

TECHNICAL SHEET

Rapid growth of fish fry

Presentation of fry

According to the Larousse dictionary (2020), a fry is a young fish still living from the reserves of its yolk sac or at least not yet having acquired the forms of the adult. In other words, the fry is the offspring of a newborn fish, when it hatches from an egg for oviparous fish or when it is born after gestation for viviparous fish; it is the young of the fish, still carrying a reserve of food for its first days of life, the yolk sac. Fry are generally used to restock aquaculture ponds, rivers or to start fish farming. They are lightly coloured, almost transparent. They are divided into two subgroups: larvae (which follow the hatching and depend on their yolk sac to survive) and juveniles (which follow the larval state and precede the adult state. Larvae and juveniles are particularly vulnerable to the quality of their environment (e.g. gravel bottom, unclogged sand, quality and availability of food). For example, *T. nilotica* reproduction and rearing are currently carried out in farming systems and according to very variable levels of intensification, depending on the topographical, physico-chemical and socio-economic conditions of the region. The different techniques used so far are presented according to the environment in which they are developed (Adjanke, 2011).

Life cycle of fish

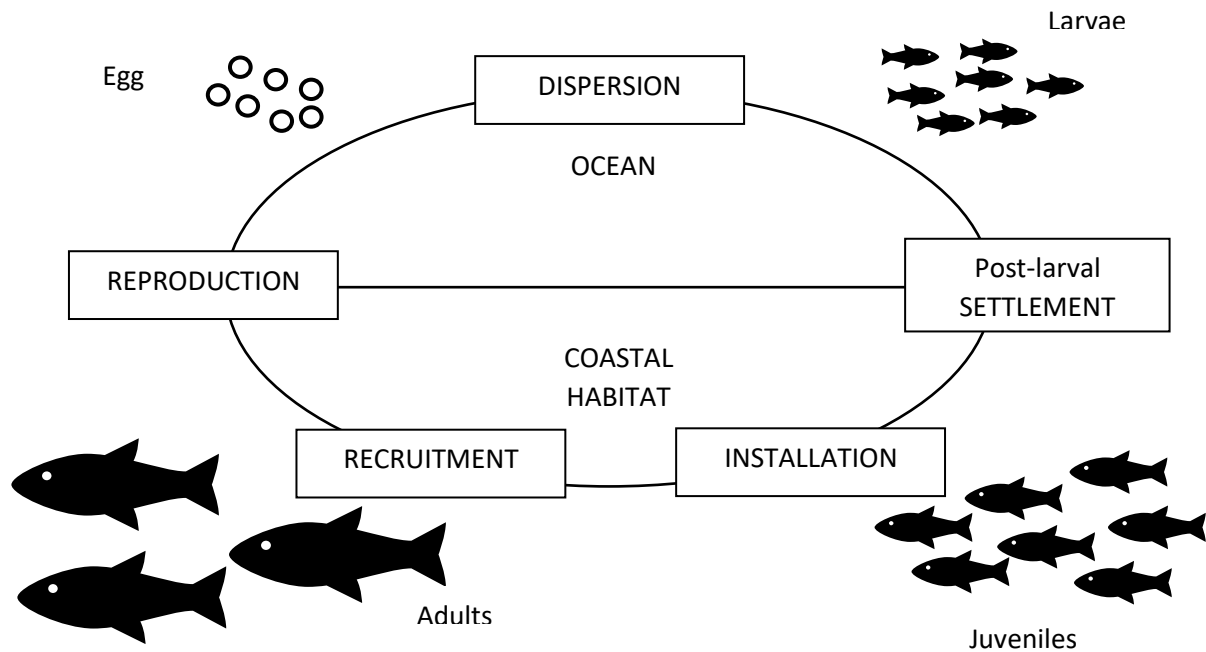


Figure 1: Life cycle of fish (source: Ponton and *al*, 2004)

Characteristics of the technology

- Rearing period = 4 months
- 20% increase in fish production

Références bibliographiques

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Other references

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