

Mosquito misting Systems: Quo Vadis? – Joe Conlon

- a) Historically used on farms
- b) Typical consumer system
 - i) Pesticide drum
 - ii) Weather sensor
 - iii) Nozzle systems
 - iv) Automatic timer
 - v) Manual over-ride
- c) Issues
 - i) Drift
 - ii) Timing
 - iii) Improper installation
- d) Products used
 - i) Minimum risk 25b products
 - (1) Garlic
 - (2) Cedar oil
 - (3) other
 - ii) Pyrethroids
- e) What are the issues?
 - i) AMCA/Pest Management Concerns
 - (1) Public health protection claims
 - (2) Efficacy
 - (3) Incompatibility with IPM
 - (4) Installation
 - (5) Human exposure risk issues
 - (6) Lack of maintenance
 - (7) Non-target impacts
 - (8) Resistance issues
 - (a) Cause – probably not
 - (b) Contribute to – yes
 - (c) Sublethal dosing
 - (d) No monitoring
 - (e) No rotation of chemicals
 - (f) May kill natural predators
 - ii) EPA response
 - (1) Specific labeling – new label language
 - (2) Risk assessments
 - (3) Web page with info for consumers
 - iii) National Pest Management Association
 - (1) Stakeholder forum in 2005 and 2006
 - (2) Included AMCA
 - (3) Drafting Best Management Practices (BMP) for industry
 - (4) Setting up advertising guidelines
 - (5) Addressing efficacy issues
 - iv) AMCA Position Paper
 - (1) Available on www.mosquito.org

- (2) Biggest issue is unnecessary insecticide use
- v) Now what?
 - (1) AMCA may ameliorate position somewhat, but probably will never endorse them
 - (2) Lawsuits
 - (3) CWA issues
 - (4) Efficacy
 - (5) Surveillance