

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 subps 1 and 2, see M.R.]

8 Subp. 3. **Breeding herd.** "Breeding herd" means all swine
9 on one premises for a minimum of 60 days that are maintained for
10 breeding purposes. These swine must be kept separated from all
11 swine from other sources, and care personnel and equipment must
12 not be interchanged with other herds. For purposes of blood
13 testing, the new additions to a swine herd must be in the herd
14 at least 60 days.

15 The terms "swine," "pigs," and "hogs" are used
16 interchangeably in parts 1705.2400 to 1705.2530.

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

18 Subp. 5a. **Low-prevalence pseudorabies area; Stage III area.**
19 "Low-prevalence pseudorabies area" or "Stage III area" means a
20 state or area that is cooperating in the national PRV
21 eradication program. A Stage III area must have a surveillance
22 program in operation that shows less than one percent herd
23 infection rate and a mandatory herd cleanup program for infected
24 herds.

25 [For text of subps 5b to 8, see M.R.]

26 Subp. 8a. **Approved premises.** "Approved premises" means a
27 feedlot that has been inspected by board personnel and approved
28 to feed out quarantined feeder pigs or light weight ~~butcher~~
29 market hogs in isolation from other domestic animals and sell
30 those pigs directly to slaughter, in compliance with part
31 1705.2434.

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

35 "Quarantined herd" includes a herd quarantined because of the

1 owner's refusal to test the herd as required by parts 1705.2400
2 to 1705.2530.

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

4 Subp. 13. Official random sample test. "Official random
5 sample test" means a herd sampling procedure that considers each
6 segregated group of swine at a particular site to be a separate
7 group and sample as follows:

8 A. less than 100 head, test 25;

9 B. 100 to 200 head, test 27;

10 C. 201 to 999 head, test 28; and

11 D. 1,000 or over, test 29.

12 In each breeding herd, ~~all-parities~~ each parity must be
13 included in the sample.

14 Subp. 14. Official pseudorabies herd cleanup plan.

15 "Official pseudorabies herd cleanup plan" means a plan to
16 eliminate pseudorabies from a swine herd, developed by the board
17 in consultation with the herd owner and the owner's veterinary
18 practitioner, when applicable, that is mutually acceptable to
19 those parties and then approved by the state animal health
20 official.

21 Subp. 15. Breeding swine sales center. "Breeding swine
22 sales center" means a swine facility where breeding swine are
23 congregated for resale purposes.

24 1705.2430 INFECTED HERD QUARANTINE AND DISPOSAL PROCEDURES.

25 [For text of subps 1 and 2, see M.R.]

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

28 [For text of item A, see M.R.]

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

1 the feedlot owner agrees to sell all the swine from the feedlot
2 directly for slaughter accompanied by a shipping permit or
3 owner's notice of shipment.

4 C. A quarantined swine herd may be sold to another
5 owner if the buyer agrees to:

6 (1) maintain them at the same place where the
7 herd was quarantined, with the permission of the board; and

8 (2) sign a an approved official pseudorabies herd
9 cleanup plan.

10 No person may sell swine that are known to be infected with
11 or have been exposed to pseudorabies, except directly to
12 slaughter or, in the case of feeder pigs, to approved premises.
13 Breeding swine may be sold under item C. Quarantined animals
14 may not be shown at public exhibitions.

15 Subp. 4. **Movement to another location.** If movement is
16 otherwise allowable under these rules, quarantined swine may be
17 moved from their farm of origin to another location only with
18 the prior approval of the district veterinarian. The new
19 location may not be within the northern zone or within two miles
20 of a qualified or controlled vaccinated herd. The new location
21 must be quarantined by the district veterinarian and subject to
22 the same restrictions as the original quarantined premises. All
23 of the swine that are moved except for those under an approved
24 offspring segregation plan must be vaccinated for pseudorabies
25 and the herd must be on an official herd cleanup plan.

26 1705.2434 APPROVED PREMISES PROCEDURES.

27 Subpart 1. **Qualifications.** No person may accept feeder
28 swine from quarantined herds for purposes of feeding them out
29 unless a permit is obtained from the board. A person seeking a
30 permit must agree to provide the board's representative access
31 to the feedlot and records required by this part during business
32 hours. The board shall grant an approved premises permit when
33 otherwise authorized by this part and part 1705.2472, subpart 2,
34 item F. The permit allows the person to whom it is issued to
35 obtain feeder pigs from quarantined herds and feed them out.

