorized agent.** "Authorized agent" shall mean a person not employed by the board but designated and authorized to perform functions under these rules.

Subp. 2. **Board.** "Board" shall mean the Minnesota Board of Animal Health.

Subp. 3. **Flock.** "Flock" shall mean poultry maintained and segregated as one group of birds on one premises.

Subp. 4. **Hatchery.** "Hatchery" shall mean buildings and equipment on one premise operated or controlled for the production of poultry.

Subp. 5. **Hatching egg dealer.** "Hatching egg dealer" shall mean a person, firm, or corporation in the business of selling, trading, or exchanging poultry hatching eggs owned by them or for participating flock owners, independent flock owners, or other hatcheries.

Subp. 6. **Multiplier breeding flock.** "Multiplier breeding flock" shall mean a flock originating from a primary breeding flock and is intended for the production of hatching eggs used for the purpose of producing progeny for commercial egg or meat production or for other nonbreeding purposes.

Subp. 7. **Other poultry.** "Other poultry" shall include pheasants, partridges, guinea fowl, quail, and other domesticated fowl, or wild fowl maintained in captivity.

Subp. 8. **Person.** "Person" shall mean an individual, firm, or corporation.

Subp. 9. **Poultry.** "Poultry" shall mean turkeys, chickens, and other poultry.

Subp. 10. **Primary breeding flock.** "Primary breeding flock" shall mean a flock composed of one or more generations that is maintained for the purpose of establishing, continuing, or improving parent lines.

Subp. 11. **Products.** "Products" shall mean domesticated fowl and hatching eggs.

Subp. 12. **Turkeys.** "Turkeys" when used in these rules shall mean and include wild turkeys maintained in captivity.

Subp. 13. **Veterinarian.** "Veterinarian" shall mean a veterinarian licensed and accredited in Minnesota.

Statutory Authority: *MS s 35.03*

1710.0560 GENERAL PROVISIONS.

The Mycoplasma control program shall be administered on a voluntary basis, except as provided in part 1710.0580, and any flock owner, hatcheryman, or hatching egg dealer may participate provided they comply with the following procedures:

A. files a signed agreement with the board for participation and complies with these rules; and

B. has not violated the terms of the above signed agreement or these rules resulting in cancellation until such time has elapsed as the board shall consider sufficient for reinstatement.

Statutory Authority: *MS s 35.03*

1710.0570 MORE THAN ONE HATCHERY UNDER SAME NAME, OWNERSHIP, OR MANAGEMENT.

When more than one hatchery located within the state is operated under the same name, ownership, or management, one or more of these hatcheries shall not participate in the Mycoplasma control program unless all participate and all such hatcheries shall attain and maintain the same disease classifications.

Statutory Authority: *MS s 35.03*

1710.0580 PROHIBITIONS.

No person shall purchase, sell, or trade turkey poults under four months of age, and no person shall purchase, sell, or trade turkey hatching eggs unless they originate in and are distributed from flocks, hatcheries, or dealers under the supervision of the board for the control of Mycoplasma gallisepticum disease and are classified as Minnesota Mycoplasma gallisepticum tested or of a comparable Mycoplasma gallisepticum status.

Statutory Authority: *MS s 35.03*

1710.0590 FLOCK PARTICIPATION REQUIREMENTS.

A poultry breeding flock shall not be selected from a flock or flocks having a history of or showing signs of a respiratory infection known to be egg-transmitted.

Statutory Authority: *MS s 35.03*

1710.0600 PRIMARY BREEDING FLOCKS.

When applicable for obtaining a U.S. disease classification under these rules, primary breeding flocks participating in the Mycoplasma control program shall have been tested and found negative for two generations.

Statutory Authority: *MS s 35.03*

1710.0610 MULTIPLIER BREEDING FLOCKS.

When applicable for obtaining a U.S. disease classification under these rules, multiplier breeding flocks participating in the Mycoplasma control program shall have originated from tested and clean primary breeding flocks.

Statutory Authority: *MS s 35.03*

1710.0620 ADDITIONAL ANNUAL TESTING.

When a participating turkey flock is recycled and held over for a second or third egg production period, the board reserves the right to determine if additional annual testing for Mycoplasma is needed to retain the Mycoplasma disease classification(s).

Statutory Authority: *MS s 35.03*

1710.0630 IDENTIFICATION.

All birds from which a blood sample is collected shall be identified with an official leg or wing band or other acceptable identification approved by the board at the time the samples are collected.

Statutory Authority: *MS s 35.03*

1710.0640 MYCOPLASMA CONTROL PROGRAM.

Poultry flocks signed up for participation in the Mycoplasma control program shall be raised and managed with special attention to the following:

- A. establish a sound security program restricting movement of unauthorized visitors on the premises;
- B. provide workers with clean footwear and place footbaths in appropriate places;
- C. prevent mechanical disease transmission from outside sources such as vehicles and equipment;
- D. establish a work pattern to avoid cross-contamination between flocks;
- E. dispose of dead birds frequently and properly;
- F. minimize the presence of free-flying birds;
- G. keep rodent population, other pests, and predators under control;
- H. keep accurate records of death losses;
- I. clean and disinfect poultry house before a new flock is placed;
- J. adopt and maintain a clean egg program; and
- K. seek veterinary assistance when signs of disease occur.

