

## **The Secretariat of Agriculture launches the AVISE app to report animal exotic diseases**

This tool is incorporated to the measures operated by the Senasica to prevent the introduction and spread of livestock diseases.



To reinforce the measures to protect the sanitary conditions of the national livestock production, the Secretariat of Agriculture and Rural Development made available to livestock breeders the AVISE mobile app, that facilitates reporting animal symptoms that could signal the presence of exotic diseases in a farm or productive unit.

The app is incorporated to the measures operated by the National Service for Agro-Alimentary Public Health, Safety and Quality (Senasica) to prevent the introduction and spread of exotic (foreign) diseases that could impact the production of birds, bovine, porcine, ovine, caprine, equine and leporid animals, bees and fishes.

The Secretariat of Agriculture makes available to the livestock breeders a mechanism to streamline and increase the number of reports, since according to the National Information System of Exotic and Emergent Diseases (SINEXE), during the past 10 years only 1,260 report about pig diseases have been received, an average of 10.5 alerts per month in a country with a pig population over 17.8 million heads.

Exotic diseases like African swine fever (ASF), bovine spongiform encephalopathy (mad cow disease), foot-and-mouth disease, classical swine fever and influenza, among others, can be quickly prevented and controlled through timely reporting.

The procedure to submit reports through the app is simple: the farmer enrolls in the system and technical personnel contacts the farmer and provides follow-up to the case.

After the app generates a user and password, the farmer can visualize an interactive menu with drawings of the species that can be reported.

After an option is selected, the drawing becomes shaded and allows the user to report the disease symptoms and attach up to five photos per notice.

For pig diseases, for example, the app provides many symptom options: high mortality; blisters; presence of vesicles in the snout, nipples or legs; bruising; fever; rotting wounds in live animals, etc.

Subsequently, with the help of the equipment's localization software, the app will generate the geographical point from where the report was sent, so veterinarians from the Mexico-United States Commission for Prevention of Foot-and-Mouth Disease and other Animal Exotic Diseases (CPA) of the Senasica can visit the animals for inspection.

Finally, the system generates a folio for the user and provides a telephone number for further inquiries, and invites the user to be alert to a follow-up call from the Ssenasica's technical personnel.

The AVISE app is currently available for Android devices and soon will have an iOS version. <https://play.google.com/store/apps/details?id=mx.senasica.avise>