



John P. Cahill
Commissioner

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources
Bureau of Habitat, Room 576
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MEMORANDUM

May 5, 1998

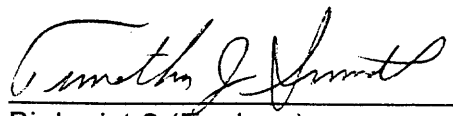
TO: Teresea Foster
FROM: Tim Sinnott
SUBJECT: Advance Granular Carpenter Ant Bait with the Active Ingredient
Abamectin

The Bureau of Habit does not need to review any additional data for registration of this product. I looked at the label, and the earlier BoH technical review of abamectin. Our concern regarding the initial registration of abamectin products was that the application rate of 0.024 lbs AI / acre caused an exceedance of the CF-1 mouse NOEL.

In the follow-on review, BoH agreed with the applicant to not use the CF-1 mouse data, because those mice were deficient in the protein p-glycoprotein. The use of other mammalian toxicity data showed that abamectin would not exceed the acute NOEL when applied at 0.024 lbs AI / acre.

Advance is applied at 0.011 lb AI / Acre, less than half the application rate of the other product reviewed. However, Advance is a granular product that might be easily consumed by birds or small mammals. That might be a concern, particularly because the Advance label allows the product to be broadcast applied. Most ant control products are applied directly to the nest areas. I imagine that broadcast applications of Advance over large turf areas would be relatively rare. Because of the reduction of the application rate, mammals that consume granules are not likely to be harmed.

Thanks for consulting with BoH about whether or not the product should be reviewed more closely.



Biologist 2 (Ecology)
Standards and Criteria Unit Leader

cc: J. Cooper