

Principles of pen Building in Gorgan Bay

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Abstract

Golestan province beaches have a high potential of pen culture due to low depths, Gentle slope and prone beaches. The first Experience refer to produce of wild common carp broodstock in Gorgan Bay. Location of the project in 4 km of Ashurade Island in the northeastern part of Gorgan bay and the shores of Miankaleh Island It is located a few hundred meters from the Khuzini channel with Latitude and longitude of N: $53^{\circ} 58' 41/38''$ and E= $36^{\circ} 53' 54/74''$. Due to the Proper conditions in this area In terms of water depth, Sandy bed with shellfish, Safe from sea waves, a desirable location for the implementation of this project was recognized and follow the principles in making pens. In this research to build of the pens used of Bojnoord Poplar tree in 10-15 cm diameter and 5.5 meter length. To make the body it used of net was made of the number 33 Capron's thread with net size of 16mm. To Strengthening of the net, it used of bitumen. To restrain nets it used of two lines nylon bags containing of Gravils.

Key Words: Pen Building, Poplar tree, Capron's net. Aquaculture