

1 Board of Animal Health

2

3 Adopted Permanent Rules Relating to Pseudorabies

4

5 Rules as Adopted

6

IMPORTATION OF SWINE

7 1700.2590 DEFINITIONS.

8

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

9

Subp. 4. Pseudorabies-monitored herd.

10 "Pseudorabies-monitored herd" means a herd that is in compliance
11 with part 1705.2474.

12

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

13 1700.2650 PERMITS.

14

Prior to importation of swine, except for swine originating
15 from a Stage III, IV, or V state or area, or swine going
16 directly to slaughter, the veterinarian completing the
17 certificate of veterinary inspection under part 1700.2700 must
18 obtain a permit from the board. Before a permit is issued, the
19 board must be given the following information: the source of
20 the swine to be imported, the number of swine to be imported,
21 and the destination of the swine. The permit number issued by
22 the board must be included on the certificate of veterinary
23 inspection.

24 1700.2800 CONTENTS OF CERTIFICATE OF VETERINARY INSPECTION.

25

Certificates of veterinary inspection for feeder swine must
26 list identification numbers, the herd of origin, the
27 destination, and one of the following statements: "these feeder
28 swine originate from a pseudorabies-monitored herd," "these
29 feeder swine originate from a qualified pseudorabies-negative
30 herd," "these feeder swine originate from a qualified negative
31 gene-altered vaccinated herd," "these feeder swine have all been
32 tested for pseudorabies within 30 days before importation and
33 found negative," or "these feeder or breeding swine originate
34 from an officially designated Stage III, IV, or V pseudorabies

1 area," as defined in part 1705.2400, subpart 6d, and the
2 State-Federal Program Standards for Pseudorabies Eradication.

3 Certificates of veterinary inspection for breeding swine
4 must show the individual identification number of each animal.
5 Acceptable individual identification must be either eartag,
6 tattoo, registration number, or approved ear notch system. The
7 certificate must also show the date of test or the validated and
8 qualified herd number and the date of the last qualified and
9 validated herd test.

10 Certificates of veterinary inspection for feral swine must
11 list individual eartag numbers and show that the swine were
12 tested for pseudorabies and brucellosis and found negative
13 within 30 days before importation.

14 One copy of the certificate of veterinary inspection
15 approved by the animal health department of the state of origin
16 must be forwarded to the board within 14 days.

17 1700.2850 FEEDER SWINE.

18 Feeder swine must originate from pseudorabies-monitored
19 herds, qualified pseudorabies-negative herds, qualified negative
20 gene-altered vaccinated herds, or an officially designated Stage
21 III, IV, or V pseudorabies area, or must be tested negative
22 within 30 days prior to importation, and must not be transported
23 or confined with swine of unknown status. Feral swine may not
24 be imported into Minnesota without a negative pseudorabies and
25 brucellosis test within the previous 30 days.

26 1700.2900 BREEDING SWINE.

27 Subpart 1. **Testing requirements.** Breeding swine must be:

28 A. negative to the brucellosis buffered antigen test
29 conducted at a state or federal laboratory within 30 days prior
30 to importation, or originate from a validated brucellosis free
31 swine herd, or originate directly from a nonquarantined herd in
32 a validated brucellosis free state;

33 B. negative to an official test for pseudorabies
34 within 30 days prior to importation, or originate from a
35 qualified pseudorabies-negative herd, or originate from a

1 qualified negative gene-altered vaccinated herd, or originate
2 from a Stage IV or V state or area.

3 Subp. 2. Retesting requirements. Unless breeding swine
4 originate from a Stage III, IV, or V state or area, they must be
5 separated from all other swine until tested for pseudorabies not
6 less than 15 nor more than 60 days following importation
7 according to the following sample size:

8 (1) if there are ten or less breeding swine, all
9 must be tested;

10 (2) if there are 11 to 35 breeding swine, ten
11 must be tested; and

12 (3) if there are 36 or more breeding swine, 30
13 percent or 30 head, whichever is less, must be tested.

14 This item does not apply to breeding stock sales centers in
15 Minnesota as provided in parts 1705.2400, subpart 15, and
16 1705.2480, subpart 9.

17 Subp. 3. Transportation. Breeding swine must not be
18 transported or confined with swine of unknown status.

19 1700.2950 IMPORTATION OF SWINE SEMEN AND EMBRYOS.

20 Swine semen and swine embryos imported into Minnesota for
21 insemination of swine or implantation into swine must be
22 accompanied by a document issued by an accredited veterinarian
23 stating that the donor swine are not known to be infected with
24 or exposed to pseudorabies, were negative to an official
25 pseudorabies test within 30 days prior to the collection of the
26 semen or embryos, or were members of a qualified
27 pseudorabies-negative or qualified negative gene-altered
28 vaccinated herd, and had not been exposed to pseudorabies within
29 30 days prior to the collection of the semen or embryos.

30 1700.3010 RESTRICTION OF IMPORTED FEEDING SWINE.

31 Imported feeder swine are restricted to the premises where
32 they are to be fed until they are sold for slaughter except that:

33 A. Feeder swine imported for resale at a market are
34 restricted to the premises of the buyer.

35 B. Feeder swine imported for resale by a licensed

1 livestock dealer must be sold to a feeding premises within 72
2 hours.

3 C. Feeder swine may be moved from the herd of the
4 buyer for purposes other than immediate slaughter only if all
5 are negative to a pseudorabies test conducted within 30 days
6 prior to the movement.

7 PSEUDORABIES CONTROL AND ERADICATION

8 1705.2400 DEFINITIONS.

9 [For text of subps 1 and 1a, see M.R.]

