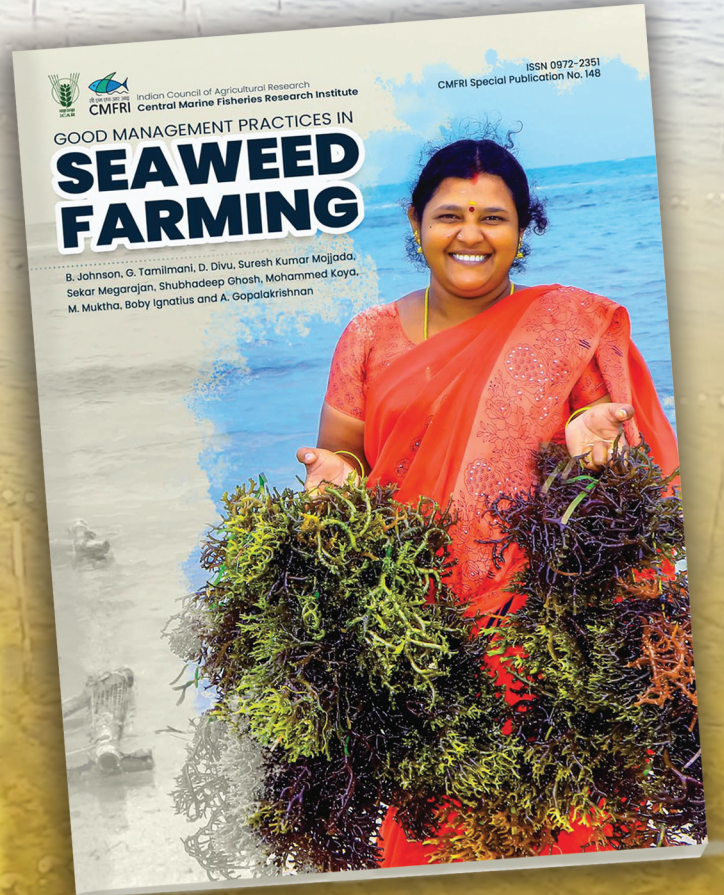




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# Good Management Practices in Seaweed Farming



Seaweeds are valued commercially for their cell wall polysaccharides such as agar, algin, carrageenan etc. and for bioactive metabolites, manure and fodder. They have a variety of commercial applications in food, pharmaceutical, cosmetics and mining industries. Some seaweeds are also gaining importance as healthy food for human consumption apart from their use as raw materials in extraction of bio-active compounds and marine chemicals. India has a seaweed production potential of 9.88 million t wet weight per year while the current production stands at merely 52,107 t wet weight per year. Seaweed farming has the potential to provide revenue up to Rs. 13.28 lakhs per year in dry weight basis. In other words, production cost excluding seed cost is Rs. 26.30 / kg; Farmgate price is Rs. 70 / kg; Net gain is Rs. 43.70 / kg.

Keeping in view the immense potential in seaweed farming in the country, ICAR-CMFRI has brought out this document, on good management practices to promote and support sustainable farming of seaweeds in India, while paving the way for economic security of the stakeholders, primarily women. Here we provide information and easy-to-use guide on:

- Species available in the country
- Culture methods for native seaweed species
- Potential areas for seaweed farming
- Farming techniques (Materials, methods, dos and dants)
- Farm management
- Post-harvest handling
- Economics of seaweed farming
- Integrated Multi-Trophic Aquaculture (IMTA)

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