

1 Board of Animal Health

2

3 Adopted Permanent Rules Relating to Pseudorabies Control

4

5 Rules as Adopted

6 1705.2400 DEFINITIONS.

7 [For text of subpart 1, see M.R.]

8 Subp. 1a. **All out status.** "All out status" describes a
9 management method by which all swine on a premises have been
10 marketed or otherwise disposed of and the structures that housed
11 all the swine have been cleaned and disinfected or have been
12 free of any swine for at least 30 days.

13 Subp. 1b. **Approved offspring segregation plan.** "Approved
14 offspring segregation plan" means a plan by which swine are
15 weaned and isolated from the herd of origin under the direction
16 of the board.

17 [For text of subps 2 to 3b, see M.R.]

18 Subp. 3d. **Finishing herd.** "Finishing herd" means a herd
19 of feeder swine being raised on premises where there are no
20 breeding swine. For purposes of blood testing, swine must be in
21 the herd for at least 30 days.

22 [For text of subps 4 to 5b, see M.R.]

23 Subp. 5c. **Monitoring sample.** "Monitoring sample" means a
24 herd sampling procedure as follows:

25 A. if breeding swine are present, and there are:
26 (1) fewer than 11 breeding swine, test all;
27 (2) 11 to 35 breeding swine, test ten; or
28 (3) 36 or more breeding swine, test 30 percent or
29 30 head, whichever is lower; or

30 B. if no breeding swine are present, and there are:
31 (1) fewer than 11 feeder swine, test all; or
32 (2) 11 or more feeder swine, test ten.

33 [For text of subp 6, see M.R.]

34 Subp. 6b. **Owner's notice of shipment.** "Owner's notice of
35 shipment" refers to the form provided by the board to the owners

1 of all quarantined herds at the time of quarantine which is used
2 to accompany the movement of quarantined animals.

3 [For text of subps 7 to 9, see M.R.]

4 Subp. 10. **Restricted-movement swine.** "Restricted-movement
5 swine" means breeding or feeding swine sold in Minnesota through
6 a swine concentration point.

7 [For text of subps 11 to 15, see M.R.]

8 1705.2430 INFECTED HERD QUARANTINE AND DISPOSAL PROCEDURES.

9 [For text of subpart 1, see M.R.]

10 Subp. 2. **Epidemiological investigation.** If species of
11 animals other than swine have been diagnosed as having
12 pseudorabies, the state or federal district veterinarian shall
13 conduct an epidemiological investigation of any swine on the
14 premises. The investigation must include blood testing of a
15 monitoring sample of the swine herd. The owner shall pay the
16 fees associated with this testing unless state funds are
17 available for this purpose. If pseudorabies reactors are
18 disclosed, or if the owner refuses to cooperate in carrying out
19 the test, the swine herd must be quarantined in accordance with
20 the quarantine procedures of this part.

21 Subp. 3. **Permitted disposal.** Swine from a quarantined
22 herd must be disposed of pursuant to item A or B.

23 A. Market or breeding swine or other infected or
24 exposed species may only be sold for slaughter via a federally
25 approved slaughter market, public stockyard, packer buying
26 station, or directly to a slaughter plant accompanied by an
27 owner's notice of shipment.

28 B. Feeder pigs may only be sold, loaned, leased, or
29 moved for custom/contract feeding to an approved premises and
30 must be accompanied by an owner's notice of shipment. The
31 approved premises must be a feedlot where purchased quarantined
32 swine can be fed out in isolation from other domestic animals
33 and where a state or federal veterinarian has determined that no
34 breeding swine are on the premises, and the feedlot owner agrees
35 to sell all the swine from the feedlot directly for slaughter

1 accompanied by an owner's notice of shipment.

2 [For text of item C, see M.R.]

