

TITLE 8: AGRICULTURE AND ANIMALS
CHAPTER I: DEPARTMENT OF AGRICULTURE
SUBCHAPTER b: ANIMALS AND ANIMAL PRODUCTS
(EXCEPT MEAT AND POULTRY INSPECTION ACT REGULATIONS)

PART 115
ILLINOIS PSEUDORABIES CONTROL ACT

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AUTHORITY: Implementing and authorized by the Illinois Pseudorabies Control Act [510/ILCS 90/1].

SOURCE: Adopted at 12 Ill. Reg. 3394, effective January 22, 1988; amended at 13 Ill. Reg. 3685, effective March 13, 1989; amended at 14 Ill. Reg. 1935, effective January 19, 1990; amended at 14 Ill. Reg. 5065, effective March 21, 1990; amended at 14 Ill. Reg. 15318, effective September 10, 1990; amended at 16 Ill. Reg. 11781, effective July 8, 1992, emergency amendment at 17 Ill. Reg. 5906, effective March 17, 1993, for a maximum of 150 days; amended at 17 Ill. Reg. 14006, effective August 16, 1993; amended at 20 Ill. Reg. 1542, effective January 12, 1996; amended at 21 Ill. Reg. 904, effective January 7, 1997; amended at 21 Ill. Reg. 17079, effective January 1, 1998; amended at 23 Ill. Reg. 434, effective January 1, 1999; amended at 24 Ill. Reg. 1012, effective January 10, 2000; emergency amendment at 24 Ill. Reg. 8620, effective June 15, 2000, for a maximum of 150 days; amended at 24 Ill. Reg. 16630, effective November 1, 2000; amended at 26 Ill. Reg. 118, effective January 1, 2002; amended at 26 Ill. Reg. 14638, effective Sept. 23, 2002.

Section 115.10 Definitions

The definitions for this Part shall be as set forth in the general definitions Section (8 Ill. Adm. Code 20.1). Also, the following definitions shall apply to this Part:

"Act" means the Illinois Pseudorabies Control Act [510 ILCS 90/1].

"Official random-sample test (95/5) means a sampling procedure utilizing official pseudorabies serologic tests that provides a 95 percent probability of detecting infection in a herd in which at least 5 percent of the swine are seropositive for pseudorabies. Each segregated group of swine on an individual premises must be considered a separate herd and sampled as follows:

- Less than 100 head - test 45
- 100-200 head - test 51
- 201-999 head - test 57
- 1000 and over - test 59

"Official random-sample test (95/10) means a sampling procedure utilizing official pseudorabies serologic tests that provides a 95 percent probability of detecting infection in a herd in which at least 10 percent of the swine are seropositive for pseudorabies. Each segregated group of swine on an individual premises must be considered a separate herd and sampled as follows:

- Less than 100 head - test 25
- 100-200 head - test 27
- 201-999 head - test 28
- 1000 and over - test 29

"Official test" or "test" means any serologic test for the detection of pseudorabies (serum neutralization (SN), for

example) as approved by the United States Department of Agriculture (9 CFR 85.1, 2002) and conducted in an approved laboratory.

(Source: Amended at 26 Ill. Reg. 14638, effective September 23, 2002)

Section 115.15 Incorporation by Reference

The Pseudorabies Eradication State-Federal-Industry Program Standards (Jan. 2001) as approved by the United States Animal Health Association (P.O. Box 28176, Suite 205, 6924 Lakeside Avenue, Richmond, Virginia 23228-0176) is incorporated by reference in this Part does not include any later amendments or editions beyond the date specified.

(Source: Amended at 26 Ill. Reg. 118, effective January 1, 2002)

