Agri-Food Chain Information System – SISPRO

Juan Manuel Galarza
SIAP-SAGARPA
Mexico, Mexico
Email: jmgalarza@siap.gob.mx

Abstract: This paper will describe the features and benefits of SISPRO with emphasis on the system's flexibility. This flexibility feature enables and allows the system users to more effectively take part in their agri food chain activities and better supports the system users' communication and permanent conciliation with their economic and institutional counterparts in the business productivity channel.

Discussed is the integration of infrastructure calculations, development tools, development of the information, database and equipment management, systems and methods to guarantee availability and accessibility to the system, and how the Secretariat of Agriculture, Cattle, Rural Development, Fishing and Nourishment (SAGARPA) facilitates integration of the system's technology infrastructure.

The Strategic Planning office has completed development of sixteen of the system product modules. The sixteen products include: Avocat, Blue Agaves variety from Tequila, Beans, Cotton, Rice, Cocoa, Coffee, Corn, Grapes, Guava apple, Mexican Lemon, Mangoes, Orange, Pork, Wheat and Watermelon.

Major features of the system are discussed including topics on: Inputs, Production, Trade, Industrialization, Final Consumption, Current Situation and Perspectives, Support Programs, Research and Development, and specific aspects of each system product. To achieve overall results the system compiles, integrates and analyzes information that is not available within its database of information.

The system can also compile and present specific information on Trade, Standardization (quality & innocuousness), Global Panorama, Value of the systems – product, Agri food information, Employment, Household Consumption and Expenditure, Producer (wholesale and consumer prices to the producer), Support Programs, as well as current situation and perspectives analysis among others.

Also, SISPRO contains a dynamic system for consultation of Geographical Information in three different levels: National, State and Municipal. Additionally, it is possible to obtain maps of the Mexican Republic, which show the origin for each Agri Food chain.