

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: August 11, 1978

SUBJECT: Aldicarb residues in ground water

FROM: Ecological Effects Reviewer

TO: Frank Sanders, Product Manager 12

THRU: James W. Akerman, Section Head, Ecological Effects Branch,  
Section 1

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Environmental Chemistry's review of Aldicarb deferred to Environmental Safety regarding the significance of residues in ground water and the significance of Temik in pond water. The Ecological Effects Branch is cognizant that Aldicarb will leach in sandy soils; the extent of this leaching cannot be determined from the EC review. Nor can the cited laboratory study be applied to field conditions. Obviously, if all or most of the material leaches, it will not be efficacious. This branch is currently awaiting the formulation of a general policy about leaching. Therefore, we do not want to take any action at this time, other than to enter this information into our files. Valid fish studies would also be required to assess any hazard from ground water residues or from Aldicarb in pond water. These studies have been requested. Additional comments will be made in the Ecological Effects review that validates these studies and makes a hazard assessment with respect to aquatic organisms.

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