Statutory Authority: *MS s 35.03*

1710.0650 TESTING PROVISIONS.

All tests and antigens used in the control of mycoplasma shall be approved by the board.

Statutory Authority: *MS s 35.03*

1710.0660 MINIMUM TESTING AGE.

All poultry signed up for participation under parts 1710.0560 to 1710.0580 shall be at the minimum testing age described below; provided, such age limits may be adjusted with board approval to avoid conflict with cooperative program changes.

- A. turkeys and chickens, over four months of age.
- B. other poultry, over four months of age or, in some game birds when they reach sexual maturity.

Statutory Authority: *MS s 35.03*

1710.0670 OFFICIAL BLOOD SAMPLES.

Only authorized agents and veterinarians are to collect official blood samples under these rules. The samples shall be submitted to an approved laboratory accompanied by an official test form on which all requested information is recorded. The test form shall be signed by the flock owner under witness and the authorized testing agent.

Statutory Authority: *MS s 35.03*

1710.0680 OFFICIAL TEST.

The official test shall be the serum plate test or the standard tube agglutination test with either to be used in conjunction with the HI test.

Statutory Authority: *MS s 35.03*

1710.0690 TESTING FOR MYCOPLASMA DISEASE.

Testing for Mycoplasma disease shall be done in accordance with part 1710.0810, Mycoplasma gallisepticum testing schedule; part 1710.0820, Mycoplasma synoviae testing schedule; and parts 1710.0830 to 1710.0850, Mycoplasma meliagridis testing schedule. Hatchery owners and flock owners may sign up for participation on a voluntary basis under test schedules in part 1710.0820 and/or 1710.0830 to 1710.0850 provided they meet and follow all other applicable provisions in this rule for the control of Mycoplasma, particularly Mycoplasma gallisepticum.

Statutory Authority: *MS s 35.03*

1710.0700 REACTORS.

Flocks in which reactors are disclosed shall be handled in accordance with procedures outlined in part 1710.0860.

Statutory Authority: *MS s 35.03*

1710.0710 POSITIVE FLOCKS.

Positive flocks shall be handled in accordance with parts 1710.0870 and 1710.0880.

Statutory Authority: *MS s 35.03*

1710.0720 MINNESOTA MYCOPLASMA GALLISEPTICUM TESTED FLOCK.

A Minnesota Mycoplasma gallisepticum tested flock is a flock which, when officially tested for Mycoplasma gallisepticum in an official laboratory under supervision of the board, contained no reactors to the Mycoplasma gallisepticum antigen, or a suspicious flock that is eventually declared to have no reactors after additional tests and bacteriological examinations are made. The qualifying test shall be made within six months prior to first sale of hatching eggs. The above classification shall not be issued to any flock with clinical signs of Mycoplasma gallisepticum infection. Only birds of the same or comparable classification may be added to a Minnesota Mycoplasma gallisepticum tested flock.

Statutory Authority: *MS s 35.03*

1710.0730 POULTRY AND HATCHING EGGS FROM MYCOPLASMA GALLISEPTICUM TESTED FLOCKS.

Poultry and hatching eggs originating from Mycoplasma gallisepticum tested flocks may receive the same classification provided they are handled, hatched, and reared separate and apart from other hatching eggs and poultry not so classified.

Statutory Authority: *MS s 35.03*

1710.0740 MINNESOTA MYCOPLASMA GALLISEPTICUM TESTED HATCHERY.

A Minnesota Mycoplasma gallisepticum tested hatchery is one operating under the supervision of the board and with the exceptions provided for in part 1710.0750, hatching and handling only eggs and poultry originating from Minnesota Mycoplasma gallisepticum tested flocks or from flocks of comparable status.

Statutory Authority: *MS s 35.03*

1710.0750 SEPARATE FACILITIES.

If separate facilities satisfactory to the board for complete isolation are available, eggs from flocks not under this program or eggs from other species of poultry may be incubated and hatched, provided the products of such eggs are not sold and are maintained in complete segregation from poultry hatched from eggs originating in Minnesota Mycoplasma gallisepticum tested flocks or flocks

1710.0750 DISEASES OF POULTRY

1476

of comparable status. A thorough cleaning, disinfection, and fumigation program shall be conducted on all hatchery equipment prior to setting other eggs.

Statutory Authority: *MS s 35.03*

1710.0760 FLOCK AND HATCHERY CLASSIFICATIONS.

Flock and hatchery classifications signed up for, obtained, and maintained under any of the Mycoplasma test schedules may be issued under the same provisions as those for Mycoplasma gallisepticum naming the specific type or strain of Mycoplasma for which the flock was tested and for which the hatchery qualifies.

