

serotype 1 that meets one of the following criteria for virulence: The virus has an intracerebral pathogenicity index (ICPI) in day-old chicks (*Gallus gallus*) of 0.7 or greater; or multiple basic amino acids have been demonstrated in the virus (either directly or by deduction) at the C-terminus of the F2 protein and phenylalanine at residue 117, which is the N-terminus of the F1 protein. The term “multiple basic amino acids” refers to at least three arginine or lysine residues between residues 113 and 116. In this definition, amino acid residues are numbered from the N-terminus of the amino acid sequence deduced from the nucleotide sequence of the F0 gene; 113–116 corresponds to residues –4 to –1 from the cleavage site. Failure to demonstrate the characteristic pattern of amino acid residues as described above may require characterization of the isolated virus by an ICPI test. A failure to detect a cleavage site that is consistent with virulent strains does not confirm the absence of a virulent virus.

Person. Any individual, corporation, company, association, firm, partnership, society, joint stock company, or other legal entity.

Pet bird. Any bird that is kept for personal pleasure and is not for sale.

Poultry. Chickens, ducks, geese, swans, turkeys, pigeons, doves, pheasants, grouse, partridges, quail, guinea fowl, and pea fowl.

Secretary. The Secretary of Agriculture of the United States, or any officer or employee of the Department to whom authority has been or may be delegated to act in the Secretary’s stead.

State. Each of the States of the United States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, Guam, the Virgin Islands of the United States, or any other territory or possession of the United States.

[61 FR 56882, Nov. 5, 1996, as amended at 67 FR 17610, Apr. 11, 2002; 69 FR 27827, May 17, 2004; 74 FR 18287, Apr. 22, 2009; 78 FR 19082, Mar. 29, 2013]

§ 53.2 Determination of existence of disease; agreements with States.

(a) The Administrator is hereby authorized to invite the proper State authorities to cooperate with the Depart-

ment in the control and eradication of any disease within the meaning of § 53.1.

(b) Upon agreement of the authorities of the State to enforce quarantine restrictions and orders and directives properly issued in the control and eradication of such a disease, the Administrator is hereby authorized to agree, on the part of the Department, to cooperate with the State in the control and eradication of the disease, and, except as provided in § 53.11, to pay 50 percent (and in the case of Newcastle disease or highly pathogenic avian influenza, up to 100 percent, and in the case of infectious salmon anemia, up to 60 percent) of the expenses of purchase, destruction and disposition of animals and materials required to be destroyed because of being contaminated by or exposed to such disease: *Provided, however,* That if the animals were exposed to such disease prior to or during interstate movement and are not eligible to receive indemnity from any State, the Department may pay up to 100 percent of the purchase, destruction, and disposition of animals and materials required to be destroyed: *Provided, further,* That the cooperative program for the purchase, destruction, and disposition of birds shall be limited to birds which are identified in documentation pursuant to Cooperative Agreements,¹ as constituting a threat to the poultry industry of the United States: *And provided further,* That the Secretary may authorize other arrangements for the payment of such expenses upon finding that an extraordinary emergency exists.

[37 FR 5689, Mar. 18, 1972, as amended at 49 FR 3448, Jan. 27, 1984; 49 FR 26712, June 29, 1984; 61 FR 56883, Nov. 5, 1996; 67 FR 17610, Apr. 11, 2002; 67 FR 67095, Nov. 4, 2002; 78 FR 19082, Mar. 29, 2013]

§ 53.3 Appraisal of animals or materials.

(a) Animals affected by or exposed to disease, and materials required to be destroyed because of being contaminated by or exposed to disease shall be

¹ Agreements between the Departments and the particular State involved relating to cooperative animal (including poultry) disease prevention, control, and eradication.

appraised by an APHIS employee and a representative of the State jointly, or, if the State authorities approve, by an APHIS employee alone.

(b) The appraisal of animals shall be based on the fair market value and shall be determined by the meat, egg production, dairy or breeding value of such animals. Animals may be appraised in groups providing they are the same species and type and providing that where appraisal is by the head each animal in the group is the same value per head or where appraisal is by the pound each animal in the group is the same value per pound.

(c) Appraisals of animals shall be reported on forms furnished by APHIS. Reports of appraisals shall show the number of animals of each species and the value per head or the weight and value by pound.

(d) Appraisals of materials shall be reported on forms furnished by APHIS. Reports of appraisals of materials shall, when practicable, show the number, size or quantity, unit price, and total value of each kind of material appraised.

[28 FR 5935, June 13, 1963, as amended at 35 FR 13981, Sept. 3, 1970; 36 FR 25217, Dec. 30, 1971; 56 FR 51974, Oct. 17, 1991; 68 FR 6343, Feb. 7, 2003]

§ 53.4 Destruction of animals.

(a) Except as provided in paragraph (b) of this section, animals infected with or exposed to disease shall be killed promptly after appraisal and disposed of by burial or burning, unless otherwise specifically provided by the Administrator, at his or her discretion. In the case of animals depopulated due to spring viremia of carp or infectious salmon anemia, salvageable fish may be sold for rendering, processing, or any other purpose approved by the Administrator. The proceeds gained from the sale of the fish will be subtracted from any payment from APHIS for which the producer or owner is eligible under § 53.2(b) or § 53.11.

(b) [Reserved]

(c) The killing of animals and the burial, burning, or other disposal of carcasses of animals pursuant to the regulations in this part shall be supervised by an APHIS employee who shall prepare and transmit to the Adminis-

trator a report identifying the animals and showing the disposition thereof.

[28 FR 5935, June 13, 1963, as amended at 56 FR 51974, Oct. 17, 1991; 67 FR 67095, Nov. 4, 2002; 68 FR 42569, July 18, 2003; 69 FR 27827, May 17, 2004; 71 FR 56323, Sept. 26, 2006]

§ 53.5 Disinfection or destruction of materials.

(a) In order to prevent the spread of disease, materials contaminated by or exposed to disease shall be disinfected: *Provided, however,* That in all cases in which the cost of disinfection would exceed the value of the materials or disinfection would be impracticable for any reason, the materials shall be destroyed, after appraisal as provided in § 53.3.

(b) The disinfection or destruction of materials under this section shall be under the supervision of an APHIS employee who shall prepare and transmit to the Administrator a certificate identifying all materials which are destroyed, showing the disposition thereof.

[28 FR 5935, June 13, 1963, as amended at 56 FR 51974, Oct. 17, 1991]

§ 53.6 Disinfection of animals.

Animals of species not susceptible to the disease for which a quarantine has been established, but which have been exposed to the disease, shall be disinfected when necessary by such methods as the Administrator shall prescribe from time to time.

[28 FR 5935, June 13, 1963, as amended at 56 FR 51974, Oct. 17, 1991]

§ 53.7 Disinfection of premises, conveyances, and materials.

All premises, including barns, corrals, stockyards and pens, and all cars, vessels, aircraft, and other conveyances, and the materials thereon, shall be cleaned and disinfected under supervision of an APHIS employee whenever necessary for the control and eradication of disease. Expenses incurred in connection with such cleaning and disinfection shall be shared according to the agreement reached under § 53.2 with the State in which the work is done. In the case of low pathogenic avian influenza related to the 2002 disease situations in Virginia and Texas associated