1 The approved premises must comply with the following
2 requirements:

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

4 D. Feeder swine must be vaccinated for pseudorabies
5 at the owner's expense on or before arrival at the approved
6 premises. Vaccination records must be maintained for one year
7 for inspection by board personnel.

8 [For text of items E to G, see M.R.]

9 Subp. 2. Location. No approved premises may be
10 established within the Minnesota northern zone established in
11 part 1705.2472, subpart 1, or in a county in the southern zone
12 that has been declared to be in Stage III of the national
13 pseudorabies eradication program. Approved premises may not be
14 established within a two mile radius of an existing qualified or
15 controlled vaccinated herd or a swine herd in the process of
16 becoming a qualified herd.

17 Subp. 3. Notification of neighbors. The board shall
18 notify neighbors owning livestock within a one-mile radius of
19 the establishment of approved premises.

20 Subp. 4. Annual renewal. Approved premises permits must
21 be renewed annually by the board, based upon an annual report of
22 the district veterinarian for the district in which the feedlot
23 is located. The permit must be renewed if the district
24 veterinarian finds that the feedlot is and has been in
25 compliance with the board's rules. The district veterinarian
26 shall inspect approved premises on the complaint of any person
27 or at the board's direction. The board may suspend or cancel
28 the permit of approved premises for noncompliance with the
29 requirements in this part. Whenever the permit of approved
30 premises is suspended, canceled, or not renewed, the feedlot
31 remains under pseudorabies quarantine until the quarantine is
32 released under part 1705.2440.

33 Subp. 5. Continued operation of approved premises.
34 Approved premises that have legally been established under this
35 part must be permitted to continue to operate if a swine herd
36 within two miles subsequently becomes a qualified or controlled

1 vaccinated herd.

2 1705.2440 RELEASE OF QUARANTINE.

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

5 [For text of item A, see M.R.]

6 B. Test and removal must be accomplished according to
7 subitem (1) or (2).

8 (1) All swine positive to an official
9 pseudorabies serologic test must be removed from the premises.
10 All breeding swine that remain in the herd and a 28 head random
11 sample of grower-finishing swine over two months of age must be
12 subjected to an official pseudorabies serologic test and found
13 negative 30 days or more after removal of swine positive to an
14 official pseudorabies serologic test. A second test at least 30
15 days after the first is required if the state or area is in
16 Stage III or IV of the pseudorabies program.

17 (2) During Stage I or II of the pseudorabies
18 program, all swine present on the date a quarantine was imposed
19 must be removed from the herd and there must be no clinical
20 signs in the herd for at least six months. Two successive
21 official random sample tests of the breeding herd, conducted at
22 least 90 days apart, must be determined by the official
23 pseudorabies epidemiologist to reveal no infection. Two
24 successive official random sample tests of progeny at least four
25 months of age, conducted at least 90 days apart, must be
26 negative.

27 In finishing herds without any breeding swine, there must
28 be two successive negative official random sample tests,
29 conducted at least 90 days apart, on hogs over four months of
30 age.

31 Herds removed from quarantine by the official random sample
32 testing schedule must be tested negative by an official random
33 sample test one year ~~later~~ after the quarantine is released.

34 C. Offspring segregation: Progeny may be weaned,
35 isolated from a quarantined herd under direction of the board,

1 and pass two negative official tests of 100 percent of these
 2 pigs at least 30 days apart. If all tests are negative, the
 3 quarantine must be released.

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

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

6 1705.2460 INTRASTATE MOVEMENT OF BREEDING SWINE.

7 Subpart 1. Health certificate. No person may sell, lease,
 8 exhibit, loan, or move for contract farrowing breeding swine
 9 within the state of Minnesota except to slaughter unless the
 10 swine are accompanied by a health certificate or test chart
 11 provided by the seller which includes:

12 [For text of item A, see M.R.]

