

IPM CRSP Trip Report

Country Visited: Ecuador

Dates of Travel: 8/29/2011-11/21/2011

Traveler Name: Andrew (Andy) Sowell

Purpose of Trip: Assistance with analysis of socioeconomic data

Sites visited: Quito (First week of trip, most of the last 3 weeks of trip)
Píllaro, Ambato (First week of October; November 14-16)
Guaranda (Most of September; last three weeks in October; November 16-17)
Carchi (November 9)

Description of Activities:

Primary task: analysis of IPM CRSP baseline survey of data from Bolívar, Ecuador

Some data analysis occurred in the US prior to my departure to Ecuador, but many details in the survey had to be verified using the original copies of the survey instruments. These details were verified with the assistance of the local extension workers and the original survey enumerators. I conducted analysis and, as issues with interpretation of responses arose, we addressed them with those who were responsible for the survey. Results were presented in a written report, which was also translated to Spanish. The database, which was created using Stata, was left behind for further analysis, along with a document describing the creation and management of the database.

IPM CRSP Collaborators Contacted:

Victor Barrera, Fernando Chamorro: Administrative Assistance in Santa Catalina, Quito

Moazir Celleri, Luis Escudero: Direct assistance in interpreting questionnaire responses in Guaranda

Highlights of work:

Analysis of baseline survey results includes analyses of gender, pests, control methods, and socioeconomic considerations. The report focuses on a variety of agricultural and socioeconomic differences between the two watersheds in study (Alumbre and Illangama). Application and familiarity with IPM methods and soil conservation techniques are also analyzed. Regression

analysis is also utilized to understand the correlations between various determinant factors and adoption of IPM methods and conservation methods.

Secondary task: analysis of naranjilla costs of production

During a stay in Píllaro, costs of clean and organic naranjilla production were calculated, along with costs of production for three producers in the Rio Negro region. This data was used to compare costs and benefits of naranjilla production and estimate the profitability of the crop. Data was provided in Spanish to INIAP collaborators.

Contacts:

Victor Barrera (Quito): requested profitability information and information was diffused

Aníbal Martínez (Píllaro, Ambato): individual providing some of the cost data on naranjilla and conducting two of the surveys utilized

Mercy Villares (Píllaro, Ambato): assisted in the interpretation and calculation of costs for organic naranjilla

Rosendo Jácome (Píllaro, Ambato): provided logistical support during the time in Ambato

Germán Ayala (Píllaro, Ambato): provided logistical support during the time in Ambato, specifically in providing access to a training event in Baños, where we met with a few naranjilla producers

Highlights of work: Summary tables were generated, detailing the estimated costs and revenues associated with experimental trials of clean maintenance and organic maintenance of naranjilla. Additionally, summary tables were created which summarize results of three interviews with current naranjilla producers. Two of the three producers from whom data was collected were producers of the grafted naranjilla.

Generation of recommendations for the survey instrument to be used for the Impact Analysis of the IPM project on potato production in Carchi, Ecuador

Contact: Giovani Suquillo (during a visit to Carchi)

Other translations, as requested.