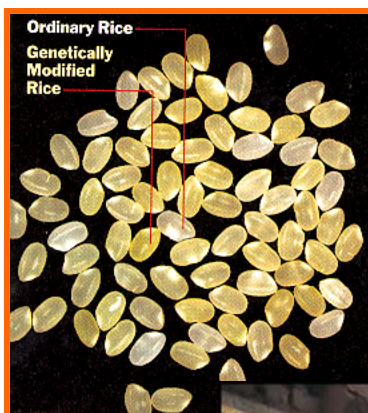


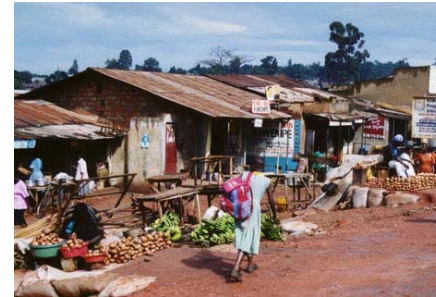


DDT, biotechnology and eco-imperialism





Sustainable Development



Meet needs of present generations – without:

- “compromising needs of future generations”
- depleting “finite resources”
- “poisoning the Earth” with fossil fuels, chemicals, biotechnology



Sustainable energy

Appropriate / sustainable:

- Solar panels on huts
- Wind turbines



Inappropriate / not sustainable:

- Hydroelectric
- Fossil fuel
- Nuclear

2 billion people still live without electricity on \$500 / person / yr





Sustainable agriculture



Biotechnology benefits:

- Higher yields
- Greater nutrition
- Resists insects, disease
- Grow in poor soil
- Fewer pesticides

“There are 6 billion people on the planet today. With organic farming, we could only feed 4 billion of them. Which 2 billion would volunteer to die?” Dr. Norman Borlaug





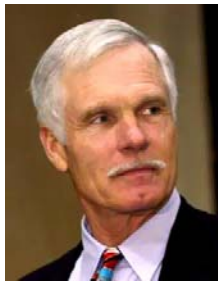
*UNICEF, USAID, WHO : Helping people
“attain the highest possible level of health”*



- Focus on First World concerns
- Ineffective response to Third World crises
- Politically correct health strategies
- Ignore policy failures
- First, do no harm?



Sustainable ideology vs. reality

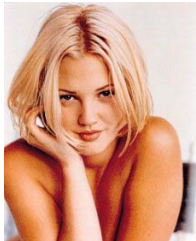


- “Traditional” housing
- Contaminated water
- Open fires
- Disease-carrying insects
- Distant clinics





“Going native” – Hollywood style



Cameron Diaz and Drew Barrymore host *Trippin'* – the MTV program that goes via limo, jet and helicopter to far-flung sites around the world, to promote “sustainable” lifestyles, by showing how “awesome” it is to live in poverty and use cow-dung to fuel cooking fires.



Sustaining lives



- ✚ Environmental justice
- ✚ Human rights
- ✚ Social responsibility



Sustain LIVES – not lethal ideologies, policies



Fiona “Fifi” Kobusingye, Uganda

“I’ve suffered high fevers for days, vomited until I thought I had no stomach left. It has left me dehydrated, thirsty and weak. And sometimes I couldn’t even tell day from night.”





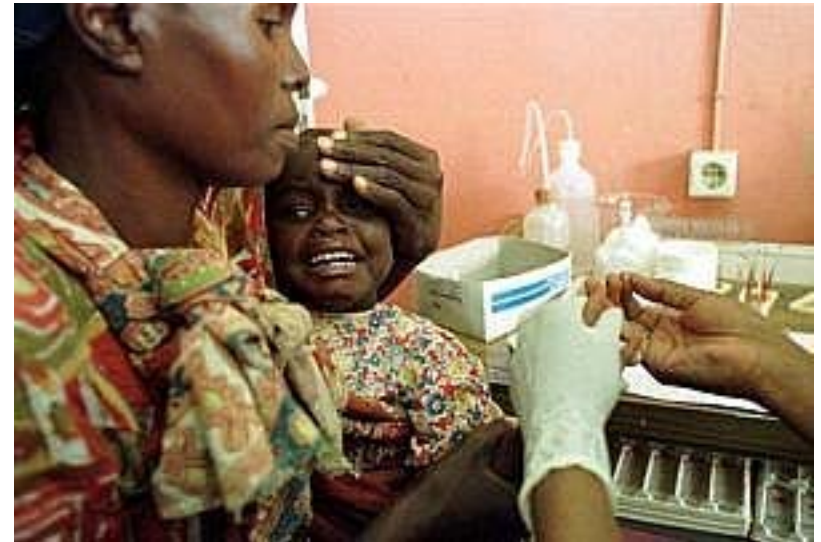
“... Her eyes bulge out like a chameleon, and her stomach is all swollen because the parasites have taken over her liver. Her family doesn't have the money to help her. All they can do is take care of her the best they can, and wait for her to die .”