Statutory Authority: *MS s 35.03*

1710.0770 HATCHERY RESPONSIBILITIES.

The hatchery management shall:

- A. permit inspection of buildings, equipment and poultry products contained therein at any reasonable time by agents of the board;
- B. maintain identity of hatching eggs as to flock and place of origin;
- C. keep hatchery and incubator room well isolated from battery room;
- D. practice recommended procedures for fumigation of incubators and hatchers;
- E. use only new egg cases or used egg cases that are clean and have been fumigated between each use; and
- F. maintain available and adequate records to show origin of all hatching eggs and destination of poults sold for the current year and one year previous.

Statutory Authority: *MS s 35.03*

1710.0780 FLOCK OWNER RESPONSIBILITIES.

The flock owner shall:

- A. maintain poultry buildings and premises in a sanitary condition.;
- B. permit inspection of flock and premises at any reasonable time by agents of the board, and submit flock for collection of additional blood samples if deemed necessary;
- C. avoid raising other poultry and farm animals on premises unless well segregated;
- D. report immediately to a disease control official when any respiratory signs appear in the flock; and
- E. refrain from using any drug that will mask the results of serological tests or bacteriological recovery of Mycoplasma.

Statutory Authority: *MS s 35.03*

1710.0790 ADVERTISING.

All advertising using official terminology or any portion thereof referring to the Mycoplasma disease control program shall be submitted to the board for review and approval. Such advertising shall comply with the following items:

- A. The advertiser shall use only the classification which his birds, flocks, or hatchery have attained under these rules.
- B. All advertising shall specify the disease tested for, prefacing the word "tested" with "Minnesota Mycoplasma gallisepticum" or other specific Mycoplasma strains for which the hatchery or flock qualify.

Statutory Authority: *MS s 35.03*

1710.0800 NONPARTICIPANT.

Products produced under these rules shall lose their identity when purchased for resale or consigned to a nonparticipant. A nonparticipant may not use the official terminology.

Statutory Authority: *MS s 35.03*

MINNESOTA RULES 1989

1477

DISEASES OF POULTRY 1710.0820

1710.0810 MYCOPLASMA GALLISEPTICUM TESTING SCHEDULE.

Species	Initial Test	To Retain Classification
Turkey Primary and Multiplier	10 percent or minimum of 300 per flock	Keep flock isolated Make one inspection No Mycoplasma infection disclosed
Chicken (egg & meat) Primary	*100 percent or 500 per flock	**5 percent each 90 days with 500 maximum - 100 minimum
Multiplier	50 percent with 200 maximum - 30 minimum	2 percent each 90 days (100 maximum - 30 minimum) or 25 cull chicks each 30 days (bacteria exam) or ***100 chick serums each 60 days
Exhibition-game Primary	100 percent or 300 per flock	Same as chicken
Multiplier	Same as chicken	Same as chicken

*100 percent test to be used on multiplier flocks *not* originating from clean primary flocks.

**Can be cumulative by testing fewer at more frequent intervals but must total five percent within the 90 days.

***This monitoring procedure is limited to egg type breeding flocks.

Statutory Authority: *MS s 35.03*

1710.0820 MYCOPLASMA SYNOVIAE TESTING SCHEDULE.

This test schedule is to be used under a voluntary agreement and is designed mainly to determine if a flock is free of *Mycoplasma synoviae* infection and to provide a means whereby available state and/or federal disease classifications can be obtained.

Species	Initial Test	To Retain Classification
Turkey Primary	100 percent or minimum of 500 per flock	10 percent or minimum of 300 per flock at 32 to 34 weeks of age and keep flock isolated
Multiplier	10 percent or minimum of 300 per flock	Make one inspection No Mycoplasma infection disclosed
Chicken (egg & meat) Primary	*5 percent 500 maximum - 30 minimum	**3 percent each 90 days with 500 maximum - 30 minimum
Multiplier	1 percent 100 maximum - 30 minimum	1 percent each 90 days with 60 maximum - 30 minimum

Exhibition-game

Primary

Same as chicken

Same as chicken

Multiplier

Same as chicken

Same as chicken

*Five percent test to be used on multiplier flocks *not* originating from clean primary flocks.

**Can be cumulative by testing fewer at more frequent intervals but must total three percent within the 90 days and not less than 30 at one time.

Statutory Authority: *MS s 35.03*

1710.0830 MYCOPLASMA MELIAGRIDIS TESTING SCHEDULE.

This test schedule is to be used for turkey breeding flocks only and is designed mainly to determine if a flock is free of *Mycoplasma meliagridis* infection. Numbers tested at any given time can be adjusted to make this determination in either primary or multiplier flocks.

Statutory Authority: *MS s 35.03*

1710.0840 INITIAL TEST.

Test 100 percent or at least 500 per flock. Use samples submitted for other tests.

Statutory Authority: *MS s 35.03*

1710.0850 MONITORING TESTS.

Test 100 percent or at least 300 per flock at 28 to 30 weeks of age or at time of first insemination. Test 100 percent or at least 300 per flock at mid-production (approximately 40 to 42 weeks) or at marketing time or if flock shows respiratory signs.