10 Subp. 1b. **Approved differential pseudorabies test.**

11 "Approved differential pseudorabies test" means any test for the
12 diagnosis of pseudorabies that:

13 A. can distinguish vaccinated swine from infected
14 swine;

15 B. is produced under license from the United States
16 Department of Agriculture for use in the pseudorabies
17 eradication program;

18 C. is conducted in a laboratory approved by the
19 United States Department of Agriculture; and

20 D. is approved by the board if it finds that it is
21 appropriate for the detection of pseudorabies.

22 Subp. 1c. **Approved offspring segregation plan.** "Approved
23 offspring segregation plan" means a plan by which swine are
24 weaned and isolated from the herd of origin under the direction
25 of and approval of the board.

26 Subp. 1d. **Approved premises.** "Approved premises" means a
27 premises that has been inspected by board personnel and approved
28 to feed out quarantined feeder pigs or light weight market hogs
29 in isolation from other domestic animals and sell those pigs
30 directly to slaughter, in compliance with part 1705.2434.

31 Subp. 2. **Board.** "Board" means the Board of Animal Health.

32 Subp. 3. **Breeding herd.** "Breeding herd" means a herd of
33 breeding swine that have been maintained together for a minimum
34 of 60 days.

35 The terms "swine," "pigs," and "hogs" are used

1 interchangeably in parts 1705.2400 to 1705.2530.

2 [For text of subps 3a to 3c, see M.R.]

3 Subp. 3d. **Finishing herd.** "Finishing herd" means a herd
4 of feeder swine that have been maintained together for a minimum
5 of 30 days on premises where there are no breeding swine.

6 Subp. 3e. **Herd.** "Herd" means any group of swine
7 maintained on common ground for any purpose, or two or more
8 groups of swine under common ownership or supervision,
9 geographically separated, but which have an interchange or
10 movement of animals without regard to whether the animals are
11 infected with or exposed to pseudorabies. If a herd owner
12 receives swine from or moves swine to an entity in which the
13 herd owner has a material ownership interest, the entity must be
14 considered part of the herd owner's herd for purposes of swine
15 movement.

16 [For text of subps 4 and 5, see M.R.]

17 Subp. 5a. **Low-prevalence pseudorabies area.**

18 "Low-prevalence pseudorabies area" means a state or area that is
19 in Stage III, IV, or V of the national pseudorabies eradication
20 program.

21 [For text of subps 5c and 5d, see M.R.]

22 Subp. 6. **Official pseudorabies test.** "Official
23 pseudorabies test" means the serum neutralization test or other
24 test defined as an "official pseudorabies test" by the United
25 States Department of Agriculture which may be approved by the
26 board if it finds that they are appropriate for the detection of
27 pseudorabies. In approving additional tests the board shall
28 consider scientific evidence of their reliability, the opinions
29 of experts, experience with their use, their cost-effectiveness,
30 and their hazards, if any.

31 Subp. 6a. **Official random sample test (95/10).** "Official
32 random sample test (95/10)" means a herd sampling procedure that
33 provides a 95 percent probability of detecting infection in a
34 herd in which at least ten percent of the swine are positive for
35 pseudorabies. Each segregated group of swine at a particular
36 site must be considered to be a separate group and be sampled as

1 follows:

- 2 A. less than 100 head, test 25;
- 3 B. 100 to 200 head, test 27;
- 4 C. 201 to 999 head, test 28; and
- 5 D. 1,000 or over, test 29.

6 In each breeding herd, each parity must be included in the
7 sample.

8 Subp. 6b. **Official random sample test (95/5).** "Official
9 random sample test (95/5)" means a herd sampling procedure that
10 provides a 95 percent probability of detecting infection in a
11 herd in which at least five percent of the swine are positive
12 for pseudorabies. Each segregated group of swine at a
13 particular site must be considered to be a separate group and be
14 sampled as follows:

- 15 A. less than 100 head, test 45;
- 16 B. 100 to 200 head, test 51;
- 17 C. 201 to 999 head, test 57; and
- 18 D. 1,000 or over, test 59.

19 In each breeding herd, each parity must be included in the
20 sample.

21 Subp. 6c. **Owner's notice of shipment.** "Owner's notice of
22 shipment" refers to the form provided by the board to the owners
23 of all quarantined herds at the time of quarantine which is used
24 to accompany the movement of quarantined animals.

25 Subp. 6d. **Program stages of the National Pseudorabies**
26 **Eradication Program.** Five "program stages" are defined in the
27 National Pseudorabies Eradication Program which classify states
28 or areas in their progress toward complete eradication of the
29 disease:

30 A. Stage I is the "Preparation" stage. This is the
31 initial program stage in which the basic procedures to control
32 and eradicate pseudorabies are developed.

33 B. Stage II is the "Control" stage. The goals of
34 this stage are for a state or area to determine which herds are
35 infected with pseudorabies and to begin herd cleanup.

36 C. Stage III is the "Mandatory Herd Cleanup" stage.

1 In this stage, the cleanup of infected herds becomes mandatory.
2 For a state or area to qualify for this stage, prevalence of
3 pseudorabies infected herds must be less than one percent of the
4 total swine herds in the state or area.

5 D. Stage IV is the "Surveillance" stage. For a state
6 or area to qualify for this stage, there may be no known
7 infected herds in the state or area.

8 E. Stage V is the "Free" stage. For a state or area
9 to qualify for this stage, the state or area must have had no
10 known infected herds for one year since the recognition of Stage
11 IV status.

12 Subp. 7. [See repealer.]

13 [For text of subp 7a, see M.R.]

14 Subp. 7b. **Qualified herd.** "Qualified herd" means
15 "qualified negative gene-altered vaccinated herd" or "qualified
16 pseudorabies-negative herd" unless specifically identified as
17 one or the other.