Section 115.20 Pseudorabies Quarantines

- a) When pseudorabies has been diagnosed in a swine herd, such herd shall be placed under quarantine when:
 - 1) It has been determined that there have been multiple swine deaths on the premises that are attributable to pseudorabies AND that swine are actually ill of a disease clinically diagnosed as pseudorabies; OR
 - 2) Pseudorabies (Aujeszky's disease) has been confirmed by diagnosis by an approved laboratory; OR
 - 3) One or more swine are positive to an official test for pseudorabies. Positive swine may be retested once. The results of the retest will be considered final.
- b) Quarantined animals shall not be sold, loaned or traded except for slaughter. Such swine may be shipped to any market, except those which release swine for breeding or feeding purposes which do not have complete separation in space and usage of slaughter swine from breeding and feeding swine. Examples of markets which shall not receive such swine for slaughter are livestock auction markets which do not have complete separation in space and usage of slaughter swine from breeding and feeding swine, other markets licensed as feeder swine dealers, or order buyers and other slaughter buyers releasing swine for breeding or feeding purposes.
- c) Pseudorabies quarantines shall be released when:
 - 1) All swine on the premises have been shipped to slaughter, the premises have been cleaned and disinfected, and the premises have remained vacant for at least 30 days; OR
 - 2) Two negative official pseudorabies tests at least 90 days apart have been obtained on a representative sample of the breeding swine in the herd 6 months of age and over not less than 30 days after the last positive animal has been shipped to slaughter. In herds of 35 animals or less, a representative sample is all or 10 animals, whichever is less. In herds of 36 to 299 animals, a representative sample is 30% or 30 animals, whichever is less. In herds of 300 animals or more, a representative sample is a minimum of 10%. A post quarantine test of a representative sample of the herd based on the above criteria shall be conducted between six and twelve months after release of quarantine; OR
 - 3) A negative test has been made on the complete breeding herd at least 30 days after the last known exposed swine have left the premises.
 - 4) Department shall require additional herd tests prior to release of quarantine when epidemiologic evidence, such as, the presence of pseudorabies on neighboring farms or indications of reintroduction of infection into the herd is apparent.

(Source: Amended at 16 Ill. Reg. 11781, effective July 8, 1992)

Section 115.30 General Requirements for Qualified Pseudorabies Negative and Negative Gene-Altered Vaccinated Herds

- a) Herd certificates shall be issued upon completion of the required initial tests. Each certificate shall include a herd number.
- b) Herds shall consist of at least 5 swine and shall be considered as including all breeding swine in the herd 6 months of age and over.
- c) All swine shall be identified by registry association approved individual tattoo, ear notch, registration number or ear tag.
- d) Blood samples shall be collected by an accredited veterinarian and shall be submitted to an approved laboratory for diagnosis. The veterinarian shall indicate the purpose for which the test is being conducted on the test chart.
- e) Positive animals disclosed as a result of initial or maintenance testing and the herd involved shall also be subject to the requirements of Section 115.20.
- f) Swine maintained as feeder swine on the same premises as these herds must be farrowed on the farm, OR must enter the premises under the provisions required for breeding swine in 8 Ill. Adm. Code 105.30

- or Section 115.70 of this Part.
- g) The owner shall annually provide the breed of animals, method of identification, and inventory of the herd and agree to abide by the rules of this Part.
 - h) Testing and/or vaccinating costs shall be at the expense of the owner. The Department shall not be responsible for any damage or loss incurred as a result of testing and/or vaccination.
 - i) The owner shall permit authorized representatives of the Department to inspect the premises and the herd.
 - j) Failure to meet the requirements for maintenance of a certificate shall result in its revocation.

(Source: Amended at 16 Ill. Reg. 11781, effective July 8, 1992)

Section 115.40 Requirements for Establishing and Maintaining Qualified Pseudorabies Negative Herds

