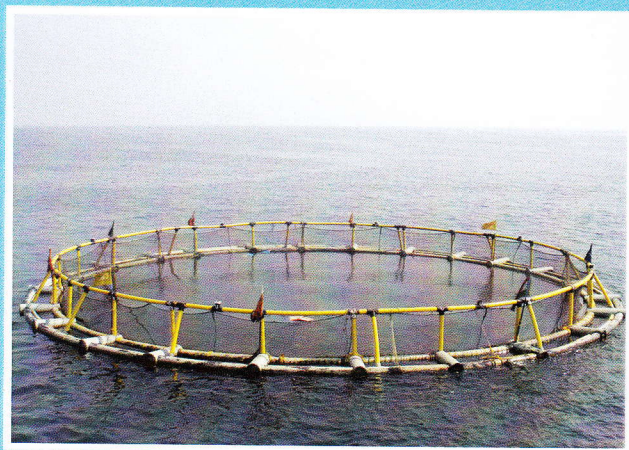


ICAR's Breakthrough in Fisheries



A device for breeding and culturing marine fish in open sea:
Open Sea Cage Farming in HDPE Cage



Indian Council of Agricultural Research, New Delhi

*Agri*search with a human touch

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Introduction

Open sea cage farming is a promising venture which offers the fishers a chance for optimally utilizing the existing water resources. The open sea cages are used for cultivating marine fishes, and may be used in domestic and export oriented marine sea farming in cages. The present invention describes a cage culture device for open sea fish farming in HDPE cages developed by Central Marine Fisheries Research Institute, Kochi.

Advantages

These interventions optimally maintain the size and quality of the marine fishes. The system is eco-friendly without any human intervention, and a higher survival of above 75% was achieved and sustained. The mariculture in open sea cage devised under the present invention will expand a new mariculture space, thereby the mariculture scale can be expanded greatly; simultaneously the self-pollution of mariculture can be solved.

Financial aspects :

Indicative Economics

Total investment = 8.61 lakhs

Rate of return = 33.80 %

Profitability % = 62.71 %

Market potential = 2000 crores / year

Services offered as a part of technology transfer : On-site demonstration of finfish and shellfish culture in open sea

Contact

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