ESSENTIALS FOR MOSQUITO MISTING

A. A mosquito misting system is an automated dispenser of either an insecticide or a repellant in a fine mist.

B. The most effective and reliable mosquito misting systems are permanently attached around the perimeter of the area to be protected from biting insects.

C. The automated misting dispersal of an ***insecticide*** does two things:

1) The mist will kill insects on contact when the misting cycle is activated as programmed into the timer; this is usually 3 times per day for 30 seconds each burst.
2) The automated misting will also interrupt the life cycle of the biting insects thereby providing an ever-decreasing mosquito population.

D. The automatic dispersal of a ***repellant:***

1) Can be activated on an as-needed basis.
2) Can be automated to spray: this is usually 20 to 30 times per day.
3) The effectiveness may be marginalized by breezes.
4) Can be expensive to operate because of the increased use of repellant solution.
5) Does not kill mosquitoes or interrupt the life cycle.

E. The basic components of a ***permanently attached*** misting system are:

1) A container for the mosquito solution.
a. Premixed in a barrel, or,
b. Concentrated to be automatically diluted at the time of each mist cycle.
c. A programmable digital timer that can be programmed with variables and options.
2) A pump that commonly operates at 200psi.
3) Tubing that is attached around the perimeter of the area to be protected.
4) Misting nozzles that are installed in the tubing spaced about 10-12 feet apart.
5) "Mist Risers" that are used in flower beds and in shrubbery; usually copper.

F. The basic components of a ***portable system*** are:

1) A free-standing unit that must be placed in the area to be protected.
2) A power source that is either 120V or battery powered.
3) A mechanism to atomize and dispense the solution.
4) These portable systems only dispense ***repellants*****.**
5) These portable systems provide temporary protection from mosquitoes.