3 Subp. 4. **Movement to another location.** If movement is
4 otherwise allowable under parts 1705.2400 to 1705.2530,
5 quarantined swine may be moved from their farm of origin to
6 another location only with the prior approval of the district
7 veterinarian. The new location may not be within the northern
8 zone or within two miles of a qualified or controlled vaccinated
9 herd. The new location must be quarantined by the district
10 veterinarian and subject to the same restrictions as the
11 original quarantined premises. All of the swine that are moved
12 except for those under an approved offspring segregation plan
13 must be vaccinated for pseudorabies and the herd must be on an
14 official herd cleanup plan.

15 1705.2434 APPROVED PREMISES PROCEDURES.

16 Subpart 1. **Qualifications.** No person may accept feeder
17 swine from quarantined herds for purposes of feeding them out
18 unless a permit is obtained from the board. A person seeking a
19 permit must agree to provide the board's representative access
20 during business hours to the feedlot and records required by
21 this part. The board shall grant an approved premises permit
22 when otherwise authorized by this part. The permit allows the
23 person to whom it is issued to obtain feeder pigs from
24 quarantined herds and feed them out. The approved premises must
25 comply with the following requirements:

26 [For text of items A to E, see M.R.]

27 F. Hogs must be sold directly to slaughter
28 accompanied by an owner's notice of shipment as required in part
29 1705.2430, subpart 3, item A. One copy must be sent to the
30 board.

31 [For text of item G, see M.R.]

32 [For text of subps 2 to 5, see M.R.]

33 1705.2440 RELEASE OF QUARANTINE.

34 Subpart 1. **Methods.** Swine herd quarantine release may be
35 accomplished by any of the methods in items A to D.

1 A. Depopulation; repopulation: The entire herd may
2 be sold to slaughter accompanied by an owner's notice of
3 shipment. The premises must be cleaned and disinfected under
4 the direction of the board. The quarantine must be released 30
5 days after completion of the cleaning and disinfection. If
6 cleaning and disinfection are not done, the hog facility may
7 stand empty for 12 months and the quarantine must then be
8 released.

9 [For text of item B, see M.R.]

10 C. Offspring segregation: Under an approved
11 offspring segregation plan, progeny of a quarantined herd may be
12 moved to a premises different from that of the herd of origin,
13 and themselves be quarantined. All of these pigs must be tested
14 for pseudorabies no sooner than 30 days after the isolation. If
15 100 percent of these tests are negative for pseudorabies, the
16 quarantine on the progeny herd must be released.

17 [For text of item D, see M.R.]

18 [For text of subps 2 to 5, see M.R.]

19 1705.2450 PSEUDORABIES TRACE TO SOURCE OR DESTINATION HERDS.

20 [For text of subpart 1, see M.R.]

21 Subp. 2. Pseudorabies diagnosed in recently purchased
22 swine. If pseudorabies is diagnosed in breeding or feeder swine
23 which have been purchased from or sold to another swine producer
24 within the preceding 12 months, the board shall require a
25 pseudorabies test of a monitoring sample of the herd of the
26 seller or buyer.

27 [For text of subps 3 and 4, see M.R.]

28 1705.2460 INTRASTATE MOVEMENT OF BREEDING SWINE.

29 Subpart 1. Health certificate. No person may sell, lease,
30 exhibit, loan, or move for contract farrowing any breeding swine
31 within the state except to slaughter unless the swine are
32 accompanied by a health certificate or test chart provided by
33 the seller which includes:

34 A. identification by an eartag, tattoo, brand, or ear
35 notch recognized by a breed association; and

1 [For text of item B, see M.R.]

2 Subp. 2. **Restricted-movement classification.** Breeding
3 swine sold through a swine concentration point are
4 restricted-movement breeding swine.

5 [For text of subps 3 to 7, see M.R.]

6 Subp. 8. **Other restricted-movement swine.** All swine which
7 are maintained in contact with restricted-movement breeding
8 swine in the herd of destination are also restricted-movement
9 swine.

