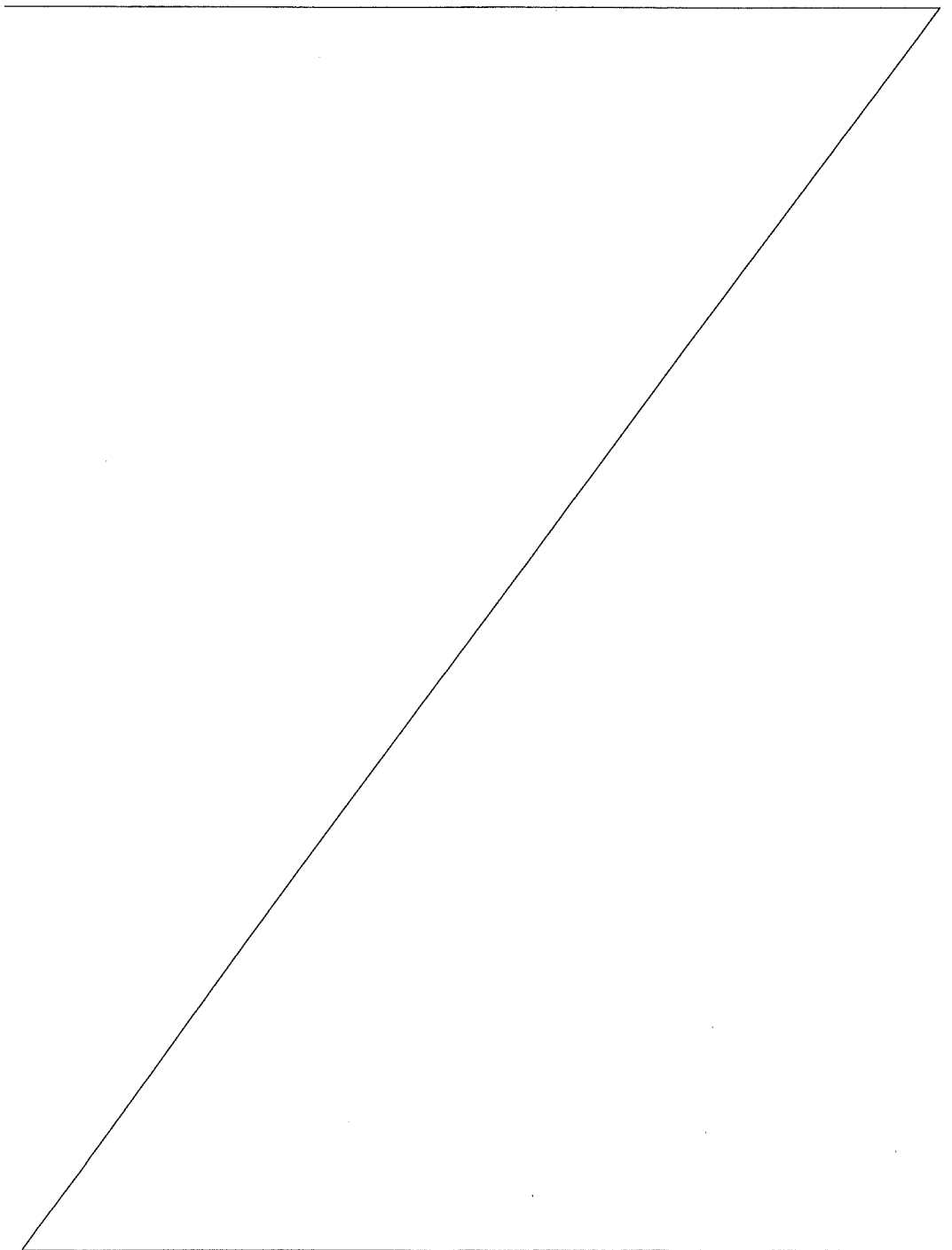


DEPARTMENT OF AGRICULTURE  
Amendment and Compilation of Chapter 4-16  
Hawaii Administrative Rules  
November 29, 2022  
Summary

1. Chapter 4-16 title; is amended
2. §4-16-1 is amended
3. §§4-16-3 to 4-16-13 are amended
4. Subchapter 2 title is amended
5. §§4-16-14 to 4-16-20.2 are amended
6. §§4-16-22 to 4-16-23 are amended
7. Subchapter 4 title is amended
8. §§4-16-24 to 4-16-25 are amended
9. Chapter 4-16 is compiled.