18 Subp. 7c. **Qualified negative gene-altered vaccinated**
19 **herd.** "Qualified negative gene-altered vaccinated herd" means a
20 herd of swine which has been free of pseudorabies for the
21 previous 90 days, in which all swine over six months of age have
22 been initially tested negative for pseudorabies, and for which
23 the procedures in part 1705.2482 have been followed.

24 Subp. 8. **Qualified pseudorabies-negative herd.** "Qualified
25 pseudorabies-negative herd" means a herd of swine which has been
26 free of pseudorabies for the previous 90 days, in which all
27 swine over six months of age have been initially tested negative
28 for pseudorabies, and for which the procedures in part 1705.2480
29 have been followed.

30 Subp. 9. **Quarantined herd.** "Quarantined herd" means an
31 infected herd maintained on the quarantined premises so as not
32 to have contact with animals belonging to other owners.

33 [For text of subps 10 to 12, see M.R.]

34 1705.2430 INFECTED HERD QUARANTINE AND DISPOSAL PROCEDURES.

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

1 Subp. 2. **Epidemiological investigation.** If species of
2 animals other than swine have been diagnosed as having
3 pseudorabies, the state or federal district veterinarian shall
4 conduct an epidemiological investigation of any swine on the
5 premises. The investigation must include blood testing of a
6 monitoring sample of the swine herd. The owner shall pay the
7 fees associated with this testing unless state funds are
8 available for this purpose. If pseudorabies reactors are
9 disclosed, the swine herd must be quarantined.

10 Subp. 3. **Permitted disposal.** Swine may only be removed
11 from a quarantined herd or disposed of pursuant to item A, B, or
12 C.

13 A. Market or breeding swine or other infected or
14 exposed species may be sold for slaughter via a federally
15 approved slaughter market, public stockyard, packer buying
16 station, or directly to a slaughter plant accompanied by an
17 owner's notice of shipment.

18 B. Feeder pigs may be sold, loaned, leased, or moved
19 for custom/contract feeding to an approved premises and must be
20 accompanied by an owner's notice of shipment.

21 C. A quarantined swine herd may be sold to another
22 owner only with the permission of the board and only if the
23 buyer agrees to:

24 (1) maintain them at the same place where the
25 herd was quarantined; and

26 (2) sign an approved official pseudorabies herd
27 cleanup plan.

28 Subp. 4. **Movement to another location.** Quarantined swine
29 that remain within a quarantined herd may be moved from their
30 farm of origin to another location only if all of the following
31 conditions are met:

32 A. Swine may be moved only with the prior approval of
33 the district veterinarian.

34 B. Swine may not be moved to a location which is
35 within a Stage III area unless part of the herd was at this
36 location when the original herd quarantine was issued or

1 movement is part of an approved offspring segregation plan and
2 the herd of origin is also located in the Stage III area.

3 C. Swine may not be moved to a location which is
4 within a Stage IV or V county or area.

5 D. Swine may not be moved to a location which is
6 within the northern zone unless movement is part of an approved
7 offspring segregation plan and the herd of origin is also
8 located in the northern zone.

9 E. Swine may not be moved to a location which is
10 within two miles of a qualified herd unless part of the herd was
11 at this location when the original herd quarantine was issued.

12 F. All of the swine that are moved except for those
13 under an approved offspring segregation plan must be vaccinated
14 for pseudorabies.

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 premises and records required by
21 this part. The operator of an approved premises must comply
22 with the following requirements:

23 [For text of items A to F, see M.R.]

24 G. Records of swine purchases and sales, including
25 names of sellers and buyers, dates of purchase, and number of
26 head, must be maintained in a timely manner and understandable
27 form, retained for at least one year and made available for
28 inspection by board personnel.

29 Subp. 2. **Location.** No approved premises may be
30 established within the northern zone, or in a county in the
31 southern zone that has been declared to be in Stage III, IV, or
32 V of the national pseudorabies eradication program. Approved
33 premises may not be established within a two mile radius of an
34 existing qualified herd or a swine herd in the process of
35 becoming a qualified herd as indicated by board records.

1 Approved premises may not continue to operate as approved
2 premises when the county in which the premises is located has
3 been granted Stage III status in the national pseudorabies
4 eradication program and has maintained this status for one year.

5 Subp. 3. [See repealer.]

6 Subp. 4. **Annual renewal.** Approved premises permits must
7 be renewed annually by the board, based upon an annual report of
8 the district veterinarian for the district in which the premises
9 is located. The permit must be renewed if the district
10 veterinarian finds that the premises is and has been in
11 compliance with the board's rules. The district veterinarian
12 shall inspect approved premises on the complaint of any person
13 or at the board's direction. The board may suspend or cancel
14 the permit of approved premises for noncompliance with the
15 requirements in this part. Whenever the permit of approved
16 premises is suspended, canceled, or not renewed, the premises
17 remains under pseudorabies quarantine until the quarantine is
18 released under part 1705.2440.

19 Subp. 5. **Continued operation of approved premises.**

20 Approved premises that have legally been established under this
21 part must be permitted to continue to operate if a swine herd
22 within two miles subsequently becomes a qualified herd.

23 1705.2440 RELEASE OF QUARANTINE.

24 Subpart 1. **Methods.** Swine herd quarantine release may be
25 accomplished by any of the methods in items A to E.

26 A. **Depopulation; repopulation:** The entire herd may
27 be sold to slaughter accompanied by an owner's notice of
28 shipment. The premises must be cleaned and disinfected under
29 the direction of the board. The quarantine must be released 30
30 days after completion of the cleaning and disinfection. If
31 cleaning and disinfection are not done, the hog facility may
32 stand empty for 12 months and the quarantine must then be
33 released.