13 B. a negative official pseudorabies test conducted
 14 within 30 days prior to the sale, except for swine from a
 15 qualified pseudorabies-negative herd or a
 16 pseudorabies-controlled vaccinated herd. ~~It is strongly~~
 17 ~~recommended that any breeding swine purchased be isolated for 14~~
 18 ~~days and then pass a negative test prior to their introduction~~
 19 ~~into the herd.~~

20 [For text of subps 2 to 8, see M.R.]

21 Subp. 9. Sale without test. Vaccinated hogs may be sold
 22 to another owner without a negative pseudorabies test if the
 23 buyer agrees to maintain them on the same premises, accepts a
 24 pseudorabies quarantine, and signs an approved official
 25 pseudorabies herd cleanup plan.

26 1705.2472 CONTROL AND ERADICATION OF PSEUDORABIES.

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

28 Subp. 2. Phased in control of intrastate movement of
 29 feeder pigs. After July 1, 1988, in the northern zone and after
 30 January 1, 1990, statewide, feeder swine moved from the premises
 31 of origin must comply with the feeder swine movement regulations
 32 in this subpart.

33 A. Feeder swine moving from the premises of origin
 34 must originate from one of the following source herds:

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

1 (4) Stages III, IV, and V low-prevalence
2 pseudorabies areas.

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

4 F. In order to prevent the spread of pseudorabies
5 into the northern zone and into qualified pseudorabies-negative
6 herds, ~~the board shall take the following actions:~~

7 (1) The board shall establish no approved
8 premises in the northern zone after January 1, 1988.

9 (2) The board shall establish no new approved
10 premises within a two-mile radius of a qualified or controlled
11 vaccinated herd in Minnesota.

12 (3) After July 1, 1988, only monitored feeder
13 pigs or breeding swine from nonquarantined herds that have had a
14 negative pseudorabies test within the last 30 days or have
15 originated from a qualified herd may be moved into the northern
16 zone.

17 Subp. 3. Participation in the national pseudorabies
18 eradication program. For the purposes of the eradication of
19 pseudorabies in Minnesota, ~~the following steps must be taken:~~

20 A. Efforts must be made to have the northern zone
21 declared a low-prevalence (Stage III) area. If such a status is
22 attained, it will be permissible for the feeder pig producers in
23 that area to sell their feeder pigs without further testing.

24 B. In order to attain Stage III status, a plan of
25 mandatory infected herd cleanup must be in effect. Herd cleanup
26 plans must be submitted to the board on all quarantined herds in
27 the northern zone.

28 C. In order to maintain the Stage III status, a
29 system of surveillance must be carried out annually.

30 1705.2474 PSEUDORABIES MONITORED HERD PROCEDURES.

31 Subpart 1. Initial herd certification. In order to be
32 certified as a pseudorabies monitored herd, a representative
33 sample of the breeding herd must be tested annually and be
34 negative for pseudorabies. Testing must be done at the owner's
35 expense unless state funds are available for this purpose. The

1 sample must include 30 percent of additions to the breeding herd
 2 since the last herd monitoring test. The sample sizes must be
 3 as follows:

- 4 A. in herds of ten sows or less, all must be tested;
 5 B. in herds of 11 to 35 sows, ten must be tested; or
 6 C. in herds of 36 sows or more, 30 percent or 30
 7 head, whichever is less, must be tested; ~~or.~~

8 ~~D. have proof that they originated directly from a~~
 9 ~~Stage III, IV, or V area.~~

10 Subp. 2. Proof of herd status. All swine producers or
 11 dealers selling feeder pigs in Minnesota shall provide to the
 12 buyer proof of the pseudorabies monitored status of the herd of
 13 origin upon request. That proof must include one of the
 14 following:

- 15 A. a current pseudorabies monitored herd
 16 identification card or other proof of a current herd monitoring
 17 test;
 18 B. a qualified pseudorabies-negative herd number; ~~or~~
 19 C. a pseudorabies-controlled vaccinated herd number;
 20 or
 21 D. have proof that they originated directly from a
 22 Stage III, IV, or V area.

23 [For text of subps 2-~~to~~ 3 and 4, see M.R.]

24 1705.2476 PSEUDORABIES SURVEILLANCE AND CONTROL OF SPREAD.

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

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

34 [For text of items A to D, see M.R.]

