

## Profile for Technical Cooperation Project

<b>1. Project name</b>	Building Capacity for the Management of Citrus Greening (Huanglongbing/HLB) in Saint Lucia
<b>2. Thematic Area / Program / Cross-cutting Theme</b>	Agricultural Health, Safety and Food Quality - Develop Skills for Adopting Good Practices and for Dealing with Emerging Issues and Sanitary, Phytosanitary and Food Safety Emergencies, with an emphasis on Cross-Border Cases  Cross-cutting themes: Innovation and Technology
<b>3. Unit / Responsible Staff/ Participants</b>	Delegation in Saint Lucia: Brent Theophile
<b>4. Geographic Scope:</b>  <ul style="list-style-type: none"> <li>• Local</li> <li>• National</li> <li>• Multinational</li> </ul>	National
<b>5. Start and finish dates</b>	September 2 – November 15 2019
<b>6. Brief description of the actions</b>	<p>The proposed project seeks to support measures aimed at containing the spread of Citrus Greening Disease (Huanglongbing/HLB). Citrus, which includes orange, lime, lemon, grapefruit, mandarine, ortanique and tangerine are a group of fruits of major economic value in St Lucia and the wider world. There is substantial demand for citrus fruits by the hotel industry and the local market (est. 1,478.21 t valued at EC\$5.12 million in 2018) particularly for the production of fresh juices and pulp. Local production has not been able to meet the demands of the hotels nor the local market. In addition, Phytosanitary restrictions have prevented the importation of citrus for many years, making local production of significant importance to meeting market demand.</p> <p>HLB was officially confirmed in St Lucia in 2016 and linked to the decline in production levels as well as the quality of fruits produced. This has resulted in the loss of a number of citrus trees over the island. Further, the disease has been observed to thrive in high humidity and low rainfall areas which coincide with the major citrus-producing regions of the island. Consequently, the risk of more aggressive spread is high, prompting intervention via this project.</p> <p>Specifically, the project will:</p> <ol style="list-style-type: none"> <li>1. Host a symposium with farmers, researchers and extension officers to share research findings, good practices from the</li> </ol>

	<p>Caribbean region on the early detection and rapid response protocols for control of HLB. The symposium will specifically draw on the experiences of Jamaica, St Vincent and the Grenadines and Grenada for the control of HLB. In so doing, it will foster harmonization of appropriate management protocols relevant to SIDS and their resource and human capacity limitations;</p> <ol style="list-style-type: none"> <li>2. Conduct field demonstrations of good field practices in the control and removal of diseased plants/planting material(s) with the aim of building capacity to adopt recommended rapid response protocols. This activity will also enable the Crop Protection Unit to later use the demonstration farm/site for evaluation of the efficacy of control measures, as well as future training.</li> <li>3. Establish nursery protocols for the propagation of clean planting material to curtail the distribution of diseased material. This action is aimed at establishing one dedicated propagating facility and building capabilities at an existing nursery supplying citrus planting material and demonstrating control protocols for farmers and nursery operators in propagating disease-free material for sale.</li> </ol> <p>These actions are aimed at addressing knowledge, sensitization and core capacity limitations to better control and limit the spread of HLB.</p>
<p><b>7. General objective and specific objectives</b></p>	<p>The objective of the project is to enhance national capabilities in the area of risk management, preparedness and response to sanitary and Phytosanitary emergencies.</p> <p>Specifically, the project will:</p> <ol style="list-style-type: none"> <li>1. Build capacity of farmers, extension officers and researchers in adopting good practices for identifying and containing the spread of HLB;</li> <li>2. Enhance local response capacity for management of HLB by establishing a nursery for the propagation of disease-free material.</li> </ol>
<p><b>8. Beneficiaries / Counterparts / Stakeholders</b></p>	<p>Beneficiaries/Stakeholders:</p> <p>Citrus Farmers</p> <p>Ministry of Agriculture, Fisheries, Natural Resources, Physical Planning and Cooperatives: Crop Protection Unit, Extension Services</p>

<p><b>9.</b> Brief description of components and/or main activities</p> <ul style="list-style-type: none"> <li>• Activities</li> <li>• Deliverables</li> <li>• Goals</li> </ul>	<p>Main Activities/Deliverables:</p> <ol style="list-style-type: none"> <li>1. Host a symposium to sensitize stakeholders (farmers, researchers and extension officers) on good management practices and recommended rapid response protocols for control of HLB;</li> </ol> <p>Deliverable: At least 30 farmers, researchers and extension officers sensitized in early detection of HLB and good management practices for controlling its spread</p> <ol style="list-style-type: none"> <li>2. Conduct field demonstrations of good field practices in the control and removal of diseased plants/planting material(s).</li> </ol> <p>Deliverable: At least 30 farmers, researchers and extension officers have capacity built in good management practices for controlling the spread of HLB on farms and via diseased propagating material</p> <ol style="list-style-type: none"> <li>3. Establish and train nursery operators in protocols for the propagation of clean planting material to curtail the distribution of diseased material;</li> </ol> <p>Deliverable 1: Nursery protocols for propagating disease-free planting material developed/documented  Deliverable 2: Capacity of 15 nursery operators built in shoot tip grafting for production of clean planting material</p>
<p><b>10.</b> Brief description of organization for execution</p>	<p>IICA will coordinate with the Crop Protection Unit of the Ministry of Agriculture for the implementation of proposed interventions. IICA will manage project expenses and coordinate logistics for the activities. Crop Protection will coordinate</p>
<p><b>11.</b> Cost and funding of project</p>	<p>US\$10,000</p>