Fifi Kobusingye



Malaria: A vicious serial killer

- ❖ 500,000,000 people a year infected
- ❖ 2,000,000 people a year killed
- ❖ Over 80% in sub-Saharan Africa
- ❖ 90% children and pregnant women





Comparable U.S. malaria rates

If the United States had malaria rates comparable to Africa's:

- 100 million sick
- 250,000 dead children





Those malaria does not kill ...

... are left too weak to:

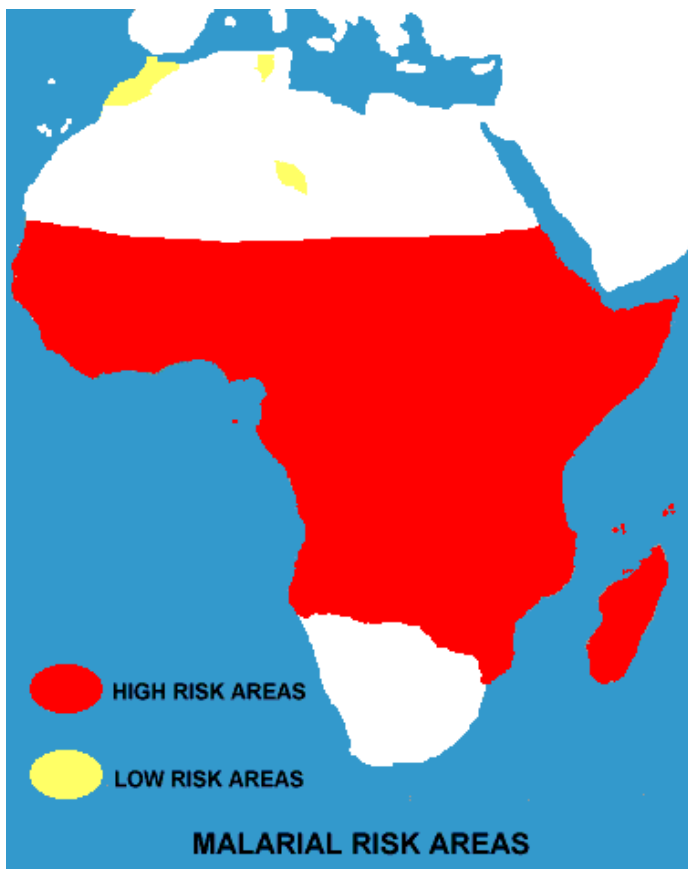
- Work
- Go to school
- Care for families
- Cultivate fields
- Survive other diseases



- Malaria depletes healthcare resources
- Malaria keeps Africa permanently impoverished



Malaria = Poverty



Central Africa:

- Worst malaria
- Worst poverty





Global health agency policies

- Bed nets
- Drug therapies
- “Integrated vector management”
- “Capacity building”
- Education

- But never pesticides – especially DDT





DDT: Killer or life saver?

US Environmental Protection Agency (EPA) banned DDT in 1972 – but did so in response to:

- Rachel Carson and *Silent Spring*
- Environmental Defense (Fund)
- Natural Resources Defense Council

...

- **after** USA, Europe, Canada and Australia had used DDT to eradicate malaria and other diseases





They can afford to oppose DDT –



A child with malaria. Malaria kills an African child every 30 seconds.

Africans cannot.