TITLE 4

DEPARTMENT OF AGRICULTURE

SUBTITLE 3

DIVISION OF ANIMAL INDUSTRY

CHAPTER 16

CATTLE, BISON, WATER BUFFALO, CAMELIDS, SHEEP, AND  
GOATS

Subchapter 1 General Provisions

- §4-16-1 Objective
- §4-16-2 Construction of rules
- §4-16-3 Subchapters
- §4-16-4 Definitions
- §4-16-5 Quarantine-general
- §4-16-6 Quarantine area-feedlot
- §4-16-7 Quarantine area-slaughterhouse
- §4-16-8 Regulatory jurisdiction
- §4-16-9 Entry status on imports
- §4-16-10 Ports of entry
- §4-16-11 Carrier responsibility
- §4-16-12 Use of quarantine station facilities
- §4-16-13 Regulatory jurisdiction on exports

Subchapter 2 Cattle, Bison, Water Buffalo

- §4-16-14 Scope
- §4-16-15 Pre-shipment entry requirements
- §4-16-16 Post-shipment entry requirements
- §4-16-17 Anaplasmosis surveillance, control, and eradication
- §4-16-18 Brucellosis surveillance, control, and eradication
- §4-16-19 Control of vaccination for Brucellosis
- §4-16-20 Tuberculosis control and eradication
  - §4-16-20.1 Trichomoniasis control and eradication
  - §4-16-20.2 Diseases and investigation

Subchapter 3 Sheep

§4-16-21 Scope

§4-16-22 Pre-shipment entry requirements

§4-16-23 Post-shipment entry requirements

Subchapter 4 Goats and Camelids

§4-16-24 Scope

§4-16-25 Pre-shipment entry requirements

§4-16-26 Post-shipment entry requirements

Historical Note: This chapter is based substantially upon Regulation 1 entitled "Definition of Terms, Etc."

[Eff. 9/26/49; am 9/29/55; am 7/25/57; am 6/26/58; am 8/15/68; am 5/19/72; am 10/31/74; am 8/16/77; am 8/21/80; R 10/5/81]; Regulation 2 entitled "Permits for Importation" [Eff. 9/26/49; am 9/29/55; am 7/24/70; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 3 entitled "Inspection and Quarantine" [Eff. 9/26/49; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 4 entitled "Landings and Entry into Territory" [Eff. 9/26/49; am 4/29/54; am 8/15/68; am 6/26/70; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 6 entitled "Importation of Cattle" [Eff. 9/26/49; am 8/26/54; am 10/28/54; am 9/29/55; am 8/15/68; am 7/30/73; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 105 entitled "Relating to Use of Facilities at the Animal Quarantine Station, Honolulu" [Eff. 9/26/49; am 6/26/70; am 2/18/72; am 7/30/73; am 2/26/76; am 8/16/77; 7/17/80; am 8/21/80; R 10/5/81]; Regulation 106 entitled "Quarantine of Premises, Animals and Effects" [Eff. 9/26/49; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 107 entitled "Official Vaccination of Calves with Brucella Vaccine, Identification of Vaccinates and Record of

Vaccination" [Eff. 11/10/55; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 108 entitled "Anaplasmosis Control and Eradication" [Eff. 10/24/55; am 9/29/55; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 109 entitled "Brucellosis Control and Eradication" [Eff. 8/31/57; am 6/26/58; am 10/31/74; am 8/21/80; R 10/5/81]; Regulation 110 entitled "Tuberculosis Control and Eradication" [Eff. 7/31/58; am 10/31/74; am 8/21/80; R 10/5/81] Regulation 107 entitled "Penalty" [Eff. 9/26/49; am and ren Regulation 200 9/29/55; am 7/25/57; am 6/26/58; am 10/31/74; am 8/21/80; R 10/5/81]

## SUBCHAPTER 1

### GENERAL PROVISIONS

**§4-16-1 Objective.** The objective of this chapter is to prevent the introduction of pests and diseases of cattle, sheep, goats, bison, water buffalo and camelids into the State, and to control diseases of these species found in the state. [Eff. 10/5/81] (Auth: HRS §142-2) (Imp: HRS §142-3); [am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-2 Construction of rules.** This chapter shall be construed to effectuate the purposes of chapter 142, Hawaii Revised Statutes. [Eff. 10/5/81; comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-3 Subchapters.** (a) Each subchapter sets forth special rules applicable to the type of proceeding described in the caption.

(b) This subchapter sets forth general rules applicable to proceedings governing cattle, bison, water buffalo, camelids, sheep, and goats. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-4 Definitions.** As used in this chapter, unless context otherwise requires:

"Accredited veterinarian" means a veterinarian certified by federal and state animal health authorities to participate in cooperative disease control activities, including execution of health certificates for the interstate and international movement of animals.

"Animals" includes wild animals, feral animals, domestic animals, aquaculture animals, poultry, birds, and hatching eggs.

"APHIS" means Animal and Plant Health Inspection Service of the United States Department of Agriculture.

"Approved disinfectant" means a germicidal agent approved for use in a specific state-federal animal disease control and eradication program.

"Approved pesticide" means a chemical agent approved for use against external parasites.

"Board" means the state board of agriculture.

"Carrier" means any person or company engaged in the activity of transporting animals, by land, sea, or air including any ship, vessel, airplane, or other conveyance used to transport animals; or its master, commanding officer, owner, local manager, broker or agent.

"Certificate of veterinary inspection" or "CVI" means an official state or federal certificate issued by an accredited veterinarian or state or federal

veterinary officer providing all information and test results required for animals to enter Hawaii, to move interstate and certifying that the animals being transported are free of symptoms of transmissible disease.

"Chairperson" means the chairperson of the state board of agriculture.

"Contact" means any physical union or touching between animals.

