**To Spray or Not to Spray: A Debate over Malaria and DDT**

1. What is the primary purpose of the meeting at the United Nations?
2. How is malaria spread to individuals?
3. How many people are currently infected with malaria?
4. In the 1970’s how did the use of DDT impact malaria cases?
5. Why did South Africa feel they needed to ban the use of DDT?
6. Describe three reasons of how DDT can have a negative impact on the humans and the environment.
7. Has DDT been proven to be linked to human deaths?
8. Utilizing the precautionary principle what is the logical solution on using DDT in the environment?
9. What are the strengths, weaknesses, and implications of the precautionary principle as a method for deciding whether a technology should be used?
10. What unanticipated environmental problems could have been prevented if the precautionary principle were used?
11. What would the potential economic impact be on the poor nations affected with malaria?
12. What are the strengths, weaknesses, and implications of risk/benefit analysis as a method for deciding whether a technology should be employed?
13. Compare risk/benefit analysis to the precautionary principle. Which of these methods do you feel would generally lead to better decisions on questions involving potential applications of technologies in society? On what reasoning is your conclusion based?
14. At one point in the discussion, Ambassador Iogu comments, "Malaria is not a problem in most of the developing world, although that may be changing." This comment is not followed up in the case study. What changes could the ambassador be referring to? How can this comment be related to the West Nile virus problem troubling parts of the northeastern United States?
15. What does Patricia mean when she says “once the DDT genie is out of the bottle again we may find it impossible to control”?
16. How do you think that the question of using DDT for malaria control vs. banning its use worldwide will be resolved? Is your answer to this question the same as your view on how this matter *should* be resolved? Explain.
17. What do you believe is the right choice in this situation? Why do you think this course of action is best?
18. Take a class vote by polling 10 people on the following issue: Should we allow the spraying of DDT to control the spread of malaria in LEDC countries?

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| **Person** | **To spray or not to spray?**  Yes / No | **Primary Reason** |
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