10 Swine classified as restricted-movement swine because of
11 exposure to restricted-movement breeding swine may not be resold
12 except to slaughter unless they are tested negative to
13 pseudorabies pursuant to subpart 7.

14 [For text of subp 9, see M.R.]

15 1705.2470 INTRASTATE MOVEMENT OF FEEDER PIGS.

16 [For text of subpart 1, see M.R.]

17 Subp. 2. [See repealer.]

18 Subp. 2a. **Movement into northern zone.** Feeder pigs may
19 only be moved into the northern zone, as described in part
20 1705.2472, subpart 1, if they otherwise meet the requirements of
21 this part.

22 [For text of subps 3 to 6, see M.R.]

23 1705.2472 CONTROL AND ERADICATION OF PSEUDORABIES.

24 Subpart 1. **Zoning of state.** For purposes of controlling
25 the spread of pseudorabies and eventually eradicating the
26 disease, the state is divided into two zones, a northern zone
27 and a southern zone. The northern zone includes the counties of
28 Washington, Ramsey, Hennepin, Wright, Meeker, Kandiyohi,
29 Chippewa, Swift, Big Stone, and all counties to the north of
30 them. The southern zone includes all counties not included in
31 the northern zone.

32 Subp. 2. **Testing requirements.**

33 A. **Negative test before movement.** Feeder swine
34 moving from the premises of origin must test negative for
35 pseudorabies within 30 days prior to movement unless they

1 originate from one of the following source herds:

- 2 (1) pseudorabies-monitored herd;
3 (2) qualified pseudorabies-negative herd;
4 (3) pseudorabies-controlled vaccinated herd; or
5 (4) Stages III, IV, or V low-prevalence
6 pseudorabies areas.

7 C. Proof of origin. Proof of the status or location
8 of the herd of origin of all feeder pigs sold through a swine
9 concentration point must be submitted to the sales management by
10 the owner or the dealer who brings them in for sale.

11 D. Feeder pig identification. All feeder pigs sold
12 must be identified with a metal eartag or a legible pseudorabies
13 monitored herd number ear tattoo or eartag imprinted with the
14 monitored herd number assigned to that herd.

15 E. Prevention of exposure. While in transit through
16 marketing channels, all feeder pigs from monitored herds must be
17 maintained so that they are not exposed to swine of unknown
18 pseudorabies status or maintained in facilities or trucks
19 contaminated by those swine. Failure to do so causes them to
20 lose their monitored status.

21 F. Movement into northern zone. Only breeding swine
22 that have had a negative pseudorabies test within the last 30
23 days or have originated from a qualified herd may be moved into
24 the northern zone.

25 Subp. 3. Participation in the national pseudorabies
26 eradication program. For the purposes of the eradication of
27 pseudorabies in Minnesota:

28 A. Efforts must be made to maintain the northern zone
29 as a low-prevalence (Stage III) area. When such a status is
30 maintained, it will be permissible for the feeder pig producers
31 in that area to sell their feeder pigs without further testing.

32 B. In order to maintain the Stage III status, a
33 system of surveillance must be carried out annually.

34 1705.2474 PSEUDORABIES MONITORED HERD PROCEDURES.

35 Subpart 1. Attaining monitored status. In order for a

1 herd to attain a pseudorabies monitored herd status, a
2 monitoring sample of the herd must test negative for
3 pseudorabies. Testing must be done at the owner's expense
4 unless state funds are available for this purpose.

5 [For text of subp 2, see M.R.]

6 Subp. 3. **Annual remonitoring.** All herds must have an
7 annual negative test of a monitoring sample of the herd on a
8 date within 30 days of the anniversary date of the original
9 monitoring test as required in subpart 1.

10 For finishing herds that have completed an initial
11 monitoring test, confirmation of all out status for the herd may
12 be accepted in lieu of an annual remonitoring test. The all out
13 status must be confirmed in writing by the board.

