

Method for producing flavoured live oysters and results from taste panel

Jenni B., Venkatesan V*, Kripa V., Mohamed K. S., Vidya R., Geetha Sasikumar, Alloycious P. S., Sajikumar K. K., Jestin Joy K. M. and Sheela P. P.

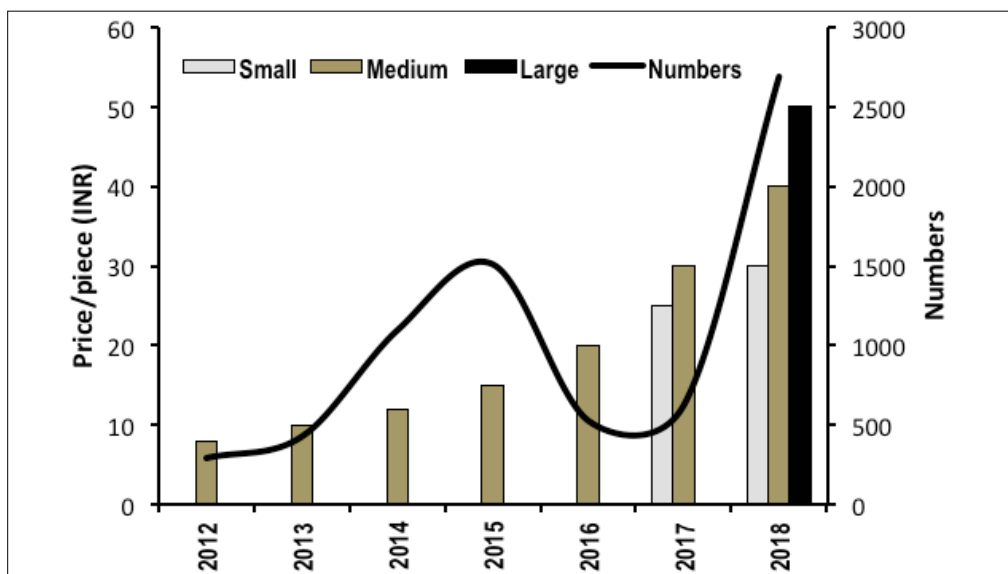
ICAR-CMFRI, Kochi - 682 018

*E-mail: venkatcmfri@yahoo.co.in

Value-added-products (VAPs) from the edible oysters *Crassostrea madrasensis* experienced tremendous growth and wide consumer acceptance in Ernakulam District. Oysters are considered the healthiest when eaten live. The live oyster value chain was developed in the city of Kochi on small scale and has great scope to expand to other metro cities. In this study, an attempt was made to develop live flavoured oysters having cardamom, orange and ginger flavour. A total of 5 trials were carried out. In each trial, oysters were subjected to 18 h depuration and depurated oysters were treated with different quantity and duration of flavoured concentrate in 5 l water. The following were the treatments: 1st experiment-1 ml flavoured concentrate (control / ginger / cardamom, 1h & 2h); 2nd experiment-1 ml flavoured concentrate (control / orange / cardamom, 3h); 3rd experiment-1.5

cardamom, 3h); 4th experiment-1.5 ml flavoured concentrate (control / orange / cardamom, 4h); 5th experiment-2 ml flavoured concentrate (control/orange/cardamom, 3h).

A preliminary study was carried out among the 10 panel members to know the preferences among the type of flavoured oyster based on 10 point grade. Results suggest distinct differences in behavior among the panelists. Most of the panelists' sensed orange flavor as lemon in 2nd experiment while ginger as salty in 1st. However, cardamom flavor was the most preferred among the flavoured oyster in almost all the trials. Further, detail experiments have to be carried out with more flavours in order to develop the most preferred flavoured oysters. The outcome of findings will be valuable for oyster growers and processors for getting more income



Live oyster trade in Kochi

ml flavoured concentrate (control/orange/ per unit.