Malaria: 50 million dead since 1972





DDT helps prevent malaria

DDT stops mosquitoes

- Repels
- Irritates / disorients
- Kills

Mosquitoes don't bite –
People don't get malaria

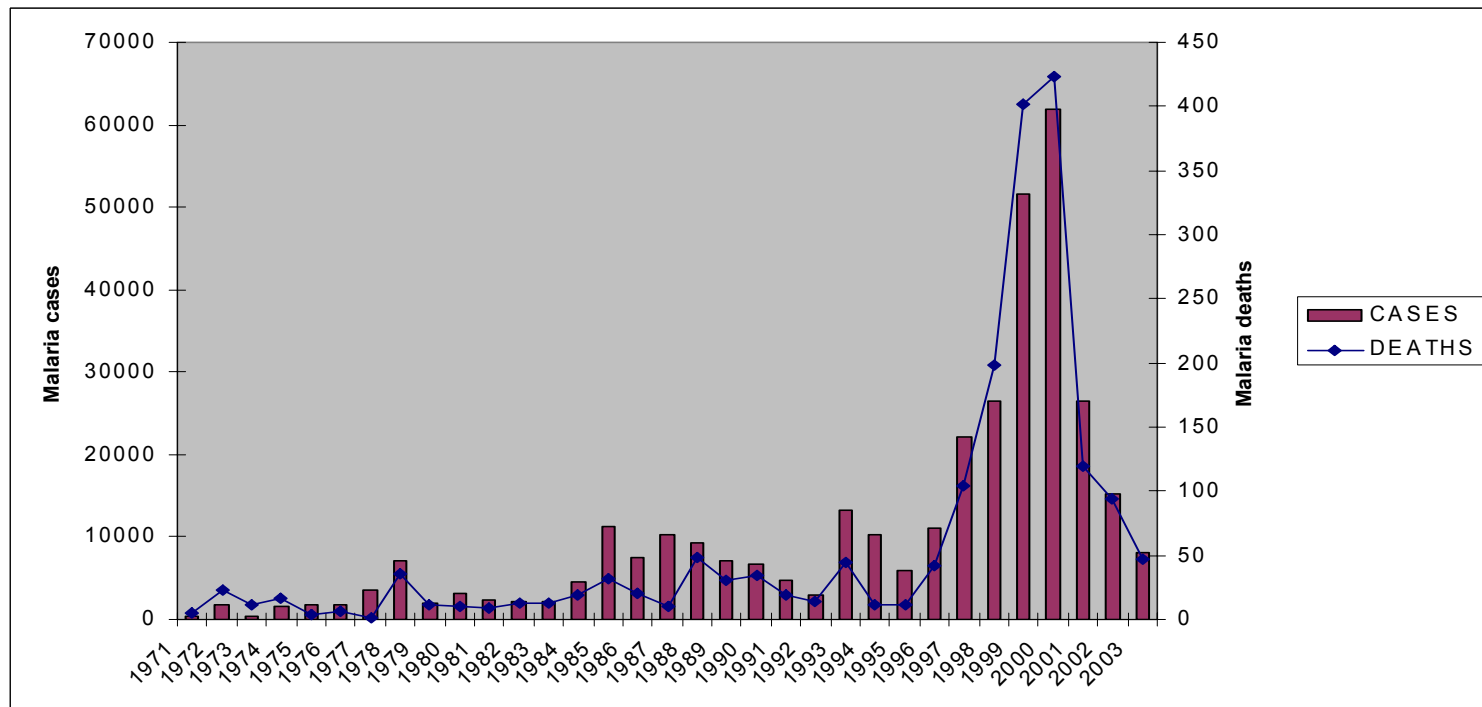


DDT slashes malaria
rates by as much as
80 percent



South Africa malaria history

Malaria Cases and Deaths, South Africa, 1971 - 2003





DDT: Safe and effective



- Not carcinogenic
- Safe for humans
- Safe for environment
- Mosquitoes less likely to build immunity
- Enables drugs, bed nets to work properly
- Saves people's lives!



Eco-Imperialists vs. world's most powerless and destitute people

- Oppose DDT, other pesticides
- Threaten malaria endemic countries with agricultural bans, aid cutoffs
- Uganda
Belize
Ethiopia





USAID's malaria program, 2004

- \$80 million budget
- 85% on consultants
- 10% on "capacity building"
- 5% to promote bed net use
- Not one dime to provide bed nets, drugs or pesticides
- Opposes pesticide use





WHO and USAID malpractice

- ❖ Promote bed nets that do little to prevent malaria – 20% reduction
- ❖ Provide drugs that fail 50-80% of the time
- ❖ Worry about theoretical risks of using pesticides





Greenpeace concerns

- ✚ “**measurable quantities**” in breast milk
- ✚ “**think DDT could** be inhibiting lactation”





World Wildlife Fund concerns

- ⊕ “***might*** cause cancer’
- ⊕ “***related to*** slow reflexes”
- ⊕ “triple whammy”
- ⊕ “***suggest*** that DDT ***can*** weaken” immune systems



Toxics and Health





Environmental Defense concerns

- ✚ “***associated with*** premature birth”
- ✚ “***associated with*** decreased duration of milk supply”

Every single NGO claim is rank conjecture. Not one scientific study supports these assertions.





DDT protected them:



- Concentration camp survivors
- GIs in South Pacific
- American families





Children, birds and DDT

“I lost my son, two sisters and two nephews to malaria. Don’t talk to me about birds.

“And don’t tell me a little DDT in our bodies is worse than the risk of losing more children to this disease.”

