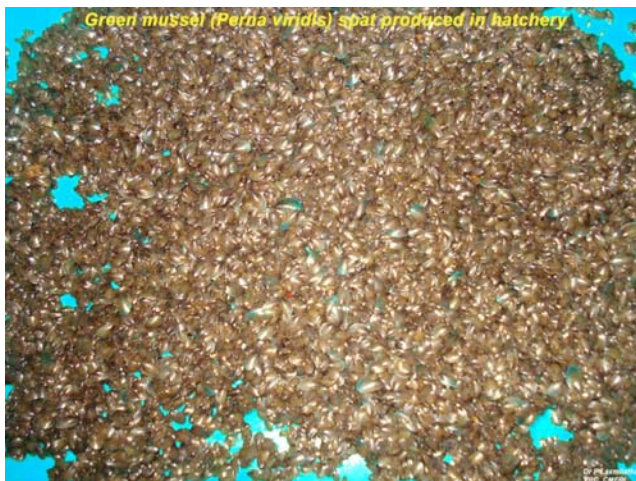
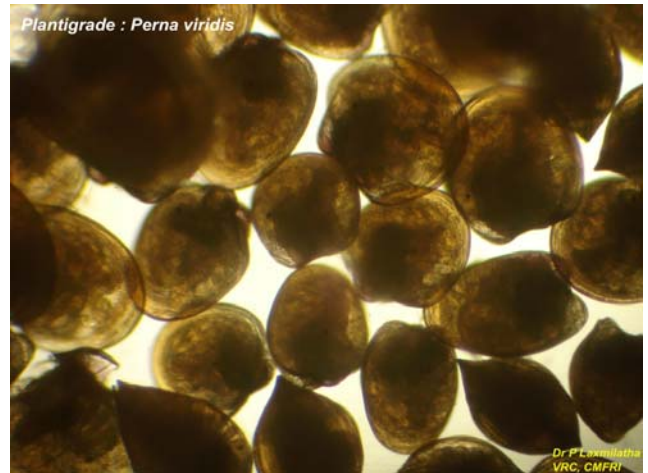


SUCCESS ACHIEVED IN MASS SCALE SPAT PRODUCTION OF GREEN MUSSEL (*PERNA VIRIDIS*) IN VISAKHAPATNAM HATCHERY

Green mussel (*Perna viridis*) has been spawned and larvae reared successfully to settlement of spat at the Visakhapatnam hatchery of the VRC of CMFRI, Visakhapatnam. Large scale spat production of green mussel in the hatchery has been achieved for **the first time in India**. Spat are being reared in the hatchery.



Spawning of the green mussel *P viridis* occurred on 08th December 2010. 6.5 lakh larvae were reared in the hatchery. The “D’ stage larvae were obtained within 20-24 h. Feeding was initiated with microalgae *Isochrysis galbana*. Umbo stage was reached on the 8th day. The eyespot stage was reached on the 16th day. Pediveliger stage was attained on the 19th day. Spat settlement began on the 21st day and continued up to the

30th day.

The spat are being fed with *Isochrysis galbana* and *Chaetoceros calcitrans*. Over 2.0 lakh spat have been successfully settled in the hatchery. The spat are being reared in the hatchery. The technology can be further refined and will be ready for transfer to end users in due course. Large scale spat production in the hatchery has thus been achieved in the Marine Hatchery of the Visakhapatnam Regional Centre. The spat are being reared in the hatchery. The spat will be transferred to sea for further growth after attaining seeding size of 25 mm.

