EFFECT OF STOCKING DENSITY ON GROWTH OF MAJOR CARPS-CATLA (CATLA CATLA), ROHU (LABEO ROHITA), AND MRIGAL (CIRRHINUS MRIGALA) IN AQUACULTURE POND.

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ABSTRACT

A study on major carps–Catla (Catla catla), Rohu (Labeo rohita) and Mrigal (Cirrhinus mrigala) was carried out for the effect of stocking density on their growth. The measurement of growth parameters such as - total length (cm), standard length (cm), body depth (cm) and body mass (gm) of the major carps –Catla catla, Labeo rohita, Cirrhinus mrigala was recorded. During the period under study, the growth rate of the above fishes under different stocking densities of fingerlings 2000/acre and 4000/acre was also recorded. In the period under study, one pond was equally divided longitudinally by a partition net (mesh net, hole size 1 mm) supported by the bamboo poles piled vertically all along the trench line into two halves- one for stocking density of fingerlings 2000/acre and other half for stocking density of fingerlings 4000/acre and was named as Normal Stocking Density Portion (NSDP) and More Stocking Density Portion (MSDP).

Key words- Catla catla, Labeo rohita, Cirrhinus mrigala, stocking density, growth rate.

REFERENCES