



The **Tropical Animal Production Unit (URZ)** of the French National Institute for Agricultural Research (INRA) situated in Guadeloupe performs research aimed at developing technically and economically feasible production systems that valorize the local plant and animal resources in a tropical environment. Their objectives are centered on developing a sustainable productive and profitable agriculture.

Three themes are developed, including:

- Animal Nutrition
- Adaptation to breeding constraints
- Optimisation of breeding systems



Research is performed with multi-field scientific competences by researchers in nutrition, parasitology and genetics and the major programs are focused on food and grazing systems, resistance to parasites, production of pork in a tropical environment and the genetic improvement of local populations. The URZ scientists have an experimental farm available with bovine, caprine, ovine and porcine species in two locations: Gardel (a dry area on the north side of the island, and well suited for grazing-based experimentations) and Duclos (located in the humid part of the island and oriented towards confined animal production).



Two INRA divisions are implicated in this unit's research: the Animal Genetics Division and the Animal Physiology and Livestock Systems Division (PHASE). Being the only INRA Center located in a tropical zone, the URZ is a privileged site for research and north-south co-operation. Studies are performed in collaboration with the CIRAD and the Antilles-Guyane University and also with the numerous international partnerships that the unit is continuously founding in the north and with other different tropical areas.



Web site:

http://www.antilles.inra.fr/antilles_eng/les_recherches/unite_de_recherche_en_productions_animales.