

# Epidemiology

Epidemiology allows to know the behavior of the pests and disease of economic and sanitary impact

Epidemiology facilitates the identification of the key factors to prevent, control and eradicate pests and diseases that affect land and aquatic animals, with the aim to preserve the health of animal populations.

The Secretariat of Agriculture and Rural Development (SADER), through the National Service for Agro-Alimentary Public Health, Safety and Quality (SENASICA) is tasked with establishing the national policies and programs and actions concerning veterinary epidemiology (surveillance, research and analysis) in coordination with different players from the official veterinarian services and the public, social and private sectors, aiming to:

1. Assess the behavior of endemic pests and diseases of land animals and aquatic organisms.
2. Prevent the introduction of exotic diseases and pests of animals and aquatic organisms.
3. Detect the early presence of emergent or reemergent pests or diseases.
4. Assess the control and eradication measures of animal and aquatic organisms, pests and diseases.
5. Define the sanitary status of the country and its different regions.

## **Query material**

Manuals to obtain and dispatch samples for the diagnosis of diseases programmed in the 2019 epidemiological surveillance

**Alejandra León Cruz, Veterinarian-Zootechnician** Phone: (55) 59 05 10 00 Ext. 53213, [alejandra.leon@senasica.gob.mx](mailto:alejandra.leon@senasica.gob.mx)

**Luis Gabriel Figueroa Martínez, Veterinarian-Zootechnician**  
Phone: (55) 59 05 10 00 Ext. 53201,  
[luis.figueroa@senasica.gob.mx](mailto:luis.figueroa@senasica.gob.mx)