Statutory Authority: *MS s 35.03*

1710.0860 REACTORS.

Reactors to any of the *Mycoplasma* tests shall be handled using scheme below to determine if flock is positive or negative. Reactors are designated using HI titer of 1 to 40 as being significant for *Mycoplasma gallisepticum* and 1 to 20 for *Mycoplasma synoviae* and *Mycoplasma meliagridis*.

MG Reactors

MS and MM reactors

At least 5 reactors to laboratory

If reactors are disclosed:

(a) Cultural exam for *Mycoplasma*

Collect 100 blood samples

(b) Necropsy for air sac lesions

Collect 100 tracheal swabs

(c) Supplementary serology

Resample reactors if possible

If (a) is positive identify isolate by FAT, GIT or bird inoculation. If isolate is MG, flock is positive.

Run serology and identify any *Mycoplasma* isolates by FAT, GIT or bird inoculation. If identified as MS or MM flock is positive

If (a) negative (b) and/or (c) positive

100 sample retest (serology)

100 tracheal swabs (culture)

*Additional testing as needed

*Additional testing as needed

*If serology is suspicious for *Mycoplasma gallisepticum* and *Mycoplasma synoviae* and neither is isolated, continue serology and cultural exams until flock is determined to be positive or negative.

Statutory Authority: *MS s 35.03*

1710.0870 MYCOPLASMA GALLISEPTICUM PROGRAM.

Flocks participating under the *Mycoplasma gallisepticum* program and designated as positive for *Mycoplasma gallisepticum* shall be handled as follows:

A. Turkey flocks, to include small groups or pairs of wild and fancy type turkeys, shall be placed under quarantine and not used for the production of hatching eggs in order to be in compliance with part 1710.0580. The quarantine shall remain in effect until the flock is shipped to slaughter under permit or disposed of in a manner satisfactory to the board.

B. Chicken and other poultry flocks shall be placed under quarantine and it is recommended that they shall not be used for the production of hatching eggs in order for hatchery to maintain its *Mycoplasma gallisepticum* disease classification. The quarantine shall remain in effect until the flock is shipped to slaughter, disposed of in a manner satisfactory to the board or program participation is discontinued upon request in writing.

Statutory Authority: *MS s 35.03*

1710.0880 MYCOPLASMA SYNOVIAE AND MYCOPLASMA MELIAGRIDIS PROGRAMS.

Flocks participating under the *Mycoplasma synoviae* and/or *Mycoplasma meliagridis* program and designated as positive for *Mycoplasma synoviae*, *Mycoplasma meliagridis*, or both shall be handled as follows. Turkey, chicken, and other poultry flocks shall be handled in such a manner as to carry out the intent of these two programs by pursuing the following objectives:

A. handle flocks designated as positive by not using hatching eggs or practice flock management procedures to avoid hatchery contamination and transmission to other poultry;

B. differentiate between *Mycoplasma synoviae* and *Mycoplasma gallisepticum* infection;

C. monitor negative flocks as required;

D. keep records on incidence and pattern of both diseases; and

E. issue *Mycoplasma* disease classifications when applicable.

Statutory Authority: *MS s 35.03*

CONTROL OF SALMONELLA TYPHI-MURIUM DISEASE IN TURKEYS

1710.0890 AUTHORITY.

Pursuant to Minnesota Statutes, sections 14.05 to 14.36 and 35.03, and Laws of Minnesota 1969, chapter 8, the Board of Animal Health hereby adopts the following rules.

Statutory Authority: *MS s 35.03*

1710.0900 DEFINITIONS.

Subpart 1. **Scope.** The following words and terms where used in these rules shall be defined as follows.

Subp. 2. **Authorized agent.** "Authorized agent" means a person not employed by the board, but designated and authorized to perform functions under the plan and these rules.

Subp. 3. **Board.** "Board" means the Board of Animal Health.

Subp. 4. **Flock.** "Flock" means all turkeys of one kind, breed, or variety

1710.0900 DISEASES OF POULTRY

1480

maintained and segregated as one flock on one premise, wherein all birds in such flock will be maintained on such premises for the egg production season.

Subp. 5. **Flock owner.** "Flock owner" means a person owning or in charge of a flock or flocks of turkeys and participating under the plan and these rules.

Subp. 6. **Hatchery.** "Hatchery" means buildings and equipment on one premises operated or controlled for the production of turkeys.

Subp. 7. **Nonparticipant.** "Nonparticipant" means a person who has not signed an agreement with the board or whose agreement has expired or has been canceled.

Subp. 8. **Official state agency.** "Official state agency" means the board.

Subp. 9. **Other poultry.** "Other poultry" means and include chickens, pheasants, partridges, guinea fowl, pigeons, and other domesticated fowl, or wild fowl maintained in captivity.

Subp. 10. **Participant.** "Participant" means a person who has signed an agreement with the board, and which agreement has not expired or has not been canceled.

