

Rodents and Birds Laboratory

Its functions are focused on innovation, development and transfer of new ecologically sound and profitable management technologies. To this end, it integrates the phytosanitary diagnosis which makes it possible to direct the impact of management actions on rodents and birds with a recognized pest status, without affecting other species. The diagnosis of rodents is made by analyzing external body morphometry, morphometry of the cranial structure and performing molecular DNA studies.

Furthermore, this laboratory is responsible for safeguarding and preserving biological material, such as skins, bone tissue, muscle tissue, and organs, which are documentary evidence of biodiversity, natural history, taxonomy, evolution, geographic distribution, phylogenetic relationships, past, present, and between species of rodents and birds that inhabit these agricultural ecosystems.