

Choosing between Freshwater and Saline water Production

Prices

Average growth rate of prices of freshwater products has been 24.07% from year 2005 till 2016 whereas for saline water products it has been 19.63%. Absolute price of freshwater products is also higher compared to saline water products. Hence in terms of prices freshwater products is the preferred option.

Geography

Top 5 states in terms of freshwater ponds are West Bengal, Karnataka, UP, Tamil Nadu and Bihar. There is high scope for performing freshwater fish farming in these states. Saline water fish farming is common in all coastal states of India.

Land Area

Only 16% freshwater area and only 10% saline water area available is currently being utilised hence in terms of land area production of both freshwater and saline water products can be increased by multiple folds.

Maintenance

More precautions have to be taken in terms of conditions such as temperature, pH of water in case of freshwater species which is one of the reasons why freshwater aquaculture in modern times is done in virtually controlled environment settings.

Environmental Impact

Both freshwater and marine water aquaculture can potentially cause water pollution as well as damage surrounding biodiversity hence aquaculture must be performed by taking environmental impact into account.