"Department" means the state department of agriculture.

"Division" means the division of animal industry, department of agriculture.

"Division head" means the administrator of the division of animal industry.

"Domestic animals" includes horses, mules, asses, cattle, sheep, goats, swine, dogs, cats, poultry, rabbits, llamas and alpacas, including camelid, maintained in the domestic state; includes poultry and hatching eggs.

"Effects" includes ropes, halters, harnesses, buckets, stalls, crates, pens, stables, feed, feed bags, and other equipment used to handle, confine, maintain, or transport animals.

"Entry" means the release of animals into the State after completion of all requirements set forth in this chapter.

"Health certificate" means an official document in English, issued by an accredited veterinarian certifying that the animals being shipped are free from external parasites and symptoms of transmissible disease and providing all other information and test results required for acceptance by the State, also known as "Certificate of Veterinary Inspection".

"Hold order" means an order issued by the state veterinarian restricting the movement of all animals, effects, and implements at a premise undergoing a disease investigation, for a maximum period of ninety days for each hold order issued.

"Inspector" means a veterinarian, livestock inspector, or any officer or employee of the department of agriculture or USDA, authorized or designated by the state veterinarian to enforce the provisions of this chapter.

"Official vaccinate" means a female bovine animal that has been vaccinated with an approved brucellosis vaccine and identified with the required tattoo and official identification.

"Polymerase Chain Reaction" or "PCR" means a laboratory test to detect genetic material from a specific organism, such as a virus and protozoa.

"Premise" means a property, including any structure on it.

"Quarantine" means the secure isolation and confinement of animals on a premise or premises, or in an area designated by the state veterinarian. No animal may be removed from or added to these premises or areas except as permitted by the state veterinarian.

"Shipmaster's declaration" means an official state form that shall be completed and submitted by a carrier and provides information on animals transported including the name of the importer.

"State veterinarian" means the veterinary program administrator of animal industry division, department of agriculture.

"Transmissible disease" means any contagious, infectious, or communicable disease of animals.

"Vaccine" means a biological agent composed of live, attenuated, genetically modified, or killed microorganisms such as bacteria and viruses, or their DNA or RNA used for the prevention or treatment of diseases. [Eff. 10/5/81; am and comp DEC 22 2023 ]  
(Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-5 Quarantine-general.** (a) The department is authorized to place a quarantine on any animal,



herd, population of animals, premises, district, or island whenever in its opinion such action is necessary to prevent the spread of a transmissible disease.

(b) No animals shall be removed from or be added to such herds, premises, or areas except by permit from the department.

(c) This quarantine shall remain in effect until rescinded by the chairperson or authorized representative. [Eff. 10/5/81; am and comp DEC 22 2023 ] Auth: HRS §142-2)  
(Imp: HRS §§142-6 and 142-9)

**§4-16-6 Quarantine area-feedlot.** (a) All commercial feed yards which receive and feed animals from more than one herd are hereby declared quarantine zones.

(b) No animals shall be moved from these quarantine areas except to a licensed slaughterhouse or another commercial feedlot.

(c) Newborn animals may be moved to other premises only when under permit from the division. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-7 Quarantine area-slaughterhouse.** (a) All pens on slaughterhouse premises are hereby declared quarantine zones.

(b) Animals taken to these pens shall remain there until slaughtered, except that they may be removed only when under permit issued by the division. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) Imp: HRS §142-3)

**§4-16-8 Regulatory jurisdiction on importations.**  
(a) Importations of cattle, bison, water buffalo, camelids, sheep, and goats from areas under the

jurisdiction and control of the United States are subject to the rules of the department.

(b) Importations of cattle, bison, water buffalo, camelids, sheep, and goats from foreign countries, besides complying with department requirements, shall not violate any federal regulations. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2)(Imp: HRS §§142-4, 142-5, and 142-8)

**§4-16-9 Entry status on imports.** No cattle, bison, camelids, water buffalo, sheep, or goats shall be transported to the State or allowed entry into the State unless accompanied by a valid import permit issued by the division before arrival, a valid certificate of veterinary inspection and all pre-entry and entry requirements have been met. Bison and water buffalo in addition to being issued a pre-arrival import permit by the division shall also be required to obtain a permit to possess issued by the Hawaii Board of Agriculture through the department's Plant Quarantine Branch prior to importation. Landing or removal of animals from a carrier for purposes of inspection or quarantine shall not constitute entry into the State for any purpose whatsoever. No effects of animals, likewise, shall be brought into the State unless so authorized by an inspector of the division of animal industry or USDA. [Eff. 10/5/81; am and comp DEC 22 2023 ](Auth: HRS §142-2) (Imp: HRS §§142-4 and 142-5)

**§4-16-10 Ports of entry.** (a) Cattle, bison, and water buffalo shall enter through a port or airport on the islands of Oahu, Hawaii or Maui where permanent state livestock quarantine facilities are provided. Cattle, bison, and water buffalo may also enter through other ports in the State if adequate temporary quarantine facilities are made available by the importer and approved in writing by the division.