Subp. 11. **Person.** "Person" means a natural person, firm, or corporation.

Subp. 12. **Plan.** "Plan" means the National Turkey Improvement Plan.

Subp. 13. **Products.** "Products" means domesticated fowl and hatching eggs.

Subp. 14. **Segregated flock.** "Segregated flock" means a flock kept separate and apart in a manner satisfactory to the board from other untested turkeys, other species of poultry and other animals for a period of 21 days.

Subp. 15. **State inspector.** "State inspector" means a person employed by the board to perform functions under the plan and these rules.

Statutory Authority: *MS s 35.03*

1710.0910 SALMONELLA TYPHI-MURIUM DISEASE CONTROL PROGRAM.

The Salmonella typhi-murium disease control program shall be administered on a voluntary basis. In order to participate, the flock or hatchery must qualify for a U.S. pullorum-typhoid clean classification.

Statutory Authority: *MS s 35.03*

1710.0920 PROCEDURES.

Any flock or hatchery may be placed under supervision of the board for the control of Salmonella typhi-murium disease providing the owner or manager of such flock or hatchery complies with the following procedures:

A. files a signed agreement with the board and complies with these rules; and

B. has not violated the terms of the above agreement or these rules resulting in cancellation until such time has elapsed as the board shall consider sufficient for reinstatement.

Statutory Authority: *MS s 35.03*

1710.0930 MORE THAN ONE HATCHERY UNDER SAME NAME, OWNERSHIP, OR MANAGEMENT.

When more than one hatchery located within the state is operated under the same name, ownership, or management, one or more of these hatcheries cannot participate in the Salmonella typhi-murium disease control program unless all participate. All such hatcheries must attain and maintain the same classification.

Statutory Authority: *MS s 35.03*

1710.0940 CERTIFICATES.

Compliance with the terms of the agreement in part 1710.0920 and these

rules will entitle the flock or hatchery owner to a certificate indicating the official status of his flock or hatchery with regard to Salmonella typhi-murium disease and said certificate shall be valid for one year after date of qualifying test unless revoked.

Statutory Authority: *MS s 35.03*

1710.0950 CANCELLATION OF AGREEMENT.

Failure on the part of a flock or hatchery owner to comply with the terms of the agreement and/or these rules shall be grounds for cancellation of said agreement and all certificates issued to such owner by the board. Such cancellation shall become effective after notice by the board to such owner by certified mail. On owner's request, made within ten days after receipt of sale notice, the owner shall be given a hearing by the board at the next regular meeting, to show cause why the canceled agreement and certificates should be reinstated, and shall be notified immediately after such hearing of the final action of the board.

Statutory Authority: *MS s 35.03*

1710.0960 AUTHORIZED TESTING AGENTS.

Any veterinarian desiring to collect turkey blood samples for the purpose of Salmonella typhi-murium testing must make application to the board for a permit. Any person, other than a veterinarian, can obtain a testing authorization by making application to the board.

Statutory Authority: *MS s 35.03*

1710.0970 PERMANENT TESTING AUTHORIZATION.

An authorized testing agent is one qualified to collect turkey blood samples for official Salmonella typhi-murium testing and can obtain each authorization as follows: attend a training short course together with field instructions and pass both successfully. This is a permanent type testing authorization issued on an annual basis.

Statutory Authority: *MS s 35.03*

1710.0980 TEMPORARY TESTING AUTHORIZATION.

A temporary testing authorization can be obtained by passing field instructions only provided the candidate agrees to attend the training course the following year. This authorization can be issued for one season only.

Statutory Authority: *MS s 35.03*

1710.0990 AUTHORIZATIONS IN ADVERTISING.

The testing authorizations shall not be used for advertising purposes in any manner. If at anytime the authorized agent fails to comply with these rules or the blood collecting is found to be unsatisfactory, his authorization may be canceled by the board.

Statutory Authority: *MS s 35.03*

1710.1000 TESTING.

Turkey breeding flocks under the board's supervision for the control of pullorum-typhoid disease may be tested for Salmonella typhi-murium disease using one of the following approved methods of testing. All turkeys in such flocks must be at least four months of age and segregated:

A. a 100 percent blood test using the standard tube agglutination method;
or

B. a combination of a 500-sample blood test using the standard tube agglutination method together with an examination of 500 fecal swabs. The sample of birds tested shall be a representative sample drawn on a pro rata basis from all pens or units of the flock provided that if males and females are

1710.1000 DISEASES OF POULTRY

1482

commingled, the sample selected must include all male turkeys selected for breeding purposes. In addition, a rectal swab shall be taken from each bird that was blood sampled. The rectal swabs may be combined in a single tube in multiples of five or in other combinations that are deemed practical and efficient.

Statutory Authority: *MS s 35.03*

1710.1010 OTHER TESTS.

The board may approve the use of other tests including other combinations of blood sample and fecal swab collection provided such procedures are comparable to the applicable requirements described in the National Turkey Improvement Plan for obtaining the typhi-murium disease classification.

