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Mark check for Monrovia Malaria

**Thank You**

Your interest is appreciated

**Kill Malarial  
Mosquitoes NOW!**



**The Monrovia  
Mosquito / Malaria  
Control Program  
in Liberia**

Support for this program is growing from  
Government agencies, the Corporate Sector,  
Bilateral and Multilateral Organizations, Private  
Philanthropic and Faith-based groups and  
individuals.

**About Malaria**

Malaria is perhaps the biggest  
killer disease in the world.  
More than 3,000 children die  
every day from malaria. More  
than 500 million people get  
malaria several times a year. It  
is a debilitating disease. It  
stunts economic progress, and  
it kills.

It is endemic in tropical places,  
but in wealthy countries  
malaria is no longer a serious  
health threat. Malaria can be  
controlled, but it has gone  
unchecked in most of the  
developing countries for the  
past thirty years.

Malaria is a parasitic disease of  
the blood. It is passed from  
person to person through  
mosquito bites. The entomology  
of this is (reasonably) well  
known. The parasites can be  
treated medically. But  
continuous reinfection makes  
medical treatment never-  
ending and build up of  
resistance to drug treatment  
becomes a problem.

But malaria can be brought  
under control with a science  
based all out-effort.

## Characteristics of the Program

This mosquito / malaria control program is a science based action initiative:

- \* **Entomology** to understand the mosquito,
- \* **Medical science** to understand the malaria parasite, and
- \* All-out **operational activities**

The goal is reduction in the malaria health crisis ... to break the perpetual cycle of reinfection that makes limited interventions ineffective.

The program uses data to plan and to revise continuously the operational activities so that the program goal can be met. Data are collected all the time and analyzed for the effectiveness of the program.

The program is an all out effort that addresses the malarial mosquito as the vector and the malaria parasite in the human host that makes mosquitoes dangerous.

Pesticides are used in this program in ways that are highly toxic to mosquitoes but safe for animals and humans.

The safety of the environment is continuously under review.

## An all-out effort

The mosquitoes are attacked from all directions: From the air ...



Using sprayers mounted on vehicles ...



And using hand held equipment .



The program also uses interior residual spraying (IRS). Larvaciding and community efforts are used to reduce mosquito breeding. It is an all-out effort.

## Economic losses, program costs and benefits

Malaria costs a nation's economy as much as 30% of its potential productivity and endemic malaria makes economic progress almost impossible. For Liberia a 30% productivity loss is equivalent to a per capita opportunity cost of US\$300 per year.

By comparison the Monrovia Mosquito /Malaria Control Program estimates a cost of under \$8 per person per year.

A first year cost of \$8 million is estimated, and a five year cost of \$28 million. A continuing program should be anticipated at an annual cost currently estimated of \$2 million per year.

About a million people directly benefit.

The economic value of controlling malaria in Monrovia is many times the cost of the program. Monrovia will never be part of the global economy on a full basis unless malaria is controlled.

The human value of reducing child mortality cannot be adequately measured financially. Thousands of children, the future of the country, will live who otherwise would die.