

OBSERVATION OF AQUATIC LIVE FEED FRESH WATER ROTIFERS IN VEINDHAN KULAM OF TIRUNELVELI DISTRICT

G. Paramasivan¹, R. Santha Kumari²

¹*EAST (Environmental Advisory for Sustainable Trust), Palayamkottai, India*

²*St. Xavier's College (Autonomous), Palayamkottai, India.*

ABSTRACT

Fish and fish products have presently emerged as the largest group in agricultural exports of India. With high growth rates, the different facets of marine fisheries, coastal aquaculture, inland fisheries, freshwater aquaculture, cold water fisheries to food, health, economy, exports, employment and tourism of the country. In order to enhance freshwater fisheries, the survival percentage of fry is concentrated in this work. Rotifers act as feed for newly hatched fish fry's. In Veindhan Kulam sample station 13 species of rotifers were observed. Of those 7 belong to *Brachionus*, 2 *Keratella*, 3 *Lecane* and 1 *Plationus patulus* were present. This work identified that the *Brachionus* species is more palatable to fish fry. It increased the survival percentage of fry compared with the formulated feed.

Keywords: Agricultural Exports, freshwater fisheries, survival percentage, fry, fresh water rotifers, palatable, Live feed.