Statutory Authority: *MS s 35.03*

1710.1020 LABORATORY EXAMINATION.

Blood samples and rectal swabs shall be submitted to a laboratory approved by the board for testing and bacteriological examination accompanied with a completed official test form signed by an authorized agent. The blood samples shall be tested using either a combination pullorum-typhi-murium antigen or the single typhi-murium antigen. Other combination or single antigens may be used only if approved by the board. The rectal swabs shall be examined using an officially recognized procedure for the isolation of *Salmonellae* and *Arizona paracolon* microorganisms. If no serological reactors are disclosed and no salmonella isolations are made from the rectal swabs, the flock shall be considered negative and qualify for the *Salmonella typhi-murium* tested classification and the typhi-murium disease classification of the National Turkey Improvement Plan.

Statutory Authority: *MS s 35.03*

1710.1030 IDENTIFICATION OF SAMPLED BIRDS.

All birds from which blood samples and fecal swabs are collected shall be identified with an official leg or wing band or other acceptable identification approved by the board at the time the collections are made.

Statutory Authority: *MS s 35.03*

1710.1040 COST OF TEST AND CONTROL.

The cost of *Salmonella typhi-murium* testing and control rendered by persons other than employees of the board shall be paid by the flock owner, or the owner of the hatchery, in accordance with an agreement reached between the testing agent rendering the service and those to whom the service is rendered.

Statutory Authority: *MS s 35.03*

1710.1050 TIMING OF TEST.

The qualifying test must be made within six months prior to the first sale of hatching eggs.

Statutory Authority: *MS s 35.03*

1710.1060 REACTORS.

Reactors to the serological test shall be submitted to a laboratory approved by the board for bacteriological examination within ten days from date of reading the test. The number to be submitted shall be determined by the veterinarian in charge of the testing laboratory.

Statutory Authority: *MS s 35.03*

1710.1070 ISOLATION OF SALMONELLA TYPHI-MURIUM.

If *Salmonella typhi-murium* is isolated from any of the reactor birds, fecal swabs, or both, the flock shall not be used for the production of hatching eggs.

The board, however, may allow such an infected flock to be maintained under close surveillance without a designated disease classification in order to salvage valuable genetic lines in accordance with an outlined procedure for obtaining groups of poults free from disease using whatever tests are deemed necessary to make this determination. In the event of an epidemic of typhi-murium infection in breeding flocks due to imported stock or other unknown cause which would make it arbitrary to carry out the full intent of these rules, the board may, at its discretion, develop and carry out a monitoring testing procedure on infected flocks and in the hatchery in cooperation with poultry disease epidemiologists and maintain supervision over placement of poults originating from such flocks until such time as the epidemic has subsided; provided, that the board cannot issue a typhi-murium disease classification on such flocks or to the hatchery incubating and hatching eggs from such flocks until all the birds in the infected flocks pass two clean consecutive negative blood tests conducted not less than 21 days apart together with a negative examination on a sampling of fecal swabs.

Statutory Authority: *MS s 35.03*

1710.1080 EXPOSED BUILDINGS, EQUIPMENT, AND PREMISES.

All buildings, equipment, and premises exposed by or to a flock or products of a flock infected with *Salmonella typhi-murium* shall be cleaned and disinfected under official supervision.

Statutory Authority: *MS s 35.03*

1710.1090 MANAGEMENT AND SANITATION CONTROL PROCEDURES.

If *A. paracolon* or *Salmonellae* other than *Salmonella typhi-murium*, *Salmonella pullorum*, and *Salmonella gallinarum* are recovered from the reactor birds, fecal swabs, or both, the flock can be maintained for the production of hatching eggs; provided that the hatchery and flock owner initiate an egg handling, premise management, and hatchery sanitation program in accordance with the National Poultry and Turkey Improvement Plans and auxiliary provisions, part 147, subpart D, 147.31 to 147.35 for the production period. A monitoring program using blood samples, fecal swabs, poults, litter, pips, dead embryo, cloacal squeezings, and hatchery fluff may be set up by the board to assist in evaluating the management and sanitation control procedures.

Statutory Authority: *MS s 35.03*

1710.1100 TEST CHARTS AND OTHER FORMS.

All tests and retests with *Salmonella typhi-murium* or other *Salmonella* antigens shall be reported to the board within ten days following completion of such tests. All tests and retests for *Salmonella typhi-murium* disease shall be properly recorded in triplicate on official test charts and submitted to the laboratory with the blood samples. If reactors are disclosed, a shipping permit shall be issued by the veterinarian in charge of the laboratory and a copy sent to both the board and to the hatcheryman. The shipping permit shall be countersigned by persons receiving reactors and immediately forwarded to the board.