(b) Sheep, goats, and camelids shall enter through any official port or airport in the State with prior approval from the division. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRSS§142-2) Imp: HRS §§142-3, 142-4, and 142-5)

**§4-16-11 Carrier responsibility.** (a) Carriers transporting cattle, bison, water buffalo, camelids, sheep, or goats interstate or intrastate through or from any port or airport in the State or landing these animals at any port or airport within the State shall, immediately on arrival, submit a shipmaster's declaration to the department providing the following information:

- (1) Name and address of owner, importer, consignor, consignee, and port of origin of the animals;
- (2) Number of animals on board, including those born en route; and
- (3) Number of animals which have died or have been injured en route, with the circumstances of the deaths or injuries.

(b) Carriers shall be responsible for securely confining cattle, bison, water buffalo, camelids, sheep, or goats for entry into the State at the pier or airport until movement is authorized by an inspector. Cattle, bison, water buffalo, camelids, sheep, or goats in transit to ports beyond Hawaii shall not be off-loaded for any purpose unless authorized by the state veterinarian or designated agent.

(c) Carriers shall ensure that cattle, bison, water buffalo, camelids, sheep, and goats are provided adequate ventilation. Animals shall not be stowed during transportation or staged prior or subsequent to transportation in a manner that prevents natural ventilation.

(d) Carriers transporting animals into the state shall not off-load and dispose of manure except under the supervision of an inspector. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3, 142-4, 142-5 and 142-8)

(e) Ocean carriers for the intrastate movement of livestock shall ensure that the Interisland Livestock Shipping Standards by species, attached as Exhibit A are followed.

(f) It shall be the responsibility of the carrier, owner, or stock tender of livestock being transported interstate and intrastate to provide provisions for the livestock during transport and not allow livestock to go without feed or water for more than 24 hours while in transport.

(g) Ocean carriers, barring harbor logistical limitations, shall implement loading and unloading practices that strive to ensure animals are the last on and first off a docked vessel. Carriers shall restrict animals from being loaded into locations that produce excessive heat, have restricted ventilation or are placed in locations that may flood containers with ocean water. Carriers shall ensure that livestock staging areas within harbors have access to clean water and adequate ventilation.

(h) No animal shall be transported via ocean vessel that is injured, ill, has unhealed wounds or is unable to bear weight on all four limbs; is blind in both eyes; is likely to give birth during transport or has given birth in the past 48 hours and traveling without their offspring; or is not weaned and traveling separate from the mother. Aggressive animals shall be transported separately. [Eff. 10/5/81;

am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3, 142-4, 142-5 and 142-8)

**§4-16-12 Use of quarantine station facilities.** (a) Owners of cattle, bison, water buffalo, camelids,

sheep, or goats held at an official or authorized quarantine facility for any reason shall:

- (1) Provide feed and care for stock;
- (2) Clean pens after removal of the animals; and
- (3) Promptly remove any dead animals from the quarantine station grounds when directed to do so by the state veterinarian.

(b) If, for any reason, the owners fail to fulfill the requirements in subsection (a), the state may assume these responsibilities, and all costs involved shall be charged to the owner. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3 and 142-6)

**§4-16-13 Regulatory jurisdiction on exports.**

(a) Shipments to other U.S. areas shall comply with entry requirements of the state of destination.

(b) Shipments outside the U.S. are under federal jurisdiction.

(c) Hawaii certificates of veterinary inspection, issued by accredited veterinarians for the interstate movement of livestock, shall be submitted to the division for review within seven (7) days of being issued. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

SUBCHAPTER 2

CATTLE, BISON, WATER BUFFALO

**§4-16-14 Scope.** (a) This subchapter governs special rules pertaining to importation of cattle, bison, or water buffalo into the State.

(b) Applicable general provision rules in subchapter 1 should be read in conjunction with this subchapter.

(c) In any conflict between a special rule in this subchapter and a general provision rule in subchapter 1, the special rule shall govern. [Eff. 10/5/81; am comp <sup>DEC 22 2023</sup> ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-15 Pre-shipment entry requirements.** (a) Cattle, bison, and water buffalo for entry shall possess a valid import permit issued by the division prior to importation.

(b) Cattle, bison, and water buffalo for entry shall possess a certificate of veterinary inspection issued by an accredited veterinarian, or a state or federal veterinary officer, within ten days before shipping to the state. The certificate of veterinary inspection shall contain a description of each animal, including age, sex, breed, and either an official eartag number, or official identification and shall certify that the animals described:

- (1) Are free from external parasites and symptoms of transmissible diseases and have not had recent exposure to these diseases;
- (2) Have originated in a herd that is not under quarantine for any reason;
- (3) Are negative to an intradermal tuberculin test conducted by a state, federal, or accredited veterinarian within thirty days before shipment;
- (4) Have been tested by a state, federal, or accredited veterinarian and found to be negative to an official test for brucellosis performed in a USDA-approved laboratory within thirty days before shipment;
- (5) Have been tested by a state, federal, or accredited veterinarian and found to be free of anaplasmosis by an ELISA test performed in a state or federal approved laboratory within thirty days before shipment;

