



“Validation and transfer to the key stakeholders of a sustainable and effective aflatoxin management system in the Brazil nut production chain for recovering and consolidating export markets, particularly in Europe”

Period: 1 June 2006 – 31 May 2008 ; **Execution:** States of Acre and Pará, Amazon region, Brazil

Objectives

Main activities

<p>1. Characterization of the Brazil nut production chain, and formulation of organizational and incentive strategies for safety control.</p>	<ul style="list-style-type: none"> • Technical and socio-economical diagnostic of the Brazil nut production chain. • Analysis of the major constraints and opportunities for aflatoxin control. • Formulation of organizational and incentive strategies.
<p>2. Validation of recommended good practices in the Brazil nut production chain for aflatoxin control.</p>	<ul style="list-style-type: none"> • Selection of Brazil nut production chains following recommended good practices. • Sample collection and analyses (fungi/aflatoxins/Aw), environmental factors registration (temperature/relative humidity/insect infestation). • Development of a simple predictive model for aflatoxin and fungi production. • Update of existing manual of good practices for Brazil nuts.
<p>3. Validation and implementation of a rapid aflatoxin surveillance system for use along the Brazil nut production chain.</p>	<ul style="list-style-type: none"> • Adaptation and testing of rapid ELISA (Enzyme Linked Immunosorbent Assay) and LFD (Lateral Flow Device) methods for aflatoxin analysis in Brazil nuts • Setting up of the two methods in Brazil at laboratory and field level.
<p>4. Knowledge and technology transfer to the key stakeholders.</p>	<ul style="list-style-type: none"> • Training courses, website, scientific and specific publications, TV programmes...
<p>5. To strengthen the public-private dialogue and partnership in the Brazil nut sector.</p>	<ul style="list-style-type: none"> • Kick off meeting and first workshop, progress meetings and final workshop.

With the collaboration of:

- The governments of the Brazilian States of Acre and Pará and its executive services,
- The key stakeholders of the Brazil nut production chain (producers/extractivists, processors and exporters) as focus groups of the project,
- Peruvian and Bolivian partners for a regional impact in the Amazon.

For more information: <http://www.stdf-safenutproject.com/>