14 Subp. 4. [See repealer.]

15 1705.2476 PSEUDORABIES SURVEILLANCE AND CONTROL OF SPREAD.

16 Subpart 1. **Purpose.** The surveillance and control programs
17 in this part are designed to eradicate pseudorabies from
18 Minnesota.

19 Subp. 2. **Slaughter plant surveillance.** The board shall
20 cooperate with the United States Department of Agriculture in
21 the pseudorabies testing of cull boars or sows at all slaughter
22 plants and in the identification of their herds of origin. All
23 herds determined to be pseudorabies-positive must be quarantined
24 under parts 1705.2430 to 1705.2450.

25 Subp. 3. [See repealer.]

26 Subp. 4. **Circle testing around all new qualified or**
27 **controlled vaccinated herds.** The board shall require a test of
28 a monitoring sample of swine in herds within a one and one-half
29 mile radius of all new Minnesota qualified pseudorabies-negative
30 or controlled vaccinated herds. At the time of the circle
31 testing, qualified, controlled vaccinated, or monitored herds
32 that have been tested within the last year need not be retested.

33 If positive titres are disclosed on this test, or the owner
34 refuses to allow the herd to be tested, the herd must be
35 considered to be an infected herd and must be quarantined. This

1 circle testing must be done at state expense if the funds are
2 available.

3 [For text of subp 5, see M.R.]

4 Subp. 6. **Circle testing around quarantined herds.** The
5 board shall require a test of a monitoring sample of swine in
6 herds within a one and one-half mile radius of the following
7 herds:

8 A. all pseudorabies quarantined herds in the northern
9 zone; and

10 B. all new pseudorabies quarantined herds in any part
11 of the state disclosed to be infected.

12 At the time of the circle testing, qualified, controlled
13 vaccinated, or monitored herds that have been tested within the
14 last year need not be retested. If positive titres are
15 disclosed on this test, or the owner refuses to test, the herd
16 must be considered an infected herd and placed under
17 quarantine. This testing must be done at state expense if the
18 funds are available.

19 Subp. 7. **Mandatory herd monitoring.** As part of the
20 national pseudorabies eradication program, all swine herds in
21 Minnesota must be annually monitored at the owners' expense. A
22 monitoring sample of each herd must be tested.

23 The annual remonitoring may be discontinued when the area
24 in which the herd is located becomes a Stage III area.

25 Subp. 8. **Quarantined herd cleanup.** The owners of all
26 quarantined herds in Minnesota must sign an approved official
27 pseudorabies herd cleanup plan.

28 Herd cleanup testing must be paid for by state or federal
29 funds. If state or federal funds are not available, herd
30 cleanup is not mandated, but may be voluntarily done at the
31 owner's expense.

32 1705.2480 QUALIFIED PSEUDORABIES-NEGATIVE HERD PROCEDURES.

33 Subpart 1. **Qualifications.** To qualify a herd for
34 qualified pseudorabies-negative herd status:

35 A. the herd must have been free of pseudorabies for

1 the previous six months;

2 B. all breeding stock six months of age or older must
3 be negative to an official pseudorabies test;

4 C. the offspring over four months of age must be
5 negative for pseudorabies using the following testing schedule:

6 [For text of subitems (1) to (3), see M.R.]

7 D. the herd owner must sign an agreement to comply
8 with parts 1705.2400 to 1705.2530.

9 [For text of subp 2, see M.R.]

10 Subp. 3. **Requalification testing.** The pseudorabies status
11 of a qualified pseudorabies-negative herd must be monitored and
12 its status maintained by having a negative test of at least 25
13 percent of the breeding herd every 80 to 100 days. All breeding
14 swine must be subject to at least one official test once a
15 year. No swine may be tested twice in one year to comply with
16 the 25 percent test requirement.

