2011 Projects

Quality Control Projects

Quality Control: Traceability and Carbon Footprint

An expertise in food systems traceability applied to bulk materials has been developed in the past four years; an international conference was held in June 2009. Practical application to grain handling and grain processing will be developed, in the form of distance training, templates, and other media. IGQI was asked to consider how the carbon footprint of grain handling could be estimated, and managed. This is also a traceability problem; the carbon footprint aspect of the project will be designed using traceability principles and mathematics. It was decided that we should create templates for tracking carbon (energy) inputs and outputs in postharvest operations to document against the developing industry standards. Advisory committee organizations will be asked for input as to construction and inclusions. Collaboration with an energy assessment and trading firm has been formed and a summary of the previous grants in traceability will be completed by August 2010.