EPA Releases Proposed Labeling for Wide Area Mosquito Control Uses of Pyrethroids

This month, the Environmental Protection Agency (EPA) announced the availability of the document *Pyrethroids and Pyrethrins Ecological Risk Mitigation Proposal for 23 Chemicals*, which reveals proposed label language intended to minimize ecological risks for 23 chemicals. The Proposal and all supporting documents pertaining to pyrethroids/pyrethrins as a group are posted in a Special Docket for the Pyrethroids, Pyrethrins, and Synergists, [EPA-HQ-OPP-2008-0331](https://www.epa.gov/dockets). Public comments will be accepted through January 13, 2020.

The Content Sounds Familiar

Mosquito Control Operations are described in the docket much like you’d hear it from an AMCA leader. The Proposal recognizes the critical need for public health mosquito control, the small amount of pesticide used in ultra-low volume applications, and the importance of retaining the two classes of pesticides we have in our arsenal. This supports our approach that using clear and concise talking points in delivering your message helps to assure that your message will be received by your audience.

Cost-Benefit Analysis

After reviewing relevant studies and non-target impact reports, EPA had this to say about mosquito control, "Applications of pyrethroids for wide-area adult mosquito control are expected to result in potential risks of concern to aquatic invertebrates and fish. However, these mosquito control applications are made to control mosquito-borne diseases and have high benefits for public health. The Agency is proposing to make labels more consistent and clear for the wide-area mosquitocide products used, but risks of concern to invertebrates are expected to remain after the implementation of the label changes. However, the Agency believes that the importance of pyrethroids as a pest control option in wide-area mosquito control programs outweighs the remaining potential risks. *Pyrethroids and Pyrethrins Ecological Risk Mitigation Proposal for 23 Chemicals Final*, pg. 38.

Supporting Document

Rationale for EPA’s proposed labeling can be found here: [Preliminary Comparative Environmental Fate & Ecological Risk Assessment for the Registration Review of Eight Synthetic Pyrethroids and Pyrethrins Part IV. Assessing the Mosquito Adulticide Uses of Pyrethroids and Pyrethrins](https://www.epa.gov/dockets).

Chemicals Impacted by this Regulation*

Deltamethrin, D-phenothrin, Etofenprox, Permethrin, Prallethrin, Pyrethrins

*see docket for barrier spraying chemicals

[Click Here to View The Proposed Labeling to Mitigate Ecological Risks for Wide-Area Applications](https://www.epa.gov/dockets)