- (6) All non-virgin bulls and all bulls eighteen months of age and older shall be tested negative to a PCR test for trichomoniasis within thirty days before shipment. Pooled samples from up to five bulls may be tested at diagnostic laboratories that approve pooled PCR testing. Tested bulls shall remain separate from female cattle over six months of age prior to ten days before testing and until arrival in Hawaii; and
  - (7) Have been dipped or completely sprayed under the supervision of a state, federal, or accredited veterinarian with an EPA approved pesticide to kill ticks on cattle within seven days before shipping to Hawaii.
- (c) Official laboratory test charts for all required pre-entry testing shall be attached to the certificate of veterinary inspection. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: §§142-3 and 142-4)

**§4-16-16 Post-shipment entry requirements.** (a) Cattle for entry shall be transported to and held in the quarantine station or a quarantine site approved by the division to be inspected and tested for any transmissible disease that the state veterinarian may require. While in quarantine, animals shall be sprayed or dipped with an EPA approved pesticide approved by the state veterinarian. The cattle, bison, and water buffalo may be refused entry or quarantined for any deficiency in the certificate of veterinary inspection for the shipment or signs of disease.

(b) Cattle, bison, and water buffalo found to be negative to test requirements, free of external parasites, and show no signs of transmissible diseases may be released from the quarantine station or approved quarantine site under quarantine at premises approved by the state veterinarian, during which time

they shall be retested for tuberculosis, brucellosis, anaplasmosis and other diseases required by the state veterinarian sixty to ninety days after arriving in the State. The owner, importer, or consignee shall furnish the inspector with information on where each animal in the shipment will be held.

(c) All expenses in connection with the examination, testing, treating, or destruction and disposal of cattle, bison, and water buffalo while in quarantine, shall be borne by the owner, importer, or consignee.

(d) No indemnity shall be paid for reactors found on entry testing. [Eff. 10/5/81];  
[am and comp HRC 22 2023 ] (Auth: HRS §142-2)  
(Imp:HRS §142-4)

**§4-16-17 Anaplasmosis surveillance, control and eradication.**

(a) Upon direction of the state veterinarian, blood samples shall be collected at slaughter from all cattle two years of age and older and shall be forwarded to the veterinary laboratory of the division for anaplasmosis testing.

(b) When reactors are found in tests conducted under subsection (a), the entire herd shall be quarantined and retested for anaplasmosis. The herd shall remain under quarantine and be retested at sixty to ninety-day intervals until two consecutive negative tests have been obtained.

(c) All testing of cattle in compliance with requirements shall be done in a safe manner. Cattle shall be stanchioned or otherwise securely restrained to the satisfaction of the veterinarian conducting the test.

(d) All positive reactors to the anaplasmosis test shall be identified with a reactor tag affixed to the left ear by the state veterinarian or designee. All reactors shall be slaughtered under permit issued by the state veterinarian within thirty days after



official notification in writing of the reaction. The owner shall give advance notice to the state veterinarian of the time and place of slaughter of the reactors.

(e) All cattle slaughtered as identified positive reactors to the anaplasmosis test shall be appraised prior to slaughter and the owner indemnified in accordance with the provisions of section 142-22, Hawaii Revised Statutes.

(f) No indemnity shall be paid when the owner does not comply with all rules and instructions issued by the division pertaining to the control and eradication of anaplasmosis. [Eff. 10/5/81; am and comp <sup>DEC 22 2023</sup> 1 (Auth: HRS §142-2) (Imp: HRS §§142-3, 142-6, 142-9 and 142-22)]

**§4-16-18 Brucellosis surveillance, control, and eradication.** (a) Upon direction of the state veterinarian, blood samples shall be collected at slaughter from all cattle two years age and older and forwarded to the veterinary laboratory of the department for brucellosis testing.

(b) Upon direction of the state veterinarian, samples of milk produced in licensed dairies shall be collected and forwarded to the veterinary laboratory for brucellosis testing as often as deemed necessary by the state or federal veterinarian to maintain surveillance of brucella infection within the herd.

(c) Whenever laboratory test results indicate infection, the herd of origin shall be quarantined and tested within thirty days following official notification of the infection.

(d) When reactors are found in tests conducted under subsection (a), the entire herd shall be quarantined and subject to the conditions required in the current USDA APHIS Uniform Methods and Rules for the Eradication of Brucellosis, until eligible for release from quarantine.

(e) All testing of cattle in compliance with requirements of this section shall be done in a safe manner. Cattle shall be stanchioned or otherwise securely restrained to the satisfaction of the veterinarian conducting the test.

(f) All reactors to the brucellosis test shall be identified with a reactor tag affixed to the left ear by the state veterinarian or designee. All reactors shall be slaughtered under direction of the state veterinarian within fifteen days after official notification in writing of the reaction. The owner shall give advance notice to the state veterinarian of the time and place of slaughter of the reactors.

(g) All cattle slaughtered as identified reactors to the brucellosis test shall be appraised prior to slaughter and the owner shall be indemnified in accordance with the provisions of Title 9 of the Code of Federal Regulations.

(h) No indemnity shall be paid unless the owner has complied with all rules and instructions issued by the division pertaining to the control and eradication of brucellosis.

[Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3, 142-6, 142-9, and 142-23)

**§4-16-19 Control of vaccination for Brucellosis.**

(a) Approval from the division is required for sale and distribution of brucellosis vaccine.

(b) Each animal vaccinated shall be permanently identified as required by the USDA APHIS Uniform Methods and Rules for the Eradication of Brucellosis.

(c) The division is authorized to rescind approval issued under subsection (a) whenever in its judgment such action is warranted. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3 and 142-6)

**§4-16-20 Tuberculosis control and eradication.**

(a) All herds of cattle in which reactors to the tuberculin test have been found and all herds from which tuberculous animals have been found at slaughter shall be designated as infected herds and shall be quarantined.

(b) All herds of cattle that have been in contact with herds in which tuberculin test reactors or tuberculous animals have been found shall be designated as exposed herds and shall be quarantined.

(c) Owners of herds quarantined under subsection (a) and (b) shall, within thirty days after official notification in writing, implement a program to lift the quarantine through either complete herd depopulation via slaughter or through testing procedures, as prescribed by the state veterinarian.

(d) All testing of cattle for tuberculosis shall be done in a safe manner. Cattle shall be stanchioned or otherwise securely restrained to the satisfaction of the veterinarian conducting the test. The owner of the cattle shall provide all facilities necessary for the safe restraint of the cattle for testing.

(e) All positive reactors to the tuberculosis test shall be identified with an official reactor tag affixed to the left ear by the state veterinarian or designee. All reactors shall be slaughtered within fifteen days after official notification in writing of the reaction. The owner shall give advance notice to the state veterinarian of the time and place of slaughter of the reactors. A Permit for the Movement of Restricted Animals (VS FORM 1-27) shall be issued prior to movement by the State or Federal Veterinarian.

(f) All cattle identified as positive reactors to the tuberculosis test shall be appraised prior to slaughter and the owner shall be indemnified in accordance with the provisions of 9 CFR § 50.3.

(g) No indemnity shall be paid unless the owner has complied with all rules and instructions issued by

the division pertaining to the control and eradication of tuberculosis.

(h) Following removal of reactors or depopulation of the herd, the premises shall be cleaned and disinfected within fifteen days, as prescribed in the USDA APHIS Uniform Methods and Rules. [Eff. 10/5/81; am and comp DFO 22 2023 ]  
(Auth: HRS §142-2)(Imp: HRS §§142-3, 142-6, 142-9, 142-17, 142-18, 142-19, 142-20 and 142-21)

**§4-16-20.1 Trichomoniasis control and eradication.** (a) All herds of cattle in which reactors to the PCR trichomoniasis test have been found shall be designated as infected herds and shall be quarantined.

(b) All herds of cattle that have been in contact, comingled, or had fence contact with infected herds shall be designated as exposed herds and placed under a hold order until all bulls twelve months and older have been tested negative for Trichomoniasis and any positive bulls are removed under permit from the division for slaughter.

(c) Within sixty days after official notification in writing, owners of herds quarantined or placed on hold orders under subsections (a) and (b) shall test their entire bull battery or slaughter all bulls under permit issued by the State Veterinarian.

(d) All testing of bulls for trichomoniasis shall be done after bulls have been isolated for ten days from female cattle and shall be tested by veterinarians accredited at the II level in Hawaii that have undergone training for trichomoniasis testing of bulls. The owner of the bulls for testing shall be responsible for gathering the bulls and providing all facilities necessary for the safe restraint of the bulls for testing.

(e) All positive reactors to the PCR trichomoniasis test shall be reported by the

accredited veterinarian to the state veterinarian within seventy-two hours of receiving test results.

(f) All bulls that test positive shall remain under quarantine and remain isolated from all cattle until slaughtered within thirty days of testing positive under permit issued by the state veterinarian.

(g) All bulls tested for trichomoniasis shall be identified at the time of testing with an official 840 USDA identification tag. The tag number shall correspond to the bull's test sample and listed on the test submission and result forms.

(h) Samples for trichomoniasis PCR testing shall be tested at an ISO/IES 17025 or AAVIDL approved laboratory and may be pooled in accordance with the diagnostic laboratory's testing protocol.

(i) Herds placed under quarantine for trichomoniasis shall be tested annually and remain quarantined until passing a complete negative test of the herd's bull battery one year after removal of the last infected bull from the herd.

[Eff. DEC 22 2023 ]; (Auth: HRS §142-2)

**§4-16-20.2 Diseases and investigation.** The State Veterinarian is authorized to investigate the disease status of cattle in the State showing clinical signs of disease or poor health.

(a) When an investigation by the State Veterinarian determines that a regulated or reportable disease or disease of high economic consequence is suspected or diagnosed, the State Veterinarian is authorized to take actions as provided in HRS §142-6.

(b) When no infectious disease is suspected or diagnosed and adverse physical state is determined to involve animal husbandry related causes, the division may advise the owner or refer the owner to university extension agents or private veterinarians for assistance. In the event that the owner refuses to take recommended corrective actions, the State

Veterinarian may refer the case to the humane agencies for the county. [Eff. ~~DEC 22 2023~~ ] (Auth: HRS §142-2)

### SUBCHAPTER 3

#### SHEEP

**§4-16-21 Scope.** (a) This subchapter governs special rules pertaining to importation of sheep into the State.

(b) Applicable general provision rules in sections 4-16-1 through 13 should be read in conjunction with this subchapter.