- a) Initial Requirements:
 - 1) Herds which are not under quarantine for pseudorabies shall be initially qualified upon completion of one negative herd test of all breeding swine 6 months of age and over plus a number of progeny equal to 20 percent of the breeding swine population of the herd. Progeny shall be randomly selected from the swine between 4 and 6 months of age.
 - 2) A minimum of 90 percent of the herd shall have been on the premises for at least 60 days OR shall have originated direct from another qualified pseudorabies negative herd.
 - 3) If positive swine are disclosed in a herd in the process of becoming a qualified pseudorabies negative herd, the positive animals shall be immediately isolated from the remainder of the herd and be disposed of for slaughter OR be maintained on another premises separate and apart from that where the negative swine are maintained. The herd shall then be recognized as a qualified pseudorabies negative herd when it has complied with the provisions of Section 115.40(a)(1).
 - 4) A qualified pseudorabies negative herd may be established without a complete herd test if all the swine originate from qualified pseudorabies negative herds and, within 21-45 days of arrival, all swine in the initial shipment (up to 50 animals) are tested and found negative.
- b) Maintenance Requirements:
 - 1) Qualified pseudorabies negative herd status is maintained by subjecting all swine over 6 months of age in the herd to an official pseudorabies serologic test at least once each year (this shall be accomplished by testing 20 percent of swine 6 months of age and over and a number of offspring 4 to 6 months of age located on the same premises as the breeding herd equal to 6 percent of the breeding animals in the herd every 80 to 105 days and finding all swine so tested negative, or by testing 7 percent of all breeding swine 6 months of age or older, and a test of the offspring 4 to 6 months of age located on the same premises equal to 2 percent of the breeding animals in the herd each month and finding all swine so tested negative). If the members of the qualified herd are maintained on more than one premises, 20 percent plus progeny or 7 percent plus progeny of the swine on each premises shall be retested as required. If the retests are not conducted when due, the requalification requirements shall then be the same as for initial qualification. Upon approval from the Director, status may also be maintained on the basis of a monthly negative official random- sample test (95/5) in each separate population of breeding swine on a premises, and a monthly test of 50 offspring 4 to 6 months of age located on the same premises as the breeding herd. Sampling in the population must be random, and the test protocol in the herd must be part of the approval. Progeny must be selected at random from all groups on the premises.
 - 2) If positive swine are disclosed on a requalification test, or on a test for any other purpose, the positive swine shall be immediately isolated from the remainder of the herd and be disposed of for slaughter OR maintained on another premises separate and apart from that where the negative swine are maintained. The infected premises or portions thereof shall be cleaned and disinfected. Such herd may again be recognized as a qualified pseudorabies negative herd upon completion of a negative herd test of all swine in the herd 6 months of age and over and an official random-sample (95/10) test of progeny 2-6 months of age conducted not less than 30 days after the last infected swine have been removed and the premises cleaned and disinfected.
- c) Additions:
 - 1) Swine originating in another qualified pseudorabies negative herd may enter Illinois qualified pseudorabies negative herd without test.
 - 2) Swine originating from other than a qualified pseudorabies negative herd shall be negative to an official test for pseudorabies conducted not more than 30 days prior to entry into the herd, shall be held in isolation from the other members of the qualified herd, and shall be retested and negative to an official test for pseudorabies not less than 30 nor more than 60 days following entry.
 - 3) Members of a qualified pseudorabies negative herd which are exhibited or are otherwise commingled with swine from non-qualified pseudorabies negative herds shall be held in isolation on the herd premises for a minimum of 30 days after return AND shall be tested and negative to an

- official test for pseudorabies before being reunited with other members of the qualified herd.
- d) Establishing and maintaining a qualified pseudorabies negative growout premises on which no adult breeding swine are maintained:
- 1) In herds where the pigs are moved within one week of weaning from a pseudorabies negative herd to either a growout or sales point, a pseudorabies test is not required.
 - 2) Pseudorabies negative status may be attained in the growout facility by a monthly negative random sample test (95/5) beginning within 30 days after the establishment of the herd, except that in all-in/all-out units, one test of 50 head is required of each group. If the breeding herd, growout and sales point herd are all located in Illinois, testing is not required.
 - 3) Pseudorabies negative status is attained in the sales point herd by a negative official pseudorabies test of the entire initial shipment or 50 head selected at random, whichever is less. Pseudorabies negative status may be maintained by a monthly negative official pseudorabies test of 50 swine selected at random from those that have been in the herd at least 30 days, except that in all-in/all-out units, one test of 50 head is required of each group. Each segregated group of swine on an individual premises must be considered a separate herd.

(Source: Amended at 23 Ill. Reg. 434, effective January 1, 1999)

Section 115.50 Requirements for Establishing and Maintaining Pseudorabies Qualified-Negative Gene-Altered Vaccinated (QNV) Swine Herds