Statutory Authority: *MS s 35.03*

1710.1110 MINNESOTA TYPHI-MURIUM TESTED FLOCK.

A Minnesota typhi-murium tested flock is one which qualifies under the applicable provisions described in part 1710.1020 or under part 1710.1070. When the test procedures and other requirements for obtaining this classification are deemed to be comparable with those described in the National Turkey Improvement Plan for obtaining the U.S. typhi-murium classification, the board may allow the use of either or both classifications. Only birds of the same classification may be added to a Minnesota typhi-murium tested flock and then only after approval by the board.

Statutory Authority: *MS s 35.03*

1710.1120 MINNESOTA TYPHI-MURIUM TESTED POULTS.

Minnesota typhi-murium tested poult are those which are hatched in a Minnesota typhi-murium tested hatchery from eggs produced by Minnesota typhi-murium tested flocks or by flocks of comparable status.

Statutory Authority: *MS s 35.03*

1710.1130 MINNESOTA TYPHI-MURIUM TESTED EGGS.

Minnesota typhi-murium tested eggs are eggs produced by a Minnesota typhi-murium tested flock.

Statutory Authority: *MS s 35.03*

1710.1140 MINNESOTA TYPHI-MURIUM TESTED HATCHERY.

Minnesota typhi-murium tested hatchery is one operating under the supervision of the board and with the exceptions provided in part 1710.1150, hatching only eggs from flocks under official supervision which have met the requirement of Minnesota typhi-murium tested flocks or from flocks in other states whose typhi-murium disease classification is obtained by meeting testing requirements and other flock and hatchery management procedures comparable to those required for participating Minnesota flocks and hatcheries and such determination shall be made by the board.

Statutory Authority: *MS s 35.03*

1710.1150 SEGREGATED HATCHERIES.

If facilities satisfactory to the board for complete segregation are available, eggs from flocks not under supervision or eggs from other species of poultry may be incubated and the products from such incubated eggs hatched and brooded in a Minnesota typhi-murium tested hatchery, provided such eggs are incubated and hatched in separate machines from eggs produced by Minnesota typhi-murium tested flocks, and the products of such eggs are maintained in complete segregation from the poult hatched from eggs originating in Minnesota typhi-murium tested flocks.

Statutory Authority: *MS s 35.03*

1710.1160 REMOVAL OF FLOCKS.

Flocks qualifying herein for the purpose of testing and receiving a disease classification may be moved, or divided and moved, to other premises only after permission by the board.

Statutory Authority: *MS s 35.03*

1710.1170 HATCHERY RESPONSIBILITIES.

The hatchery management shall:

A. advise all flock owners of the importance of sanitation and make frequent inspections to be sure sanitation practices as outlined in part 1710.1180 are complied with;

B. permit inspection of buildings and equipment at any reasonable time by agents of the board;

C. maintain identity of hatching eggs;

D. keep hatchery and incubator room well isolated from battery room;
and

E. be sure that all hatching eggs originating from participating flocks and other sources are free from dirt and fecal material and all such eggs are fumigated at time of setting, or prior to setting, and at time of transfer from incubator to hatcher or hatching trays using procedures recommended by the board. Only new egg cases shall be used in the transfer of eggs from one participating hatchery or egg agency to another participating hatchery or egg agency. Egg cases used by

flock owners of a participating hatchery shall be fumigated between each use and be maintained in a sanitary condition.

Statutory Authority: *MS s 35.03*

1710.1180 FLOCK OWNER RESPONSIBILITIES.

Flock owner shall:

- A. maintain poultry buildings and premises in a sanitary condition;
- B. provide sufficient nests to ensure maximum egg cleanliness and decrease loss from breakage;
- C. collect eggs at frequent intervals to avoid unnecessary contamination;
- D. eliminate animal disease carriers such as rats and mice and discourage the presence of free-flying birds;
- E. avoid raising other farm animals on same premises where a participating flock is being maintained unless well segregated;
- F. use only new egg cases or only those cases that have not been used by another flock owner; and
- G. have officially tested upon return, any birds removed from the premises for any purpose whatsoever. If reactors are disclosed, retesting must be conducted to the satisfaction of the board to meet the *Salmonella typhi-murium* tested classification.

Statutory Authority: *MS s 35.03*

1710.1190 ADVERTISING.

All advertising using official terminology or any portion thereof referring to *Salmonella typhi-murium* disease control shall be submitted to the board for review and approval. Such advertising shall comply with the following items:

- A. The advertiser shall use only the classification which his birds, flocks, or hatchery have attained under these rules and regulations.
- B. All advertising shall specify the disease tested for, prefacing the word "tested" with "Minnesota typhi-murium."
- C. The use of official terminology or any portion thereof of *Salmonella typhi-murium* control is limited to hatching eggs, or poults that meet at least the minimum requirements of the particular classification advertised.

Statutory Authority: *MS s 35.03*

1710.1200 NONPARTICIPANT.

Products produced under these rules shall lose their identity when said products are purchased for resale or consigned to a nonparticipant.

A nonparticipant may not use the official terminology or any portion thereof of *Salmonella typhi-murium* control.

