

FARMING OF PANGASIOUS FOR SUSTAINABLE AQUACULTURE

Müge Aliye Hekimođlu

Ege University, Izmir, Turkey
muge.aliye.hekimoglu@ege.edu.tr

Yusuf Güner

Ege University, Izmir, Turkey

Sırma Yavuz

Ege University, Izmir, Turkey

Gülçin Akcan

Ege University, Izmir, Turkey

Fatih Güleç

Ege University, Izmir, Turkey

Keywords:Pangasius spp., Pangasius catfish, Aquaculture, Sustainable Aquaculture.

ABSTRACT

Fisheries are the fastest growing food production system in the world. Global production has grown considerably in aquaculture and this disposition is being expected to increase. In this regard, a new way of species search has commenced in aquaculture. Aquaculture of Pangasius sp. has a significant place in this search among sustainable tropical species.

Among other cultured species pangasius is the 4th most commonly cultured species in the world after salmon, shrimps and tilapia. The tremendous potential of the pangasius sector directs the attention of world fisheries market. In turkey, there is not a recorded pangasius production data. There have been cultivated as a hobby for the aquarium fish.

In this study, information regarding general characteristics and production techniques of pangasius fish has been presented and samples from around the world have been addressed.

The purpose of this research when the state and contribution of the genus pangasius, which is accepted as fast growth, a significant food source for having high protein rate and being able to adapt to various food diets, are considered, pangasius aquaculture in an aqua environment suitable for its environmental demands is the contribution to the development of fisheries. Also, it might be targeted to provide energy conservation and decrease the costs of aquaculture by obtaining the necessary hot water supply from geothermal sources, which have high potentials and which are sustainable, renewable and cheap.