



## **FISH PRODUCTION AND COLLECTION IN MID LEFT STUDY SITE OF MORWAN DAM**

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### **Abstract;**

Morwan dam is very useful for fish production and fish collection for water purification, drinking water, well manage chemical composition, irrigation and balance quality of phytoplankton and zooplankton. Zooplankton occupy in important the niche and are the intermediate link energy transfer between phytoplankton and higher aquatis fauna Phytoplankton and zooplankton are very important role play in other animals specially fish product

**Key words:** Scientific Paper Research Paper. Manuscript writing

### **Introduction:**

Morwan dam is a very useful dam for fish production and irrigation in related to villages Location at Morwan dam near Morwan village in tahsil Jawad in Neemuch district of Madhya Pradesh in India Morwan dam construction on Gambhiri river, it originate from vanar kho pathar near of Sarsi village tahsil Nimbahera of Chittorgarh district of Rajasthan state. The Gambhir river water flow direction west to east and many small river canal join location off morwan dam site between 75:03 30 longitude and 2703 06 latitude morwan dam is completion 1959 years and first ingation 1960 years designed imigation 2671 hectares, catchment area at dam site 62 16 Sq.Km, blood maximum adopted 429.915 cubic meters catchment geology characteristics partly wooded -gross storage capacity 16.46 M.cum, dead storage capacity 0.70 M cum and live storage capacity 15.76 M. cum principal levels of Morwan dam FTL 503.53 Meters M.WL-504.59 Meters, T.B.L-506.57 Meters,L SL-491.79 Meters, lowest Nallabed 479.15 Meters Water spread of Morwan dam water spread area at F.T.L 321 Hectares, water spread area at M.WL 356 Hectares, Morwan dam related to data earth length of dam 990 Meters and Maximum height of dam from lowest riverbed level 27 42 Meters and top width of dam 4.87 Meters Morwan dam supply drinking water and irrigation water for local peoples and farmers. Morwan dam provide edible fishes for local market and peoples Phytoplankton. Fish production and collection in morwan dam during year 2016-17 specialisation major production Labeo rohita, Catla catla ,Cirrhinus mrigala and some other fishes. labeo rohita production number 1239 and weight 1495 kg, Catla catla production number 291 and weight 1421kg, Cirrhinus mrigala production number 1037 and weight 1095kg, other fishes production number 2735 and weight 5943 kg,gross fish production number 5302 and weight 9954 kg. Morwan dam study site special role play fish production in Morwan dam ,this Morwan study site fish production Labeo rohita number 286 percentage 23.08 and weight 376 kg, percentage 25.15, Catla catla number 92 percentage 31.61 and 396 kg percentage 27.86, Cirrhinus mrigala number 285 percentage 27.48 and weight 275 kg percentage 25.11 other fishes number 706 percentage 25.81 and weight 1521 kg percentage 25.59 gross fish production 1369 percentage 25.82.

### **Method**

Cash control study, Data collection, Hypothesis testing, structure interviews.

**Results:**

Morwan dam is very useful dam for especially fish production every year. Morwan dam water and nutrients, atmosphere, every chemical parameters good support for fish growth and fish production number. Main roll fish production of Morwan dam by study side .Morwan dam most production and collection in Morwan dam study site. Morwan dam study site is fish production data labeo rohita number 278 percentage 22.43 and weight 338 kg percentage 22.60 Catla catla number 86 percentage 29.55 and weight 412 kg. percentage 28.99 Cirrhinus mrigala number 307 percentage 29.60 and weight 267 kg. percentage 24.38 and other fishes number 694 percentage 25.37 and weight 1579 kg. Percentage 26.56 gross fish production 1365 percentage 25.74.

**Discussion;**

Morwan dam Mid Left study site is location in west site of Morwan dam, this site is 15m deep of Morwan dam and well production of fishes. Morwan dam mid left study site just near Zarmil Village flow slow water so water current and lightly tide available every time.

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