34 B. **Test and removal:** All swine positive to a
35 pseudorabies serologic test must be removed from the premises.

1 All breeding swine that remain in the herd and an official
2 random sample (95/10) of grower-finishing swine over two months
3 of age must be subjected to a pseudorabies serologic test and
4 found negative 30 days or more after removal of swine positive
5 to a pseudorabies serologic test.

6 C. Official random sample: During Stage I or II of
7 the pseudorabies program, all swine present on the date a
8 quarantine was imposed must be removed from the herd and there
9 must be no clinical signs in the herd for at least six months.
10 Two successive official random sample (95/10) tests of the
11 breeding herd, conducted at least 90 days apart, must be
12 determined by the official pseudorabies epidemiologist to reveal
13 no infection. Two successive official random sample (95/10)
14 tests of progeny at least four months of age, conducted at least
15 90 days apart, must also be negative.

16 In finishing herds without any breeding swine, there must
17 be two successive negative official random sample tests (95/10),
18 conducted at least 90 days apart, on hogs over four months of
19 age.

20 Herds removed from quarantine by the official random sample
21 testing schedule must be tested negative by an official random
22 sample (95/10) test one year after the quarantine is released.

23 During Stage III of the pseudorabies program, an official
24 random sample (95/5) must be used in each instance of this part
25 that calls for an official random sample (95/10).

26 During Stage IV or V of the pseudorabies program,
27 quarantine release by official random sample may not be used.

28 D. Offspring segregation: Under an approved
29 offspring segregation plan, progeny of a quarantined herd may be
30 moved to a premises different from that of the herd of origin,
31 and themselves be quarantined. All of these pigs must be tested
32 for pseudorabies no sooner than 30 days after the isolation. If
33 100 percent of these tests are negative for pseudorabies, the
34 quarantine on the progeny herd must be released.

35 E. Other procedures: Quarantines of swine herds may
36 be released by herd testing schedules in addition to those in

1 this part if they are approved by the United States Department
2 of Agriculture, are equally reliable and effective as the other
3 methods in this part, and are consistent with the eradication
4 goals of parts 1705.2400 to 1705.2520.

5 Subp. 2. **Vaccination titres.** When a tentative diagnosis
6 of pseudorabies may be the result of a vaccination, an
7 epidemiological investigation must be conducted. The
8 epidemiological evaluation must be conducted under the direction
9 of the district veterinarian and must include all the items in
10 items A to D.

11 [For text of items A to C, see M.R.]

12 D. A negative pseudorabies test must be conducted on
13 a monitoring sample of swine.

14 Subp. 3. **Ten-day period for release.** A quarantine on
15 livestock other than swine must be released ten days after the
16 diagnosis or exposure if there are no signs or symptoms of
17 pseudorabies in those livestock.

18 [For text of subps 4 and 5, see M.R.]

19 1705.2450 PSEUDORABIES TRACE TO SOURCE OR DESTINATION HERDS.

20 Subpart 1. **Information furnished.** The owner of a herd in
21 which pseudorabies has been diagnosed shall furnish the
22 following information to the board:

23 A. a list of sources of purchases of feeder or
24 breeding swine during the preceding six months; and

25 B. a list of sales of feeder or breeding swine during
26 the preceding six months.

27 Subp. 2. **Pseudorabies diagnosed in recently purchased**
28 **swine.** If pseudorabies is diagnosed in breeding or feeder swine
29 which have been purchased from or sold to another swine producer
30 within the preceding six months, the board shall require a
31 pseudorabies test of a monitoring sample of the herd of the
32 seller or buyer.

33 Subp. 3. [See repealer.]

34 Subp. 4. **Owner's expense.** Testing pursuant to subpart 2
35 must be done at the swine owner's expense, unless state funds

1 are available for this purpose.

2 1705.2460 INTRASTATE MOVEMENT OF BREEDING SWINE.

3 Subpart 1. **Requirements for movement.** Except for movement
4 to another location within the same swine herd, or movement
5 directly to slaughter, breeding swine moving from their premises
6 of origin must:

7 A. be accompanied by a certificate of veterinary
8 inspection or pseudorabies test chart; and

9 B. be identified by an eartag, tattoo, brand, or ear
10 notch recognized by a breed association; and

11 C. be negative to an official or approved
12 differential pseudorabies test conducted within 30 days prior to
13 movement, or originate from a qualified pseudorabies-negative
14 herd or a qualified negative gene-altered vaccinated herd.

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

16 Subp. 3. **Restricted-movement identification.**

17 Restricted-movement breeding swine must be identified at the
18 swine concentration point pursuant to subpart 1.

19 [For text of subps 4 to 8a, see M.R.]

20 Subp. 8b. **Sale of swine semen and embryos.** Except for
21 movement to another location within the same swine herd, swine
22 semen and embryos moving from their premises of origin for
23 insemination of swine or implantation into swine must be
24 accompanied by a document issued by an accredited veterinarian
25 stating that the donor swine are not known to be infected with
26 or exposed to pseudorabies, were negative to a pseudorabies test
27 within 30 days prior to the collection of the semen or embryos
28 or were members of a qualified pseudorabies-negative or
29 qualified negative gene-altered vaccinated herd, and had not
30 been exposed to pseudorabies within 30 days prior to the
31 collection of the semen or embryos.

32 Subp. 9. [See repealer.]

33 1705.2470 INTRASTATE MOVEMENT OF FEEDER PIGS.

34 Subpart 1. **Requirements for movement.** Feeder swine moving
35 from the premises of origin must be tested negative for

- 1 pseudorabies within 30 days prior to movement or originate from
2 a:
- 3 A. pseudorabies-monitored herd;
 - 4 B. qualified pseudorabies-negative herd;
 - 5 C. qualified negative gene-altered vaccinated herd;
 - 6 or
 - 7 D. Stage III, IV, or V low-prevalence pseudorabies
8 area.

