



CRAB HATCHERY DEVELOPMENT

Background

The culture fisheries of Bangladesh is mainly based on fin fishes (mainly carps, few catfish and perch) and prawn/shrimp. Some other resources like mud crab, turtle etc. are also harvested from natural resources. Crab is an important fisheries item which command good demand in the markets especially in foreign markets. The mud crab species (*Scylla* sp.) is of high price too. Our country is highly suitable for crab culture and fattening as well. The growth potential and international market demand of crab sub-sector, NGF has been implementing Crab value chain development project under Promoting Agricultural Commercialization and Enterprises (PACE) Project since 2011. The project has jointly financed by PKSF and International Fund for Agricultural Development (IFAD).



The project goal is to enhance livelihoods (higher income from self-employment, business profit and wage employment, and food security) of the moderate and extreme poor (4 thousand men and women) in a sustainable manner. The development objectives of crab culture and fattening are to increase sales and incomes from existing and new microenterprises and to create new wage employment opportunities for extreme and moderate poor people in the coastal areas.



Justification of Crab Hatchery

In the recent year, capture and culture of mud crab from nature has been expanding due to the high economic value of the species and its export potentialities in the international market. In view of high value species, crab sub-sector is growing rapidly depending on the natural resources. So that the sub-sector is still vulnerable due to depending on nature for collecting crab let.



Fig: Produced crab let released to the nursery point

Technology Transfer from VietNam

Based on the earlier success of VietNam Crab Hatchery sector development, PKSF high officials has decided to exposure visit at VietNam to know about the technical knowhow of mud crab hatchery including searching a potential technical expert organization who will conduct a feasibility study of crab hatchery establishment in Bangladesh.





Accordingly, PKSF high officials and ED, NGF was visited VietNam on June 2016. During exposure visit, CECD-Viet Nam based a reputed organization hired by PKSF-NGF for conducting feasibility study.

Based on the study findings with scope and opportunities for crab hatchery development, NGF has conducted agreement with CECD for a new assignment of "Establishment of Crab Hatchery" at Munshiganj, Shyamnagar, Satkhira, Bangladesh with the close supervision of CECD including technical expertise and technology transfer until the crab hatchery has been successfully done.



Finally, Viet Nam Team and NGF Project Team has achieved a significant result on producing crab let by establishing NGF Crab Hatchery and this is 1st time achievement in Bangladesh. After successful production of Crab Let, Dr. Qazi Kholiquzzaman Ahmad, Chairmen, PKSF had visited NGF Crab Hatchery on 27th August'16 at Callbari Bazar, Burigoalini, Shyamnagar, Satkhira. After visit the crab hatchery, he has launched crab let production success which is 1st

time achievement in Bangladesh on hatchery crab let production. He thanked to NGF Team and VietNam Team for the success of crab let production. Md. Abdul Kaim, Managing Director, PKSF, Phum Thi Hong, Executive Director, CECD, VietNam and Md. Lutfor Rahman, Executive Director, NGF was present in the crab let release program.