35 Subp. 5. Cleanup of herds disclosed to be positive near

1 qualified and controlled vaccinated herds. In order to protect
 2 Minnesota's swine bloodlines, all herds that are disclosed to be
 3 pseudorabies-positive within a one and one-half mile radius of
 4 all qualified and controlled vaccinated herds must:

5 A. begin a board-approved official pseudorabies herd
 6 cleanup plan within a three-month period or vaccinate all
 7 breeding swine with an approved pseudorabies vaccine on a
 8 continuing basis; and

9 B. vaccinate all feeder pigs coming into finishing
 10 herds.

11 Subp. 6. Circle testing around quarantined herds. The
 12 board shall require a test of a representative sample of swine
 13 in herds within a one and one-half mile radius of the following
 14 herds:

15 [For text of items A and B, see M.R.]

16 Subp. 7. Mandatory herd monitoring. In order to identify
 17 all the infected herds in Minnesota and to move ahead with the
 18 national pseudorabies eradication program, ~~all swine herds must~~
 19 ~~achieve the following:~~

20 A. ~~by July 1, 1991, all swine herds in the northern~~
 21 ~~zone Minnesota must have begun an annual herd monitoring program.~~

22 B. ~~By July 1, 1992, all herds in the southern zone~~
 23 ~~must have begun an annual herd monitoring program.~~

24 The same hog bleeding schedule will be followed as is used
 25 in the feeder pig monitoring program, part 1705.2474, subpart 1,
 26 item A.

27 This bleeding must be done at the owner's expense and ~~must~~
 28 may be discontinued when the area in which the herd is located
 29 becomes a Stage III area.

30 If an owner refuses to carry out this herd monitoring, the
 31 herd must be considered to be infected and must be quarantined.

32 Subp. 8. Quarantined herd cleanup.

33 A. By July 1, 1991, all quarantined herds in the
 34 northern zone must have signed an approved official pseudorabies
 35 herd cleanup plan.

36 B. By July 1, 1992, all quarantined herds in the

1 southern zone must have signed an approved official pseudorabies
2 herd cleanup plan.

3 This herd cleanup testing ~~must~~ will be paid for by state or
4 federal funds. If state or federal funds are not available,
5 herd cleanup must not be mandated, but may be voluntarily done
6 at the owner's expense.

7 1705.2480 QUALIFIED PSEUDORABIES-NEGATIVE HERD PROCEDURES.

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

10 [For text of item A, see M.R.]

11 B. all breeding stock six months of age or older must
12 have passed an initial negative pseudorabies test plus a
13 negative ~~random-sample~~ test of the offspring over four months of
14 age, ~~and~~ using the following testing schedule:

15 (1) 10 head or less, test all;

16 (2) 11 to 35 head, test 10; or

17 (3) 36 or more head, test 30 percent up to a

18 maximum of 30 head; and

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

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

21 Subp. 3. **Requalification testing.** The pseudorabies status
22 of a qualified pseudorabies-negative herd must be monitored and
23 its status maintained by having a negative test of at least 25
24 percent of the breeding herd every 80 to 100 days. All breeding
25 swine must be subject to at least one official test once a
26 year. No swine may be tested twice in one year to comply with
27 the 25 percent test requirement.

28 All qualified herds must use one of the following herd
29 bleeding schedules:

30 A. a negative test of 25 percent of the breeding herd
31 and ~~an-official-random-sample~~ a negative test of the offspring
32 over four months of age every 90 days as outlined in subpart 1,
33 item B; or

34 B. a negative test of ten percent of the breeding
35 herd every 30 days and ~~an-official-random-sample~~ a negative test

1 of the offspring over four months of age every 90 days as
2 outlined in subpart 1, item B.

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

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

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

10 Subp. 9. **Qualifications of breeding swine sales centers.**

11 Breeding swine sales centers operated by breeding companies, in
12 which animals are collected from qualified negative herds, must
13 test ten percent of their hog inventory each month with a
14 minimum of ten animals tested.

15 1705.2500 COMMUNITY NOTIFICATION OF PSEUDORABIES INFECTION.

16 Following the declaration of a quarantine or approval of
17 approved premises status, the board shall notify livestock
18 owners within a one-mile radius of the infected herd or approved
19 premises.