(c) In any conflict between a special rule in this subchapter and a general provision rule in sections 4-16-1 through 13, the special rule shall govern. [Eff. 10/5/81; comp ~~DEC 22 2023~~ ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-22 Pre-shipment entry requirements.** Sheep for entry shall be accompanied by a certificate of veterinary inspection issued by an accredited veterinarian or a state or federal veterinary officer in the state of origin, within seven days before shipment. The certificate of veterinary inspection shall give a description of each animal, including age, sex, breed, and official USDA eartag number, and shall certify that the animals described:

- (1) Are free from external parasites and symptoms of transmissible diseases and have not had recent exposure to these diseases;
- (2) Have originated in a herd that is not under quarantine for Scrapie; and
- (3) Have been dipped or completely sprayed under the supervision of a state, federal, or accredited veterinarian with a pesticide

approved for killing ticks on sheep within seven days before shipment.

- (4) Is officially identified with an USDA-APHIS approved method for identification of sheep. [Eff. 10/5/81; am and comp DEC 22 2023 ]; (Auth: HRS §142-2)(Auth: HRS §142-2) (Imp: HRS §§142-3 and 142-4)

**§4-16-23 Post-shipment entry requirements.** (a)

Imported sheep shall be inspected by a state veterinarian or an agent before being granted entry into the State. Any indication of transmissible disease at the time of inspection shall be sufficient reason to quarantine any or all of the sheep in the shipment at premises approved by the state veterinarian. Animals shall not be released or permitted entry into the State until the state veterinarian is satisfied that they are free of symptoms of transmissible diseases and external parasites.

(b) All expenses in connection with the segregation and treatment or destruction and disposal of the quarantined animals shall be borne by the owner, importer, or consignee. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Auth: HRS §142-2) (Imp: HRS §142-4)

SUBCHAPTER 4

GOATS and CAMELIDS

**§4-16-24 Scope.** (a) This subchapter governs special rules pertaining to importation of goats and camelids into the State.

(b) Applicable general provision rules in sections 4-16-1 through 13 should be read in conjunction with this subchapter.

In any conflict between a special rule in this subchapter and a general provision rule in sections 4-16-1 through 13, the special rule shall govern. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-3)

**§4-16-25 Pre-shipment entry requirements.**

(a) Goats and camelids for entry shall be accompanied by a certificate of veterinary inspection issued by an accredited veterinarian or a state or federal veterinary officer within seven days before shipment. The certificate of veterinary inspection shall give a description of each animal, including age, sex, breed, and official USDA eartag number, and shall certify that the animals described:

- (1) Are free from external parasites and symptoms of transmissible diseases and have not had recent exposure to these diseases;
- (2) Have originated in a herd that is not under quarantine for scrapie or tuberculosis and have been found negative to an intradermal tuberculin test by a state, federal, or accredited veterinarian within thirty days before shipment; and
- (3) Have been treated under the supervision of a state, federal, or accredited veterinarian with an approved pesticide for killing ticks on goats or camelids, within seven days before shipment.

(b) Goats have originated in a herd that is not under quarantine for Scrapie. [Eff. 10/5/81; am and comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §§142-3 and 142-4)



**§4-16-26 Post-shipment entry requirements.**

(a) Imported goats shall be inspected by a state veterinarian before being granted entry into the State. Any indication of transmissible disease at the time of inspection shall be sufficient reason to quarantine any or all of the goats in the shipment at premises approved by the state veterinarian. They shall not be released and be permitted entry into the State until the state veterinarian is satisfied that they are free from symptoms of transmissible diseases and external parasites.

(b) All expenses in connection with the segregation and treatment or destruction and disposal of the quarantined goats shall be borne by the owner, importer, or consignee. [Eff. 10/5/81; am comp DEC 22 2023 ] (Auth: HRS §142-2) (Imp: HRS §142-4)

