Abstract
The report shows the results from the characterization of the biophysical and socioeconomical dimensions, from the production systems of 16 rural counties from three municipalities in the Province of Garcia Rovira, department of Santander, Colombia, elaborated with a systemic approach. These results belong to the first phase of a project, proposed to gain enlightens in the study and the epidemiologic map of fasciolosis in the department of Santander. The results of the characterization will be applied to the interpretation of the results of serologic and coprology in terms of the spatial and temporal distribution of the disease. In the same way analysis of risk factor will be conducted, searching to propose intervention strategies to prevent and control. This article identified and described three different groups: Group 1, mixed producers with bovine - ovine inventory in medium size extensions. Group2: extensive producers with predominance of sheeps in large extensions. Group 3: mixed producers bovine - ovine in smallholders farms.

Keywords
Keywords, system characterization, epidemiology, fasciola, rural development.