- a) Initial Requirements:
- 1) Pseudorabies qualified-negative gene-altered vaccinated (QNV) herd status may be granted if no swine in the herd are known to be infected with or exposed to pseudorabies and if the only swine vaccinated for pseudorabies have been vaccinated with a single official gene-altered pseudorabies vaccine. All swine over 6 months of age plus a number of the progeny equal to 20 percent of the breeding swine population of the herd must be subjected to an approved differential pseudorabies test and all swine must be negative. Progeny shall be randomly selected from swine between 4 and 6 months of age.
 - 2) A minimum of 90 percent of the herd shall have been on the premises for at least 60 days OR originate directly from a qualified pseudorabies negative swine herd or from another QNV herd.
 - 3) If positive swine are disclosed in a herd in the process of becoming a QNV herd, the positive swine shall be immediately isolated from the remainder of the herd and may be retested at the owner's expense with the special laboratory test designated to determine vaccination titers from field exposure. If the swine are determined to be positive only as a result of vaccination titers, the herd shall then be granted QNV herd status. If the swine are determined to be infected with field virus, the positive swine shall be disposed of for slaughter OR be maintained on another premises separate and apart from that where the negative swine are maintained. The premises shall be cleaned and disinfected following removal of the positive swine. The herd shall then be granted QNV herd status when it has complied with the provisions of subsection (a)(1).
- b) Maintenance Requirements:
- 1) Pseudorabies-negative gene-altered vaccinated herd status shall be maintained continuously by a negative retest of 20 percent of all breeding swine 6 months of age or older, and a number of offspring 4 to 6 months of age located on the same premises as the breeding herd equal to 6 percent of the breeding animals in the herd at approximately each 90 days (80-105 days) OR 7 percent of all breeding swine 6 months of age or older, and a number of offspring 4 to 6 months of age located on the same premises as the breeding herd equal to 2 percent of the breeding animals in the herd at approximately each 30 days (25-35 days). Upon approval from the Director, status may also be maintained on the basis of a monthly negative official random sample test (95/5) in each separate population of breeding swine on a premises, and a monthly test of 50 offspring 4 to 6 months of age located on the same premises as the breeding herd. Sampling in the population must be random, and the test protocol in the herd must be part of the approval. Progeny must be selected at random from all groups on the premises. The same animals shall not be retested for requalification purposes in any 12-month period, except during the first 12-month period following the initial qualification test. If the members of the qualified herd are maintained on more than one premises, 20 or 7 percent plus progeny of the swine on each premises shall be retested as required. If the 20 or 7 percent plus progeny retests are not conducted when due, the requalification requirements shall then be the same as for initial qualification. Progeny testing on multisite herds shall be as in 115.40(d) of this Part.
 - 2) If positive swine are disclosed on a maintenance test, or on a test for any other purpose, QNV herd status shall be suspended. Positive swine shall be immediately isolated from the remainder of the herd and may be retested at owner's expense with the special laboratory test designated to determine vaccination titers from field exposure. If the swine are determined to be positive only as

a result of vaccination titer, the QNV herd status will be restored. If the swine are determined to be infected with field virus, they shall be disposed of for slaughter OR maintained on another premises separate and apart from that where the negative swine are maintained. The premises shall be cleaned and disinfected following removal of the positive swine and a retest conducted in 30 days on all unvaccinated swine 16 weeks of age and over. If this 30-day retest is negative, then all swine 16 weeks of age and over shall be retested again at the end of 30 days (60 days following removal of positive swine) and, if negative, QNV herd status shall be reinstated.

- c) Additions:
- 1) Swine from any qualified pseudorabies negative herd may enter an Illinois QNV herd without test and shall be vaccinated within 30 days of entry into the herd.
 - 2) Pseudorabies vaccinated swine originating from another QNV herd may enter an Illinois QNV herd upon evidence of a negative official test for pseudorabies conducted within 60 days prior to entry from another Illinois herd and within 30 days prior to entry from another state.
 - 3) Unvaccinated swine originating from an Illinois QNV herd may enter another Illinois QNV herd without a pseudorabies test and shall be vaccinated within 30 days of entry into the herd.
 - 4) Swine originating from other than an Illinois QNV herd OR a qualified pseudorabies negative herd shall be negative to an official test for pseudorabies conducted within 30 days prior to entry into the herd from another Illinois herd and within 30 days prior to entry from another state. All such swine shall be held in isolation from the other members of the QNV herd, and shall be retested and negative to an official test for pseudorabies not less than 30 nor more than 60 days following entry. Swine shall then be vaccinated within 30 days of entry into the herd.
 - 5) Swine from a QNV herd which are exhibited or are otherwise commingled with swine from any other herd shall be held in isolation on the herd premises for a minimum of 30 days after return AND shall be tested and negative to an official test for pseudorabies before being reunited with other members of the QNV herd.
- d) Sales: Pseudorabies vaccinated swine originating from a QNV herd may be loaned, leased, traded, or sold for breeding purposes within Illinois; provided, the purchaser is informed that the swine are from a QNV herd.

