

# Health, Disease, and Disease Prevention in Cultured Aquatic Animals

*Selected papers presented at a conference sponsored by Norden Laboratories<sup>1</sup>, Lincoln, Nebr., 9-10 June 1975*

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## Preface

Aquaculture in the northern hemisphere has been increasing at a rapid pace. This is evident from the increasing tonnage of fish produced, the culture of additional species, and the development of new techniques to culture aquatic animals. Worldwide, aquacultural production is now approaching 10 percent of the total fishery products harvested by all methods. Concomitantly in the United States, people in the aquaculture industry began to recognize that they were sharing the same problems as those people in intensive agriculture, and disease is a particularly important problem of common interest.

<sup>1</sup>Mention of trade names or commercial firms does not imply endorsement by the National Marine Fisheries Service, NOAA.

In 1975, Norden Laboratories of Lincoln, Neb., sponsored a unique and wide-ranging symposium. Its purpose was to share scientific and technical knowledge in controlling diseases of cultured aquatic animals. However, rather than bringing together a conclave of people solely interested in fisheries, Norden included veterinarians, chemists, and technologists involved in veterinary medicine, and government scientists and administrators concerned with the control of biologics, pharmaceuticals, and chemotherapeutic agents in agriculture. The papers which follow were among those presented at the symposium, and were selected for *Marine Fisheries Review* strictly on the basis of their application to aquaculture.

The editors are grateful to Pat Pike of Norden Laboratories for the time and

effort she spent after the symposium, in the initial phases of working with the authors of these papers to get them ready for publication.

Thanks are also due to the authors for their loyalty and patience while we gathered the fruits of their labor for publication in this journal. The work carried out by Carol Oswald and Steve Jensen of the graphics group of the NMFS Northwest and Alaska Fisheries Center, in clarifying some of the graphs and figures is gratefully acknowledged. The final reading of the papers by Lee W. Harrell was a big help. Lastly, recognition is given to Norden Laboratories for sponsoring and hosting the symposium.

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