Statutory Authority: *MS s 35.03*

DEALING IN POULTRY BY DEALERS

1710.1210 DEFINITIONS.

Subpart 1. Scope. The following words and phrases shall have the meaning shown below when used in these rules, except when clearly indicated otherwise.

Subp. 2. Board. "Board" shall mean the Board of Animal Health.

Subp. 3. Deal and dealing. "Deal" and "dealing" shall refer to the purchase and resale, for any purpose except immediate slaughter, of any live poultry not owned by the seller since the hatching of such poultry. "Deal" and "dealing" shall not include or refer to the purchase, sale, or distribution of hatching eggs, nor the sale or distribution of poultry hatched from eggs purchased or otherwise acquired and in the possession of the seller when such poultry was hatched.

1710.1210 DISEASES OF POULTRY

1486

Subp. 4. Dealer. "Dealer" shall mean any person, firm, association, partnership, or corporation engaged in dealing in poultry as above defined.

Subp. 5. Poultry. "Poultry" shall mean and refer to chickens, turkeys, ducks, geese, guinea fowl, pigeons, and any other domestic birds.

Statutory Authority: *MS s 35.03*

1710.1220 PERMITS.

No dealer shall engage in the business of dealing in poultry under five months of age in Minnesota unless he holds a valid permit from the board. Permits will be issued by the board to any dealer when he complies with the following requirements: files an application with the board on a form furnished by the board, setting forth the name and address of the dealer and the exact location where the business of dealing in poultry will be conducted; when the premises of the dealer and the vehicles, if any, used by such dealer for the transportation of poultry have been inspected and approved by a representative of the board; all permits shall expire on November 30th following the date issued.

Statutory Authority: *MS s 35.03*

1710.1230 SUSPENSION OR REVOCATION OF PERMITS.

Any permit may be suspended or revoked by the board when an authorized representative of the board reports, after investigation, that proper sanitation in the handling of poultry is not observed or that sick poultry are maintained on the premises or that poultry sold or distributed from such premises have shown symptoms of Newcastle disease within ten days, or any other infectious communicable disease within five days after removal from such premises.

Statutory Authority: *MS s 35.03*

1710.1240 LIFTING SUSPENSION.

The suspension shall not be lifted nor a new permit issued until all sick or exposed birds have been slaughtered and properly disposed of or have recovered and are no longer a source of infection to other poultry with which they may come in contact, and the dealer's premises have been thoroughly cleaned and disinfected.

Statutory Authority: *MS s 35.03*

1710.1250 REPORTING DISEASE.

Whenever poultry on the premises of any dealer show symptoms of an infectious communicable disease or when any person who has purchased poultry from such dealer reports to the dealer that such poultry has shown symptoms of newcastle disease within ten days, or of other infectious communicable disease within five days after removal from the dealer's premises, the dealer shall immediately report such fact to the board. All poultry showing symptoms of an infectious communicable disease and all poultry exposed thereto or to the poultry which have sickened immediately following removal from the premises of the dealer shall be treated as under quarantine and shall not be sold nor removed from the premises of the dealer until permission is received from the board.

Statutory Authority: *MS s 35.03*

1710.1260 INSPECTION.

Whenever a dealer reports the existence of an infectious communicable disease of poultry on his premises, or when any purchaser reports to the board that poultry obtained from the dealer has shown symptoms of Newcastle disease within ten days, or of other infectious communicable disease within five days after removal from the dealer's premises, an investigation may be made by a representative of the board who shall instruct the dealer as to the disposition of the sick or exposed poultry, supervise the cleaning and disinfection of the

premises, and establish a quarantine on the premises when, in his opinion, such quarantine is necessary.

Statutory Authority: *MS s 35.03*

1710.1270 PREMISES WHERE DEALING IS CONDUCTED.

The premises where dealing is conducted and the poultry thereon shall be subject to inspection by a representative of the board at all times and may be inspected upon demand.

Statutory Authority: *MS s 35.03*

1710.1280 POULTRY CONTAINERS.

Subpart 1. **Distribution from dealer's premises.** No poultry shall be sold or distributed from a dealer's premises except in new and unused chick boxes, crates, or other containers unless such boxes, crates, or containers are so constructed that they can be cleaned and disinfected satisfactorily. If so constructed, they shall be cleaned and disinfected satisfactorily before poultry is placed therein for removal from the dealer's premises.

Subp. 2. **Receipt at dealer's premises.** All chick boxes, crates, or other containers in which poultry is received at the dealer's premises shall be destroyed by fire immediately after removal of the poultry therefrom unless such boxes, crates, or containers are so constructed that they can be cleaned and disinfected satisfactorily, in which case they shall be so cleaned and disinfected before leaving the dealer's premises.

Statutory Authority: *MS s 35.03*

1710.1290 RECORDS.

Each dealer shall keep complete records of each sale of poultry under five months of age, and such records shall be available for inspection by any authorized representative of the board upon request. The records shall include: name and address of person from whom purchased; name and address of person to whom sold; number, breed, sex, and age of poultry in each transaction.

Statutory Authority: *MS s 35.03*