

GENETICALLY IMPROVED (GI) CATLA FOR PROFITABLE PISCICULTURE

Mr. Biplab Kishor Swain

At: Ayeba, Block/ Dist: Kendrapara, PIN: 754212

Mobile: 8917505750



Details of Enterprise: The different farming components are rice (1.5 acres), pisciculture (3 acres), vegetables (0.5 acre) and one guava orchard. The pisciculture tanks were prepared by proper liming and fertilization before stocking of yearlings. Yearlings of GI Catla, Rohu, Mrigal and Amur carp were stocked at a ratio of 3:4:1.5:1.5 and @ 5000 nos/Ha. GI Catla was stocked instead of normal Catla. 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 GI Catla was 1.3 kg during final harvest with a total production of 42.6 q/ha fish.

Economic/Production Advantage: Increase in production of 9.5 q/ha over control was found. The net profit was 2,12,000 per year from pisciculture and Rs.1,03,000 from other components.

Employment generation: 158 man-days/year

Contributing Factors for the success: Technical guidance from KVK such as scientific pond management practice and replacement of normal Catla with GI Catla are major factors for increasing production.

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

