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(b) When a certificate has been revoked because of reactors or persistent suspicious titers as provided in subsection (3), the herd may re-qualify as anaplasmosis-free as provided in subsection (1). If all suspects are found negative on the first retest, the herd shall be declared anaplasmosis-free.

(5) **STATUS OF INDIVIDUAL ANIMALS.** No animal shall be deemed to be from an anaplasmosis-free herd for the purpose of exemption from any anaplasmosis test required prior to sale or movement unless it has been a member of the herd for at least 90 days and was included in and was negative to the last test of such herd; provided the anaplasmosis test requirement of this subsection shall not apply to animals born in the herd subsequent to the last complete herd test or to animals not required to be tested by law.

(6) **HERD ADDITIONS.** When animals are added to the herd, no test shall be required on animals from another anaplasmosis-free herd. All other animals shall be tested negative, within 30 days of entry.

History: Renum. from Ag 10.255 and am., Register, February, 1972, No. 194, eff. 3-1-72; am. (1) and (4), Register, October, 1974, No. 226, eff. 11-1-74.

Ag 10.35 Bovine mastitis; detection and control. (1) **SCREENING TESTS.** Screening tests for the detection and control of bovine mastitis shall be conducted by the department on milk from all dairy herds as often as the department considers necessary. Any test approved by the department for the testing of milk for mastitis may be used. Test results shall be reported to herd owners on all screening tests conducted on milk from their herds where test results indicate a mastitis problem.

(2) **FARM INSPECTIONS; TEST PROCEDURES.** Whenever 2 or more successive screening tests of milk from the same herd indicate the presence of mastitis, or other evidence of mastitis exists within the herd, a farm inspection may be made and all lactating animals in the herd examined by a department approved veterinarian. If clinical evidence of mastitis is found within the herd, a notice shall be issued advising the herd owner which animals are infected and that the sale of milk from infected animals is prohibited. If on any subsequent screening test continued evidence of mastitis is found, an official herd sample may be taken of all milk in bulk tanks or cans on the farm premises and subjected to bacteriological and microscopic examination to determine whether the milk is insanitary and adulterated under sub. (3). Holding orders may be issued on the milk pending laboratory examination.

(3) **TEST STANDARDS; DETERMINATION OF ADULTERATION.** Milk from any herd disclosing clinical evidence of mastitis in one or more cows on examination by a department approved veterinarian and containing in excess of 1,000,000 cells per ml. by direct cell count and pathogenic microorganisms capable of producing mastitis, is milk from sick or diseased animals and is insanitary and adulterated under s. 97.50, Stats. No milk shall be sold for human consumption or delivered to dairy plants in violation of this section. Milk which is found to be insanitary and adulterated shall be rejected as prescribed in ss. Ag 30.13 and Ag 80.07, Wis. Adm. Code.

(4) **CONTROL PROCEDURES; EXCLUSION OF MILK.** The department may investigate causes of mastitis in infected herds and in cooperation with the herd owner's veterinarian suggest methods of control. If corrective action is not taken by the herd owner and subsequent tests indicate that

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milk from the herd is insanitary and adulterated under sub. (3), the department may by order, prohibit the further sale or delivery of milk from an infected herd until: a) the herd owner follows a mastitis control program prescribed by a veterinarian or approved by the department, and b) the incidence of mastitis in the herd has been eliminated or substantially reduced as determined by a direct cell count of herd milk disclosing less than 750,000 cells per ml. As an additional control measure, the department may quarantine individual animals or an entire herd as necessary. A herd owner under an order of quarantine may petition the department for a hearing in the manner prescribed by section Ag 10.10 (1), Wis. Adm. Code.

(5) **NOTICE TO DAIRY PLANTS.** Copies of all notices and orders shall be furnished to the dairy plant receiving the milk. No dairy plant operator with notice of a department order prohibiting the sale or delivery of milk from an infected herd shall accept any milk from that herd while the order is in effect.

History: Cr. Register, October, 1967, No. 142, eff. 11-1-67; am. (1) Register, March, 1970, No. 171, eff. 4-1-70; am. (1) to (4), Register, November, 1979, No. 287, eff. 12-1-79.

Ag 10.40 Bovine artificial insemination. (1) (a) No bovine semen shall be sold, furnished or used for the purpose of artificial insemination unless it originates from bulls whose health status conforms to the requirements of this section. All tests shall be conducted within 60 days of the date semen is first released for use and all the bulls shall be retested at least every 6 months thereafter. This section shall not apply to semen that is used on the premises where it is produced to inseminate animals that are owned by the owner of the bull.

(b) Bulls shall be free from tuberculosis on the basis of an official tuberculosis test.

(c) Bulls shall be free from brucellosis on the basis of the standard tube agglutination test and negative to the semen plasma test in a dilution of 1:25.

(d) Bulls shall be negative to the agglutination-lysis tube test for leptospirosis, or disclose a stabilized titer if in the opinion of the department such titer is not sufficient evidence of infection.

(e) Bulls shall be free from *Trichomonas foetus* on the basis of a direct microscopic examination and cultural determinations conducted for 3 or more successive weeks.

(f) Bulls shall be under a testing and control program for *Vibrio fetus* which is approved by the department.

(2) Bovine semen shall be extended a minimum of 1:25 in an extender treated by the addition of not less than 500 units of penicillin and 500 micrograms of streptomycin per cubic centimeter of extender.

(3) All tests shall be conducted according to specifications approved by the department.

(4) All bovine semen imported into this state for the purpose of artificial insemination shall be accompanied by an interstate health certificate or the standard health form approved by the United States