

Avian Adenovirus Committee Report

Efforts to properly classify avian adenovirus isolates recovered throughout the world continued during the past year. Dr. Barrett Cowen, a member of this committee is coordinating these studies.

The committee has attempted to keep abreast with the current findings pertaining to adenovirus 127 (AAV127) infection all around the world. In order to do so, close contacts were maintained with individual researchers dealing with this problem in the U.S. and abroad and with USDA - APHIS.

Interesting reports were made on this subject during the ANECA - WPDC meeting held in Acapulco, April 23 - 26, 1980. Dr. Bill Baxendale of the United Kingdom and Dr. Brian McFerran of Northern Ireland stated that extensive vaccination with inactive AAV127 has brought losses due to Egg Drop Syndrome (EDS) under control. Dr. McFerran also reported procedures that are being successfully used to eradicate EDS from primary breeding stocks. An abstract of his presentation is attached. Dr. Rosales of Mexico presented evidence that the AAV127 infection is now present in the commercial chickens in Mexico and is causing clinical signs of EDS. An abstract of his paper is also attached. This committee has informed APHIS of its concern of the Mexican findings.

In August - September issue of "Foreign Animal Disease Report (APHIS)" a summary of AAV127 survey in the USA was published. This report is also enclosed for your information.

Barrett S. Cowen
Charles H. Domermuth
Stan H. Kleven
John K. Rosenberger

Donald G. Simmons
Vance J. Yates
Syed A. Naqi, Chairman