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

10 Subp. 1b. **Feeder pig identification.** All feeder pigs sold
11 must be identified with a metal eartag, legible
12 pseudorabies-monitored herd number ear tattoo, legible
13 pseudorabies-monitored herd number shoulder slap tattoo, or
14 eartag imprinted with the monitored herd number assigned to that
15 herd.

16 [For text of subps 1c and 1d, see M.R.]

17 Subp. 2a. [See repealer.]

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

19 Subp. 4. **Restricted-movement feeder pigs purchased for**
20 **resale.** Restricted-movement feeder pigs purchased at a swine
21 concentration point by a livestock dealer for resale purposes
22 must be:

23 A. maintained separately from other swine until
24 resold;

25 B. accompanied to the farm of destination by a
26 restricted movement certificate; and

27 C. maintained on the farm of destination, fed out,
28 and sold pursuant to subpart 5.

29 Subp. 5. **Sale of restricted-movement feeder pigs.**

30 Restricted-movement feeder pigs may be sold as market hogs
31 through any livestock marketing channel. They may not, however,
32 be sold through a marketing facility at which breeding stock or
33 pseudorabies-monitored feeder pigs are sold unless the facility
34 maintains separate chutes, pens, and scales for breeding swine
35 and pseudorabies-monitored feeder pigs.

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

1 1705.2472 NORTHERN AND SOUTHERN ZONES.

2 Subpart 1. **Zoning of state.** For purposes of controlling
3 the spread of pseudorabies and eradicating the disease, the
4 state is divided into two zones, a northern zone and a southern
5 zone. The northern zone includes the counties of Washington,
6 Ramsey, Hennepin, Wright, Meeker, Kandiyohi, Chippewa, Swift,
7 Big Stone, and all counties to the north of them. The southern
8 zone includes all counties not included in the northern zone.

9 Subp. 3. [See repealer.]

10 1705.2474 PSEUDORABIES-MONITORED HERD PROCEDURES.

11 Subpart 1. **Attaining monitored status.** In order for a
12 herd to attain a pseudorabies-monitored herd status, a
13 monitoring sample of the herd must test negative for
14 pseudorabies. Testing must be done at the owner's expense
15 unless state funds are available for this purpose.

16 Subp. 2. **Proof of herd status.** All swine producers or
17 dealers selling feeder pigs in Minnesota shall provide to the
18 buyer proof of the pseudorabies-monitored status of the herd of
19 origin upon request. That proof must include one of the
20 following:

21 A. a current pseudorabies-monitored herd
22 identification card or other proof of a current herd monitoring
23 test;

24 B. a qualified pseudorabies-negative herd number;

25 C. a qualified negative gene-altered vaccinated herd
26 number; or

27 D. proof that they originated directly from a Stage
28 III, IV, or V area.

29 Subp. 3. **Annual remonitoring.** All herds must have an
30 annual negative test of a monitoring sample of the herd on a
31 date within 30 days of the anniversary date of the original
32 monitoring test as required in subpart 1. The annual
33 remonitoring may be discontinued when the area in which the herd
34 is located becomes a Stage III, IV, or V area and surveillance
35 programs are in place that do not require on-farm monitoring.

1 For finishing herds that have completed an initial
2 monitoring test, confirmation of all out status for the herd may
3 be accepted in lieu of an annual remonitoring test. The all out
4 status must be confirmed in writing to the board.

5 1705.2476 PSEUDORABIES SURVEILLANCE AND CONTROL OF SPREAD.

6 Subpart 1. **Purpose.** The surveillance and control programs
7 in this part are designed to identify pseudorabies infected
8 herds, control spread of the disease, and eradicate pseudorabies
9 from Minnesota.

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

11 Subp. 4. **Circle testing around all new qualified herds.**

12 The board shall require a test of a monitoring sample of swine
13 in herds within a one and one-half mile radius of all new
14 Minnesota qualified pseudorabies-negative or qualified negative
15 gene-altered vaccinated herds. At the time of the circle
16 testing, qualified, or monitored herds that have been tested
17 within the last year need not be retested.

18 If positive titres are disclosed on this test, the herd
19 must be considered to be an infected herd and must be
20 quarantined. This circle testing must be done at state expense
21 if the funds are available.

22 Subp. 5. **Cleanup of herds disclosed to be positive near**
23 **qualified herds.** All herds that are disclosed to be
24 pseudorabies-positive within a one and one-half mile radius of
25 all qualified herds must:

26 A. begin a board-approved official pseudorabies herd
27 cleanup plan within 90 days of the date of quarantine and
28 vaccinate all breeding swine with an approved pseudorabies
29 vaccine on a continuing basis; and

30 B. vaccinate all feeder pigs coming into finishing
31 herds.

32 Subp. 6. **Circle testing around quarantined herds.** The
33 board shall require a test of a monitoring sample of swine in
34 herds within a one and one-half mile radius of all new
35 quarantined herds.

1 At the time of the circle testing, qualified, or monitored
2 herds that have been tested within the last year need not be
3 retested. If positive titres are disclosed on this test, the
4 herd must be considered an infected herd and placed under
5 quarantine. This testing must be done at state expense if the
6 funds are available.

7 Subp. 7. **Mandatory herd monitoring.** As part of the
8 national pseudorabies eradication program, all swine herds in
9 Minnesota must be annually monitored pursuant to part 1705.2474,
10 at the owners' expense unless state funds are available for this
11 purpose. A monitoring sample of each herd must be tested.

12 The annual remonitoring may be discontinued when the area
13 in which the herd is located becomes a Stage III, IV, or V area
14 and surveillance programs are in place that do not require
15 on-farm monitoring.

