

## Project Summary

Title	Assessment of the fruit fly, <i>Bactrocera invadens</i> , pest status and the establishment of the parasitoid, <i>Fopius arisanus</i> in Mozambique
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Purpose	The overall objective of the study is to assess <i>B. invadens</i> pest status and the establishment of the parasitoid, <i>Fopius arisanus</i> as biological control agent against the invasive fruit fly, <i>B. invadens</i> , in Mozambique.
Project Summary	<i>Bactrocera invadens</i> is the most important pests of fruits and vegetables in Mozambique. The present project proposal will evaluate <i>B. invadens</i> distribution and pest status; damage and yield loss due to fruit flies; conduct field releases and impact assessment of classical biological control using the exotic parasitoid, <i>Fopius arisanus</i> and will assess farmers perception on the occurrence and socio economic impact of <i>B. invadens</i> on fruit and vegetable production and food security. Two MSc students will be involved in conducting research work. Each student will conduct field and laboratory studies.
Country and Specific Location(s)	Northern province of Cabo Delgado, Mozambique
Participating Institutions	Ministry of Agriculture coordination and technical coordination by Faculty of Agronomy and Forest Engineering
Start Date	September, 2010
End date	September, 2012
Amount of Funding	USD 60,000