

Introduction of Amur carp for Profitable Pisciculture

Mr. Prasanta Kumar Das

Village: Ghigidia, Block/ Dist: Kendrapara, PIN: 754250

Mobile: 8917607167

Age: 54 years

Educational qualification: Matriculation

Resources owned by Farmer: 6 Ac land



Details of Enterprise: The different farming components are rice (3 acres), pisciculture (2 acres), vegetables (1 acre) and two numbers of cows. The pisciculture tanks were prepared by proper liming and fertilization before stocking of yearlings. Yearlings of Catla, Rohu and Amur carp was stocked at a ratio of 3:4:3 and @ 5000 nos/ha. Mrigal was completely replaced by Amur carp having higher growth rate. Floating fish feed was applied @ 2-1% of body weight twice daily. pH and alkalinity of pond water was tested in each month and accordingly liming and fertilizer application was done. The average weight of Amur carp was 1.1 kg during final harvest with a total production of 39.5 q/ha fish.

Economic Advantage: Increase in production of 8.5 q/ha over control was found. The net profit was 1,82,000 per year from pisciculture and Rs 94,000 from other components

Employment generation: 140 man-days/year

Contributing Factors for the success: Technical guidance from KVK such as scientific pond management practice and complete replacement of Mrigal with Amur carp, intercropping with Java Punti enriched his knowledge

Importance for other Farmers: He is the key trainer in pisciculture for other nearby farmers.