16 Subp. 8. **Quarantined herd cleanup.** The owners of all
17 quarantined herds in Minnesota must sign an approved official
18 pseudorabies herd cleanup plan within 90 days of the original
19 quarantine date. Each herd cleanup plan must be updated every
20 12 months.

21 An official random sample test (95/10) of breeding swine
22 and an official random sample test (95/10) of finishing swine in
23 each quarantined herd must be completed at least every 12 months
24 to assess the prevalence of pseudorabies infected swine in the
25 herd. When a quarantined herd is located in a Stage III, IV, or
26 V area, an official random sample test (95/5) of breeding swine
27 and an official random sample test (95/5) of finishing swine in
28 the herd must be completed at least every six months to assess
29 the prevalence of pseudorabies infected swine in the herd.

30 Herd cleanup testing must be paid for by state or federal
31 funds if the funds are available. If state or federal funds are
32 not available, testing that is required in this part must be
33 done at the owner's expense.

34 1705.2480 QUALIFIED PSEUDORABIES-NEGATIVE HERD PROCEDURES.

35 Subpart 1. **Qualifications.** To qualify a herd for

1 qualified pseudorabies-negative herd status:

2 A. the herd must have been free of pseudorabies for
3 the previous 90 days;

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

6 C. offspring over four months of age that are located
7 on the same premises as the breeding herd must be negative for
8 pseudorabies using the following testing schedule:

9 (1) 10 head or less, test all;

10 (2) 11 to 35 head, test 10; or

11 (3) 36 or more head, test 30 percent up to a
12 maximum of 30 head;

13 D. offspring over four months of age that are located
14 on any premises different from that of the breeding herd must be
15 negative for pseudorabies using an official random sample test
16 (95/10); and

17 E. the herd owner must sign an agreement to comply
18 with parts 1705.2400 to 1705.2530.

19 **Subp. 2. Qualified pseudorabies-negative herd certificate.**

20 Following the receipt by the board of a report of the initial
21 negative herd test and the signed herd agreement, the board
22 shall issue a numbered qualified pseudorabies-negative herd
23 certificate. The initial qualification is valid for 90 days or
24 until the next scheduled requalification test.

25 **Subp. 3. Requalification testing.** The pseudorabies status
26 of a qualified pseudorabies-negative herd must be maintained by
27 having a negative official pseudorabies test of at least 20
28 percent of the breeding herd and a sample of offspring as
29 described in subpart 1, item C, every 80 to 100 days.

30 All qualified pseudorabies-negative herds must use one of
31 the following herd testing schedules:

32 A. To test on a quarterly schedule:

33 (1) test 20 percent of the breeding herd every 90
34 days;

35 (2) test offspring over four months of age that
36 are located on the same premises as the breeding herd every 90

1 days using the following test schedule:

2 (a) 10 head or less, test all;

3 (b) 11 to 35 head, test 10; or

4 (c) 36 or more head, test 30 percent up to a
5 maximum of 30 head; and

6 (3) test offspring over four months of age that
7 are located on any premises different than that of the breeding
8 herd every 30 days using an official random sample test (95/10);
9 or

10 B. To test on a monthly schedule:

11 (1) test seven percent of the breeding herd every
12 30 days;

13 (2) test offspring over four months of age that
14 are located on the same premises as the breeding herd every 30
15 days using the following test schedule:

16 (a) 10 head or less, test all;

17 (b) 11 or more head, test 10 head; and

18 (3) test offspring over four months of age that
19 are located on any premises different from that of the breeding
20 herd every 30 days using an official random sample test (95/10).

21 If the breeding herd or offspring are maintained on more
22 than one premises, the appropriate percentage of the animals on
23 each premises must be tested for each requalification.

24 Subp. 4. **Qualification canceled, regained.** The board
25 shall cancel qualified pseudorabies-negative herd status if any
26 swine show a positive test or are diagnosed as having
27 pseudorabies, if herd additions are made contrary to subparts 5
28 and 6, or for failure to comply with subpart 3.

29 Swine herds which have lost their qualified
30 pseudorabies-negative herd status may regain that status by
31 being free of pseudorabies for a period of 90 days and by
32 following the herd qualification procedure in subpart 1.

33 Subp. 5. **Testing purchased additions.** All purchased
34 additions, except those purchased pursuant to subpart 6, must
35 have a negative official test for pseudorabies within 30 days
36 prior to movement, and must be isolated and retested negative

1 with an official pseudorabies test at least 15 and within 45
2 days from the date of their arrival upon the premises.

3 Subp. 6. **Additions from qualified herds.** Additions may be
4 purchased directly from a qualified pseudorabies-negative herd
5 without isolation or testing.

6 Subp. 7. **Swine returned to a qualified**
7 **pseudorabies-negative herd.** Swine returned to qualified
8 pseudorabies-negative herds from exhibitions or which are
9 otherwise commingled with swine from herds not qualified must be
10 kept in isolation upon return for 15 days and have a negative
11 official pseudorabies test before rejoining the herd.

12 Subp. 8. **Sale from qualified pseudorabies-negative herd.**
13 Swine from a qualified pseudorabies-negative herd may be sold in
14 Minnesota for breeding or feeding purposes without further
15 testing or restriction of movement unless they are sold through
16 a swine concentration point.

17 Subp. 9. **Qualifications of breeding swine sales centers.**
18 Breeding swine sales centers operated by breeding companies, in
19 which animals are collected from qualified herds, must test ten
20 percent of their hog inventory each month with a minimum of ten
21 animals tested.

22 1705.2482 QUALIFIED NEGATIVE GENE-ALTERED VACCINATED HERD
23 PROCEDURES.