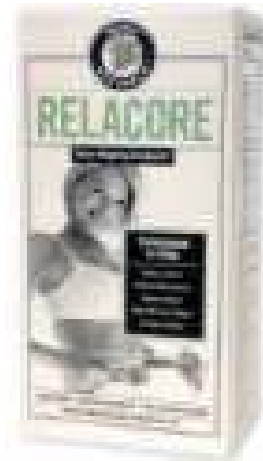


Fifi Kobusingye and Ugandan women making hand bags to raise money for bed nets and anti-malaria drugs



Balancing risks and benefits

- ⊕ Anemia
- ⊕ Fatigue
- ⊕ Nausea
- ⊕ Diarrhea
- ⊕ Infection risk
- ⊕ Fertility problems
- ⊕ Fetal defects
- ⊕ Hair loss





Concerned Activists Stopping KEmo Therapy (CASKET)

Reasons for opposition:

- ⊕ Adverse side effects
- ⊕ Unethical

Alternatives to chemo:

- ⊕ Tylenol
- ⊕ Fruits and veggies
- ⊕ hospice





Causes of anti-pesticide attitudes

- No risk of malaria
- Environment first
- Fear of chemicals
- Look only at risks
- Double standards
- Activist agendas rule



Glorify ultra-precaution over alleged risks from pesticides – at expense of millions of deaths from diseases that pesticides could prevent



“Compassion” for Third World

“Developing countries would be better off if some people should be sick with malaria and spread the job opportunities around. In fact, people in the third world would be much better off dead than alive, and riotously reproducing.”



USAID official Edwin Cohn, quoted by Robert S. Desowitz in his book, *The Malaria Capers*



Malaria control and over-population



“People are the cause of all the problems. We have too many of them, and banning DDT is as good a way to get rid of some of them as any.”

Charles Wurster

“To stabilize world populations, we must eliminate 350,000 people a day.”

Jacques Cousteau





New York Times *December 2002*

“The developed world has been unconscionably stingy in financing the fight against malaria or research into alternatives to DDT. Until one is found, wealthy nations should be helping poor countries with all available means – including DDT.”





Washington Times April 2004



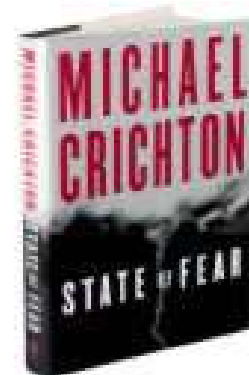
“Children are dying, while Westerners worry about fictitious environmental effects. Aid agencies need to drop their opposition to the use of DDT in Africa and encourage the countries now considering using it, to do so.”



Michael Crichton, PhD

September 2003

“Banning DDT is one of the most disgraceful episodes in the twentieth century history of America. We knew better, and we did it anyway, and we let people around the world die, and we didn’t give a damn.”





An overdue change in attitudes?

- “If alternatives to DDT aren’t working, you’ve got to use it.”
– Richard Liroff, WWF
- “If there’s nothing else and it’s going to save lives, we’re all for it.”
– Rick Hind, Greenpeace





There is no magic potion.

We need every available weapon.



Malaria:

- Carried by many species of mosquitoes
- Different land, climate and other conditions
- Constantly mutating parasites and mosquitoes

Weapons:

- Bed nets (ITNs)
- Larvaecides
- Sanitation strategies
- Homes with screens
- Malaria vaccine (10 to 20 years in future)
- DDT, other pesticides



Who decides?

❖ Anti-pesticide activists and bureaucrats in malaria-free nations?

❖ Health ministers in countries where malaria is epidemic?





LOOKS LIKE YOU GOT YOUR WISH.



[Signature]
2003



Families in developing countries must be allowed, encouraged and helped “to take their rightful places among the Earth’s prosperous people.”

Rabbi Daniel Lapin,
Toward Tradition



Sustained development – not sustainable development



Third World needs





Real environmental justice

“There is no more basic human right than to live....

“We all want to protect the environment. But we must stop trying to protect it from distant or imaginary threats.

“We must stop trying to protect it on the backs, and the graves, of the world’s most powerless and destitute people.”





Progress NOW – not in 50 years

DDT and other pesticides – along with other strategies – can save millions of lives



- Bed nets and drugs for 2 billion at-risk or 500 million malaria victims
- Vaccines are decades away
- Modern homes are decades away

2 million a year dead for another 20 years?



Reducing malaria – and saving lives – NOW

- ⊕ 80% reduction with pesticides
- ⊕ Right of poor countries to decide
- ⊕ Human rights
- ⊕ Science
- ⊕ Medicine
- ⊕ Humanitarian principles
- ⊕ The same standards we would demand for ourselves





Dear President Bush ...



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The White House
1600 Pennsylvania Ave, NW
Washington, DC 20500

Honorable George Allen
United States Senate
Washington, DC 20510

Honorable Andrew Natsios
U.S. Agency for International
Development
1300 Pennsylvania Ave, NW
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Honorable Tom Davis
U.S. House of Representatives
Washington, DC 20515



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