17 All qualified herds must use one of the following herd
18 testing schedules:

19 A. Test 25 percent of the breeding herd and test
20 offspring every 90 days as outlined in subpart 1, item C; or

21 B. Test ten percent of the breeding herd every 30
22 days and test offspring every 90 days as outlined in subpart 1,
23 item C.

24 If there are ten or fewer swine at least six months of age
25 in the herd at any quarterly requalification test, all swine at
26 least six months of age must be tested.

27 If the breeding herd or offspring is maintained on more
28 than one premises, the appropriate percentage of the animals on
29 each premises must be tested for each requalification.

30 [For text of subps 4 to 9, see M.R.]

31 1705.2490 PSEUDORABIES-CONTROLLED VACCINATED HERD PROCEDURES.

32 [For text of subps 1 to 3, see M.R.]

33 Subp. 4. **Sale of animals.** Unvaccinated progeny from a
34 pseudorabies-controlled vaccinated herd may be sold in Minnesota
35 for breeding or feeding purposes without further testing.

1 Vaccinated animals from a pseudorabies-controlled
 2 vaccinated herd may be sold for breeding purposes only with a
 3 negative official pseudorabies test within 30 days prior to the
 4 sale.

5 Subp. 5. **Quarantine.** If a pseudorabies-controlled
 6 vaccinated herd is determined to be infected with pseudorabies,
 7 the herd must be quarantined and the owner must comply with part
 8 1705.2440 to have the quarantine released.

9 Subp. 6. **Epidemiological evaluation.** If one of the
 10 herd-monitoring tests discloses in one or more animals low
 11 titres (1:8 or less) which may be caused by vaccination maternal
 12 antibodies, an epidemiological evaluation must be conducted by
 13 the district veterinarian. This evaluation may include a retest
 14 of the titred swine in 30 days and a test of 20 other
 15 unvaccinated animals over four months of age.

16 During the process of this epidemiological evaluation,
 17 swine from this herd are temporarily ineligible for sale except
 18 to slaughter.

19 Failure to allow this evaluation will result in herd
 20 quarantine and the loss of pseudorabies-controlled vaccinated
 21 herd status.

22 The final determination of the status of the herd must be
 23 made by the district veterinarian involved.

24 1705.2510 EXHIBITION OF SWINE.

25 [For text of subps 1 to 4, see M.R.]

26 Subp. 5. **Out-of-state swine.** Out-of-state swine, when
 27 exhibited in Minnesota, must meet Minnesota's importation
 28 requirements in parts 1700.2600 to 1700.3000, exhibition
 29 requirements in parts 1715.0100 to 1715.0190, and the exhibition
 30 requirements of this part.

31 RENUMBER. In the next and subsequent editions of Minnesota
 32 Rules, the revisor of statutes shall renumber the part numbers,
 33 subparts, and items in column A to the corresponding part
 34 numbers and subparts in column B.

35 COLUMN A
 36 1705.2400, subpart 3b

COLUMN B
 1705.2400, subpart 3c

1	1705.2400, subpart 5b	1705.2400, subpart 7a
2	1705.2400, subpart 8a	1705.2400, subpart 1c
3	1705.2400, subpart 13	1705.2400, subpart 6a
4	1705.2400, subpart 14	1705.2400, subpart 5d
5	1705.2400, subpart 15	1705.2400, subpart 3b
6	1705.2470, subpart 1	1705.2470, subpart 1d
7	1705.2472, subpart 2, item A	1705.2470, subpart 1
8	1705.2472, subpart 2, item C	1705.2470, subpart 1a
9	1705.2472, subpart 2, item D	1705.2470, subpart 1b
10	1705.2472, subpart 2, item E	1705.2470, subpart 1c
11	1705.2472, subpart 2, item F	1705.2460, subpart 8a

12 REPEALER. Minnesota Rules, parts 1705.2470, subpart 2;

13 1705.2474, subpart 4; and 1705.2476, subpart 3, are repealed.