24 Subpart 1. **Qualifications.** To qualify a herd for
25 qualified negative gene-altered vaccinated herd status:

26 A. the herd must have been free of pseudorabies for
27 the previous 90 days;

28 B. all breeding stock six months of age or older must
29 be negative to an official pseudorabies test or to an approved
30 differential pseudorabies test;

31 C. offspring over four months of age that are located
32 on the same premises as the breeding herd must be negative for
33 pseudorabies using the following test schedule:

34 (1) 10 head or less, test all;

35 (2) 11 to 35 head, test 10; or

1 (3) 36 or more head, test 30 percent up to a
2 maximum of 30 head;

3 D. offspring over four months of age that are located
4 on any premises different from that of the breeding herd must be
5 negative for pseudorabies using an official random sample test
6 (95/10);

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

9 F. within 30 days after test results show the herd to
10 be negative for pseudorabies, all swine in the herd over six
11 months of age must be vaccinated with an official gene-altered
12 pseudorabies vaccine. Only one official gene-altered
13 pseudorabies vaccine may be used in the herd; and

14 G. any herd designated as a qualified
15 pseudorabies-negative herd may achieve status as a qualified
16 negative gene-altered vaccinated herd if all swine in the herd
17 over six months of age are vaccinated with an official
18 gene-altered pseudorabies vaccine. Only one official
19 gene-altered pseudorabies vaccine may be used in the herd.

20 Subp. 2. **Qualified negative gene-altered vaccinated herd**
21 **certificate.** Following the receipt by the board of a report of
22 the initial negative herd test and the signed herd agreement,
23 the board shall issue a numbered qualified negative gene-altered
24 herd certificate. The initial qualification is valid for 90
25 days or until the next scheduled requalification test.

26 Subp. 3. **Requalification testing.** The pseudorabies status
27 of a qualified negative gene-altered vaccinated herd must be
28 maintained by having a negative test of at least 20 percent of
29 the breeding herd every 80 to 100 days.

30 All qualified negative gene-altered vaccinated herds must
31 use one of the following herd testing schedules:

32 A. To test on a quarterly schedule:

33 (1) test 20 percent of the breeding herd every 90
34 days;

35 (2) test offspring over four months of age that
36 are located on the same premises as the breeding herd every 90

1 days using the following test schedule:

2 (a) 10 head or less, test all;

3 (b) 11 to 35 head, test 10;

4 (c) 36 or more head, test 30 percent up to a
5 maximum of 30 head; and

6 (3) test offspring over four months of age that
7 are located on any premises different than that of the breeding
8 herd every 30 days using an official random sample test (95/10);
9 or

10 B. To test on a monthly schedule:

11 (1) test seven percent of the breeding herd every
12 30 days;

13 (2) test offspring over four months of age that
14 are located on the same premises as the breeding herd every 30
15 days using the following schedule:

16 (a) 10 head or less, test all;

17 (b) 11 or more head, test 10 head; and

18 (3) test offspring over four months of age that
19 are located on any premises different than that of the breeding
20 herd every 30 days using an official random sample test (95/10).

21 If the breeding herd or offspring are maintained on more
22 than one premises, the appropriate percentage of the animals on
23 each premises must be tested for each requalification.

24 Subp. 4. **Qualification canceled, regained.** The board
25 shall cancel qualified negative gene-altered vaccinated herd
26 status if any swine show a positive test or are diagnosed as
27 having pseudorabies, if herd additions are made contrary to
28 subparts 5 and 6, or for failure to comply with subpart 3.

29 Swine herds which have lost their qualified negative
30 gene-altered vaccinated herd status may regain that status by
31 being free of pseudorabies for a period of 90 days and by
32 following the herd qualification procedure in subpart 1.

33 Subp. 5. **Testing purchased additions.** All purchased
34 additions, except those purchased pursuant to subpart 6, must
35 have a negative test for pseudorabies within 30 days prior to
36 movement, and must be isolated and retested negative at least 15

1 and within 45 days from the date of their arrival upon the
2 premises.

3 Subp. 6. Additions from qualified herds. Additions may be
4 purchased directly from a qualified pseudorabies-negative herd
5 or a qualified negative gene-altered vaccinated herd without
6 isolation or testing.

7 Subp. 7. Swine returned to qualified negative gene-altered
8 vaccinated herd. Swine returned to qualified negative
9 gene-altered vaccinated herds from exhibitions or which are
10 otherwise commingled with swine from herds not qualified must be
11 kept in isolation upon return for 15 days and have a negative
12 pseudorabies test before rejoining the herd.

13 Subp. 8. Sale from qualified negative gene-altered
14 vaccinated herd. Swine from a qualified negative gene-altered
15 vaccinated herd may be sold in Minnesota for breeding or feeding
16 purposes without further testing or restriction of movement
17 unless they are sold through a swine concentration point.

18 Subp. 9. Qualification of breeding swine sales centers.
19 Breeding swine sales centers operated by breeding companies, in
20 which animals are collected from qualified herds, must test ten
21 percent of their hog inventory each month with a minimum of ten
22 animals tested.

23 1705.2500 COMMUNITY NOTIFICATION.

24 Following the declaration of a quarantine or approval of
25 approved premises status, the board shall notify owners of
26 livestock located within a one-mile radius of the quarantined
27 herd or approved premises.

28 1715.0105 EXHIBITION OF SWINE.

29 All swine, except swine entered in a slaughter class
30 pursuant to part 1715.0060, must:

31 A. have had a negative official or approved
32 differential pseudorabies test conducted within 30 days prior to
33 the opening date of the exhibition, a record of which and the
34 result must be entered on a test chart or certificate of
35 veterinary inspection and presented to the official veterinarian

1 at the time of entry; or

2 B. originate from a qualified pseudorabies-negative
3 herd or a qualified negative gene-altered vaccinated herd
4 pursuant to parts 1705.2480 and 1705.2482, with the qualified
5 herd number or pseudorabies-controlled vaccinated herd number
6 and date of last qualifying test reported to the official
7 veterinarian at the time of entry.

