

INTERNATIONAL IMPACT OF THE MOSQUITO BIO-LARVICIDES PRODUCED BY LABIOFAM, CUBA

The [Labiofam Entrepreneurial Group of Cuba](#) continues to promote internationally products and high quality methods for eradicating malaria. In particular, LABIOFAM developed two natural, highly effective mosquito bio-larvicides: [GRISELESF®](#) and [BACTIVEC®](#).

BACTIVEC® has been used in Cuba since 1980, and GRISELESF® since 1990. In Cuba these products have been recognised by the Cuban industrial property office and various national ministries. Abroad, these products are recognised by public health and agricultural institutions, private enterprises and United Nations agencies such as PAHO/WHO and UNDP.

Both products have been validated by the *Pedro Kourí* Institute of Tropical Medicine; the UNESCO Collaborating Centre; the WHO Collaborating Centre for Research and Training in Medical Malacology and Biological Control of Vectors and Intermediate Hosts of Diseases Transmittable to Man; the WHO Collaborating Centre for the Study of Viral Infections; the WHO Collaborating Centre for the Study of Tuberculosis and Mycobacteria; the National Reference Centre for Vector Monitoring and Control Activities directed by the Vector Monitoring and Control Unit of the Cuban Public Health Ministry.

Despite the important results achieved in many countries in the [fight against malaria](#), it is estimated that this disease in 2015 [affected about 214 million people](#).

In this context LABIOFAM cooperates with different countries interested in producing and using the natural bio-larvicides GRISELESF® and BACTIVEC® to eradicate malaria. Since 1995, the application of these bio-larvicides began in Latin American countries such as Nicaragua, Honduras, Guatemala, Mexico, Paraguay, Peru, Colombia and Argentina. They were also conducted laboratory studies, field tests and projects in Sao Tome and Principe, Mozambique and Tanzania.

Cooperation with African countries has been significantly increasing over the years, allowing the performance of pilot projects Nigeria, Ghana, Angola, Burkina Faso, Zambia, Tanzania and Equatorial Guinea.



Efficacy and effectiveness bioassays and pilot trials were also made in countries of Asia, Africa and Europe such as The Maldives, China, Vietnam, India, Indonesia, Sri Lanka, Uganda, Romania and Spain.

High-level delegations from Namibia, Iran, Timor and the Republic of Congo visited LABIOFAM in Cuba to explore opportunities for collaboration. LABIOFAM offers all countries its specialized technical assistance and support for the production and use of the bio-larvicides GRISELESF® and BACTIVEC®, for eradicating malaria.

To know more

<http://www.labiofamcuba.com/>

[Labiofam servicios](#)

[Labiofam-Tanzania 2011](#)

[Labiofam revista 2012](#)

[Congreso Internacional Labiofam 2012](#)

[Cuba Update 2014](#)

