

New York State Department of Environmental Conservation

Division of Solid & Hazardous Materials

Bureau of Pesticides Management

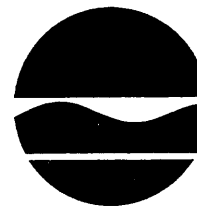
Pesticide Product Registration Section

625 Broadway, Albany, New York 12233-7257

Phone 518-402-8768 FAX 518-402-9024

Website: <http://www.dec.state.ny.us/website/dshmp/pesticide/pesticide.htm>

E-Mail: ppr@gw.dec.state.ny.us



Erin M. Crotty
Commissioner

MEMORANDUM

To: Active Ingredients Book

From: Paula McBath

Re: Registration Decision Tree for Bifenthrin and Deltamethrin Products

Date: September 7, 2001

Routine product applications which contain the active ingredients bifenthrin and deltamethrin, should have New York specific language on the label as described below:

Review of the deltamethrin and bifenthrin documents found in the active ingredients book, chemical file, and specific product files, would indicate that the products of concern that contain these ingredients are granular formulations used in applications on turf such as in golf courses, recreational areas, and commercial lawn management. If granules which contain either of these active ingredients, do not get watered into the soil but instead are washed into a nearby water body, the chemicals would be extremely toxic to fish and aquatic invertebrates, especially marine fish and invertebrates.

There are many homeowner products which have indoor/outdoor use patterns, are packaged in small quantity (less than 1 gallon), and are ready-to-use sprays for crack and crevice treatment and for outdoor surfaces such as screens, doors, ant trails, shrubbery, porches, etc. The package size and use pattern would limit these products from being misused. Therefore, these homeowner products do not need to have New York State required language, but should contain an Environmental Hazard Statement regarding toxicity to fish/ no application to water.

There are granular formulations (50 lbs. or less) containing bifenthrin that are being marketed for homeowner use. These labels must have "For Homeowner Use Only" or similar statement on the front panel of the product label. **These homeowner products also require NYS specific language.**

Granular **bifenthrin** lawn and turf commercial use products must have New York State specific language as listed below.

- "In New York State, this product may not be applied to turf within 100 feet of a coastal marsh." (or of a water body (lake, pond, river, stream, wetland or drainage ditch).

- “In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.”

Granular **deltamethrin** lawn and turf products, both homeowner and commercial use products must have New York State specific language as listed below.

- “In New York State, this product may not be applied to turf within 100 feet of a coastal marsh.”
- “For control of turf insects other than fleas and ticks in New York State, a second application may be made after two weeks if target insect activity persists.”