(Source: Amended at 21 Ill. Reg. 904, effective January 7, 1997)

Section 115.60 Requirements for Establishing and Maintaining Feeder Swine Pseudorabies Monitored Herds (Repealed)

(Source: Repealed at 21 Ill. Reg. 904, effective January 7, 1997)

Section 115.70 Pseudorabies Test Requirements for Intrastate Movement (Repealed)

(Source: Repealed at 26 Ill. Reg. 114638, effective September 23, 2002)

Section 115.80 Pseudorabies Testing of Feeder Swine

Swine for feeding purposes shall, in addition to complying with the other requirements of this Part and 8 Ill. Adm. Code 105.10, enter or move within Illinois without further testing requirements for pseudorabies if:

- a) originating from a Stage I or Stage II state, the swine are from a qualified pseudorabies negative; or a QNV, where the last monitoring test has been conducted within 15 days, or a herd where a 95/10 test of the breeding herd, or if the breeding herd is not on the same premises, of the feeder swine on the premises, was conducted within 15 days prior to shipment into Illinois; or
- b) originating from a Stage III state, the swine are from a qualified pseudorabies negative or a QNV herd, or from a herd where a 95/10 test of the breeding herd, or of the feeder swine if the breeding swine are not on the same premises as the feeder swine, within 30 days prior to shipment into Illinois; or
- c) originating from a Stage IV or V state, or a county that meets the requirements for Stage V. If there are multiple pseudorabies classifications within a state, the lowest classification shall be recognized by this Department as the classification for that entire state.

(Source: Amended at 26 Ill. Reg. 118, effective January 1, 2002)

Section 115.90 Feeder Swine

No person shall offer for sale, sell, trade, lease or loan any feeder swine unless the animals originate from a herd that is in compliance with Section 115.80, they are sold direct to slaughter, or they are sold and moved from a quarantined herd to a quarantined herd under permit issued by the Department.

(Source: Amended at 26 Ill. Reg. 14638, effective September 23, 2002)

Section 115.100 Breeding Animals Consigned to Slaughter

Before being mixed with swine from any other source, all breeding animals consigned to slaughter or offered for sale for slaughter shall be identified to the herd of origin by an approved identification tag in accordance with the Swine Identification Program (9 CFR 78.33, 2002). The tag shall be applied to the back of the neck of each animal. A report of such identification shall be made on forms provided by the United States Department of Agriculture and shall be submitted to the Department within 30 days after application. If such swine are slaughtered in Illinois, the management of the Illinois slaughter facility shall, upon written request from the Department or from the U.S. Department of Agriculture, provide for or permit the collection of blood samples for testing from the identified swine.

(Source: Amended at 26 Ill. Reg. 14638 effective September 23, 2002)

Section 115.110 Swine Intended for Slaughter; Permit

Animals consigned to slaughter from Stage I or II States from non-infected or unexposed herds may be shipped into Illinois only upon permit from the Department and go directly to a recognized slaughter establishment or approved slaughter market. Animals from infected or exposed herds may be shipped into Illinois only upon permit from the Department and shall move, directly to a recognized slaughter establishment. The vehicles transporting infected or exposed swine are not allowed to pick up additional animals in Illinois until the official seal has been officially broken at the slaughter facility and the infected swine unloaded. Permits to import slaughter swine from Stage I or II States or infected or exposed herds shall be issued by telephoning or writing the Department.

a) The applicant for the permit shall furnish the following information to the Department:

- 1) Name and complete mailing address of Illinois destination;
- 2) Name and address of consignor; and
- 3) Number of swine in shipment.

b) Grounds for refusal to issue a permit are:

- 1) Violation of the Act or this Part; and
- 2) Presence of a disease that might endanger the Illinois swine industry.

Swine originating from any quarantined herd must be shipped in a sealed vehicle and accompanied by a shipping permit VS Form 1-27.

(Source: Amended at 24 Ill. Reg. 16630, effective November 1, 2000)

Section 115.120 Use of Vaccine

Use of pseudorabies vaccine is prohibited except upon permission by the Department. Permission will be granted to herds when epidemiological evidence indicates that the herd is at risk, such as herds or areas that have had recent pseudorabies infection or are importing or exporting.

(Source: Added at 24 Ill. Reg. 1012, effective January 10, 2000)