8 1715.0550 SALE OF SWINE.

9 Subpart 1. Order of sale in mixed market facilities.

10 Slaughter swine must be sold after feeder and breeding swine in
11 markets that do not use completely separate facilities for
12 slaughter swine. No feeder or breeding swine may be sold
13 through slaughter swine facilities until the facilities are
14 cleaned and disinfected. Breeding swine must be sold through
15 the sales ring first, followed by monitored feeder pigs.

16 Subp. 2. Breeding swine. Breeding swine must:

17 A. be negative to an official or approved
18 differential pseudorabies test less than 30 days before sale or
19 originate from a qualified pseudorabies-negative herd or a
20 qualified negative gene-altered vaccinated herd;

21 [For text of items B to D, see M.R.]

22 Subp. 3. Feeder pigs. Feeder pigs and all swine other
23 than breeding or slaughter swine must:

24 A. be identified by a metal eartag, legible
25 pseudorabies-monitored herd numbered ear tattoo, legible
26 pseudorabies-monitored herd number shoulder slap tattoo, or
27 pseudorabies-monitored herd numbered eartag;

28 B. leave the sale with a restricted-movement
29 certificate; and

30 C. feeder pigs sold must be tested negative for
31 pseudorabies within 30 days prior to sale or originate from:

32 (1) a qualified pseudorabies-negative herd;
33 (2) a qualified negative gene-altered vaccinated
34 herd;

35 (3) an officially designated low-prevalence Stage

1 III, IV, or V pseudorabies area; or

2 (4) a pseudorabies-monitored herd complying with
3 part 1705.2474.

4 While in transit through marketing channels, all feeder
5 pigs from monitored herds must be maintained so that they are
6 not exposed to swine of unknown pseudorabies status or
7 maintained in facilities or trucks contaminated by those swine.
8 Failure to do so causes them to lose their monitored status.

9 [For text of subps 4 and 5, see M.R.]

10 Subp. 6. **Location of pseudorabies-restricted feeder pig**
11 **markets.** Pseudorabies-restricted feeder pig markets under this
12 part may not be established or authorized in the northern zone
13 as defined in part 1705.2472 or in an area that is in Stage III,
14 IV, or V of the national pseudorabies eradication program.

15 1715.0705 SALE OF SWINE.

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

17 Subp. 2. **Breeding swine.** Breeding swine must:

18 A. be negative to an official or approved
19 differential pseudorabies test less than 30 days before sale or
20 originate from a qualified pseudorabies-negative herd or a
21 qualified negative gene-altered vaccinated herd;

22 [For text of items B to E, see M.R.]

23 Subp. 3. **Feeder pigs.** Feeder pigs and all other swine
24 other than breeding or slaughter swine must:

25 A. be identified by a metal eartag, legible
26 pseudorabies-monitored herd numbered ear tattoo, legible
27 pseudorabies-monitored herd number shoulder slap tattoo, or
28 pseudorabies-monitored herd numbered eartag;

29 B. leave the sale with a restricted-movement
30 certificate;

31 C. be tested negative for pseudorabies within 30 days
32 prior to sale or originate from:

33 (1) a qualified pseudorabies-negative herd;

34 (2) a qualified negative gene-altered vaccinated
35 herd;

1 (3) an officially designated Stage III, IV, or V
2 low-prevalence pseudorabies area; or

3 (4) a pseudorabies-monitored herd complying with
4 part 1705.2474.

5 While in transit through marketing channels, all feeder
6 pigs from monitored herds must be maintained so that they are
7 not exposed to swine of unknown pseudorabies status or
8 maintained in facilities or trucks contaminated by those swine.
9 Failure to do so causes them to lose their monitored status.

10 1715.1450 SALE OF SWINE.

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

12 Subp. 2. **Breeding swine.** Breeding swine must:

13 A. be negative to an official or approved
14 differential pseudorabies test less than 30 days before sale or
15 originate from a qualified pseudorabies-negative herd or a
16 qualified negative gene-altered vaccinated herd;

17 [For text of items B to E, see M.R.]

18 Subp. 3. **Feeder pigs.** Feeder pigs and all other swine
19 other than breeding or slaughter swine must:

20 A. be identified by a metal eartag, legible
21 pseudorabies-monitored herd numbered ear tattoo, legible
22 pseudorabies-monitored herd number shoulder slap tattoo, or
23 pseudorabies-monitored herd numbered eartag;

24 B. leave the sale with a restricted-movement
25 certificate; and

26 C. all feeder pigs must be tested negative for
27 pseudorabies within 30 days prior to sale or originate from:

28 (1) a qualified pseudorabies-negative herd;

29 (2) a qualified negative gene-altered vaccinated
30 herd;

31 (3) an officially designated Stage III, IV, or V
32 low-prevalence pseudorabies area; or

33 (4) a monitored pseudorabies-negative herd
34 complying with part 1705.2474.

35 While in transit through marketing channels, all feeder

1 pigs from monitored herds must be maintained so that they are
2 not exposed to swine of unknown pseudorabies status or
3 maintained in facilities or trucks contaminated by those swine.
4 Failure to do so causes them to lose their monitored status.

5 [For text of subp 4, see M.R.]

6 REPEALER. Minnesota Rules, parts 1705.2400, subpart 7;
7 1705.2434, subpart 3; 1705.2450, subpart 3; 1705.2460, subpart
8 9; 1705.2470, subpart 2a; 1705.2472, subpart 3; 1705.2490; and
9 1705.2510, are repealed.