

Biomass fluxes and fertility transfers (CDRom)

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The case of animal wastes management in the Reunion Island

This CD-Rom describes here the studied problematic and synthesises the main achievements. This research was performed in association during 3 years (1999-2001) with several research groups from Cirad, Inra and the university of La Reunion, to build models in order to represent and simulate animal waste management strategies.

Presentation

The development of agriculture in the Reunion Island encounters two problems related with the management of organic material. These are the risk of pollution generated by livestock farming and the loss of soil fertility. A solution that can be considered is to better organise the transfer of organic material from animal plants to crops. For this, it is necessary :

This Cirad's research programme (ATP 99/60) allowed us to build models (either coupled or in isolation) to representing and simulating these management strategies with aim to analyse, test, communicate and supporting decision of farmers, technical advisors and people in charge of the agricultural policy.

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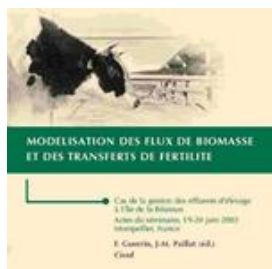
Content

Introduction

**Thème 1. Gestion des effluents dans
l'exploitation agricole - Niveau
d'organisation individuel**

**Thème 2. Gestion des effluents à l'échelle
territoriale - Niveau d'organisation collectif**

Thème 3. Valorisation agronomique et évaluation du risque environnemental



Yes