



RESEARCH PAPER

International trade of marine products in India

Sayeed Saleem Ali, N.V. Shende **and** R. D. Vaidkar*
Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.) India
(Email: rajeshvaidkar@yahoo.com)

Abstract : The present study entitled International trade of marine products in India was under taken to estimate the growth rate and instability of marine products in India. The study also explores the competitiveness of Indian marine products. The study is based on secondary data collected from various government publication and websites like MPEDA, FAOSTAT, INDIASAT, DGCI and S, DOF, DOC. The data regarding marine products export quantity and value, import quantity and value, international price and domestic price of marine products in India was collected from 2000 to 2020. Which includes 20 years data. The period has been divided in to three periods *i.e.* period I (2000-01 to 2009-10), period II (2010-11 to 2019-20) and overall period (2000-01 to 2019-20). The data collecting from secondary sources was subjected to appropriate analytical techniques in order to arrive at meaningful conclusion. The different analytical techniques used in the study were growth rates, instability index, nominal protection coefficient (NPC) and factor affecting of marine products. (Cobb-Douglas demand function) in order to fulfil objectives of the study. The analysis of marine export displayed positive and significant compound growth rate for overall period for in the other hand export value also exhibited the significant growth at one per cent level of significant for the same period of study. These export value increase in different interval. Import quantity and value of marine in India for period I was negative whereas period II and overall period were positive and significant growth. The co-efficient of variation was import quantity and value was found highest in overall period and low in period I and II export quantity and value was found highest in overall period and low in period I and period II. In case of instability index marine products import quantity and value in stability found to be high in period III owin period I as an overall period the instability was found to be increasing in marine products. Export quantity and value found to be high in the period I low in the period II and overall period. The NPC value of marine products showed that, the value in period I was 0.81 and period II was 1.94 and for overall period it was 1.38 which indicates marine products is non-competitive in international market. For factor influencing export of marine products, Cobb-Douglas function exhibited high value of R^2 was noticed for export of marine products *i.e.* (0.88), which indicate the best fit for equation marine export was observed influence by one factors. *i.e.* export price. Significant at one per cent level.

Key Words : Fish, Shrimp, Cuttle fish, Marine product

View Point Article : Ali, Sayeed Saleem, Shende, N.V. and Vaidkar, R. D. (2022). International trade of marine products in India. *Internat. J. agric. Sci.*, 18 (1): 271-283, DOI:10.15740/HAS/IJAS/18.1/271-283. Copyright@ 2022: Hind Agri-Horticultural Society.

Article History : Received : 01.09.2021; Revised : 05.10.2021; Accepted : 28.10.2021