

## **Directorate of Animal Health-(Central Sector Scheme)**

### **(a) Animal Quarantine and Certification Service**

The objective of this service is to prevent ingress of livestock diseases into India by regulating the import of livestock and livestock related products, and providing export certification of International Standards for livestock and livestock products which are exported from India. There are six quarantine stations in the country out of which four located at New Delhi, Chennai, Mumbai and Kolkata are operating smoothly from their own premises, which also include a small laboratory. Two other new Animal Quarantine Stations at Hyderabad and Bangalore are currently operating from the airport offices where, the import of Grand Parent (GP) stock of poultry, pets, laboratory animals and livestock products has already commenced. The establishment of Quarantine Stations at Hyderabad is under construction and Bangalore station is near to the completion stage. The scheme helped to prevent the entry of exotic diseases like Mad-cow disease (BSE), African swine fever and contagious equine metritis.

### **(b) National Veterinary Biological Products Quality Control Centre, Baghpat**

The National Institute of Animal Health has been established at Baghpat, Uttar Pradesh to undertake the testing of vaccines and biologicals for their quality.

The Institute has started functioning and is carrying out the following activities.

- The virology laboratory is functional with facilities for testing of quality assurance of FMD vaccine by way of testing of serum samples by LPB-ELISA and sterility of vaccines. Institute has tested the FMD vaccine by sterility, safety and potency test.
- Facilities for starting animal experiments for quality control of FMD vaccines have been put in place and the animal house facilities have been registered with Committee for the Community for the purpose of control and supervision of experiment in animals (CPCSEA).
- The bacteriology laboratory was made functional to carry out the sterility test of bacterial vaccines and testing of BQ, HS and enterotoxemia vaccines has been carried out.
- The Poultry vaccine-testing laboratory has been established with standardization of tests for the Newcastle disease vaccine (Live) and Infectious Bursal Disease vaccine (IBD).
- The Pathology laboratory including Clinical pathology has also been made functional.

### **(c) Central/Regional Disease Diagnostic Laboratories**

In order to provide referral services over and above the 250 existing disease diagnostic laboratories in the States, one Central and five Regional Disease Diagnostic Laboratories have been set up by strengthening the existing facilities. The Centre for Animal Disease Research and Diagnosis (CADRAD) of Indian Veterinary Research Institute, Izatnagar is functioning as Central Laboratory. The Disease Investigation Laboratory, Pune, Institute of Animal Health and Veterinary Biologcials, Kolkata, Institute of Animal Health & Biologcials, Bangalore, Animal Health Institute, Jalandhar and Institute of Veterinary Biologcials, Khanapara, Guwahati are functioning as referral laboratories for Western, Eastern, Southern, Northern and North-Eastern region, respectively. The laboratories at NRDDL (Jalandhar), SRDDL (Bangalore), ERDDL (Kolkata) and CDDL (Izatnagar) have been strengthened with pre-fabricated BSL-III laboratories while a mobile BSL-III laboratory has been provided to NERDDL, Guwahati. These RDDLs have been of great help to the country for surveillance and diagnosis of various livestock and poultry diseases including Avian Influenza.