**EXHIBIT A****Required Interisland Livestock Shipping Standards | CATTLE**

SHIPPING METHOD	Trailers, 20' containers, 40' containers, shipping pens. Must be 4-sided, structurally sound and without protruding objects that could injure animals. Must have four sided forklift pockets to ensure container cannot shift or tip off the fork lift during lifting.
LEAK PROOF	All shipping trailers/containers shall be watertight up to a level of 2" and nonslip flooring is required.
SIDES	Sides shall be solid up to the level of the animals' backs or window guards should be indented to prevent discharge.
WINDOWS	Escape proof. Must contain entire animal. Tall enough to be above the backs of the animals or with 6" indented bars to prevent fecal discharge and allow proper airflow* *Window openings should be at least 7% of the area of the side panel surface to ensure proper ventilation
ROOF	Must have a solid roof to protect from the sun, rain, and contain the animal entirely.
WATER	Not required for trips < 24hrs; must have some form of watering system in case of transit delay. Please bring your own water when possible.
FEED	Not required for trips < 24hrs.
SPACE	*See table.
TRAILERS DELIVERING LIVESTOCK	All livestock trailers entering into the harbor must be constructed to contain animal fecal matter and urine.
TRANSFER AREA & STAGING AREA	In secured DOT designated area only. Water should be available nearby.
TRANSFER PROCESS (TRAILER TO CONTAINER)	Trailer with slide or inward opening gate abut flush to container with slide or inward opening gates.
OR TRANSFER PROCESS (DOT CHUTE)	Secure chute gates to trailer and container, if DOT chute is available.
SPILLAGE	All spillage must be cleaned up and removed from harbor. To comply with EPA, no water should be used to clean, the shipper must bring shovel, broom, etc to clean area. All shipping containers that remain in the harbor must be cleaned out and material hauled away. A fine/fee will be imposed if spillage is not cleaned.

\*These space requirements only pertain to Hawaii interisland transportation and do not pertain to interstate shipping.

AVG. BODYWEIGHT (lbs)	AREA PER ANIMAL (ft <sup>2</sup> )	HEIGHT (ALL SPECIES)	20' CONTAINER (max number to load)	40' CONTAINER (max number to load)	40'X2 DOUBLEDECKER (w/ feeders and water units) (max number to load)
400	6.5	Stand comfortably, ensure head clearance	23	46	70
500	7.5		20	40	61
600	8.5		17	36	54
800	10.4		14	29	Over height limit
1,000	13		11	23	Over height limit
1,200	14.7		10	21	Over height limit
1,400	18		8	17	Over height limit

## Required Interisland Livestock Shipping Standards | Sheep/ Goats

SHIPPING METHOD	Trailers, 20' containers, 40' containers, shipping pens. Must be structurally sound and without protruding objects that could injure animals. Must have four sided forklift pockets to ensure container cannot shift or tip off the fork lift during lifting.
LEAK PROOF	All shipping trailers/containers shall be watertight up to a level of 2" minimum absorptive bedding and nonslip flooring is required.
SIDES	Sides shall be solid up to the level of the animals' backs.
WINDOWS	Escape proof. Must contain entire animal. Tall enough to be above the backs of the animals or with 3" indented bars to prevent fecal discharge.
ROOF	Must have a solid roof to protect from the sun, rain, and contain the animal entirely.
WATER	Not required for trips < 24hrs; must have some form of watering system in case of transit delay. Please bring your own water when possible.
FEED	Not required for trips < 24hrs.
SPACE	*See table.
TRAILERS DELIVERING LIVESTOCK	All livestock trailers entering into the harbor must be constructed to contain animal's fecal matter and urine, and contain bedding material.
TRANSFER AREA & STAGING AREA	In DOT designated area only. Water should be available nearby.
TRANSFER PROCESS (TRAILER TO CONTAINER)	Trailer with slide or inward opening gate abut flush to container with slide or inward opening gates.
OR TRANSFER PROCESS (DOT CHUTE)	Secure chute gates to trailer and container, if DOT chute is available. Block space between trailer back gate floor and ground.
SPILLAGE	All spillage must be cleaned up and removed from harbor. To comply with EPA, no water should be use to clean, the shipper must bring shovel, broom, etc to clean area. All shipping containers that remain in the harbor must be cleaned out and material hauled away. A fine/fee will be imposed if spillage is not cleaned.

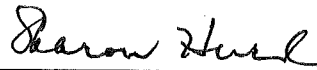
\*These space requirements only pertain to Hawaii interisland transportation and do not pertain to interstate shipping.

AVG. BODY WEIGHT (lbs)	AREA PER ANIMAL (ft <sup>2</sup> )	HEIGHT (ALL SPECIES)	20' CONTAINER (max number to load)	40' CONTAINER (max number to load)	40'X2 DOUBLEDECKER (w/o feeders and water units) (max number to load)
60	2.2	Stand comfortably, ensure head clearance	67	137	240
80	2.5		59	121	211
100	2.8		53	107	189
120	3.4		44	89	156

DEPARTMENT OF AGRICULTURE

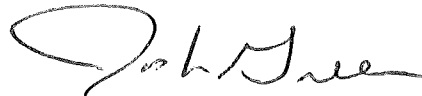
Amendments to and compilation of chapter 4-16, Hawaii Administrative Rules, on the Summary Page dated November 29, 2022, were adopted on November 29, 2022 following public hearings held on on May 9, 2022 (Kauai), May 10, 2022 (Oahu), May 11, 2022 (Maui), May 12, 2022 (Kailua-Kona), and May 13, 2022 (Hilo) after public notice was given respectively in the Garden Island, Honolulu Star-Advertiser, The Maui News, West Hawaii Today, and the Hawaii Tribune Herald on April 8, 2022.

These amendments shall take effect ten days after filing with the Office of the Lieutenant Governor.



SHARON HURD

Chairperson, Board of Agriculture



JOSH GREEN, M.D.

Governor, State of Hawaii

APPROVED AS TO FORM:

Date: 12/12/23



Deputy Attorney General

Filed

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OFFICE