



DEPARTMENT OF FISHERIES HIMACHAL PRADESH

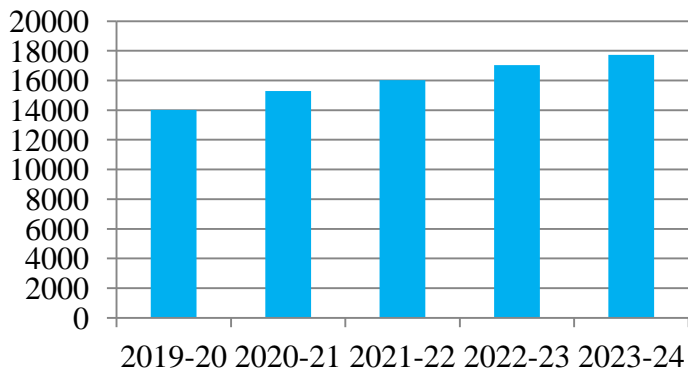


Achievements of Department of Fisheries Himachal Pradesh, From 01.01.2023 onwards

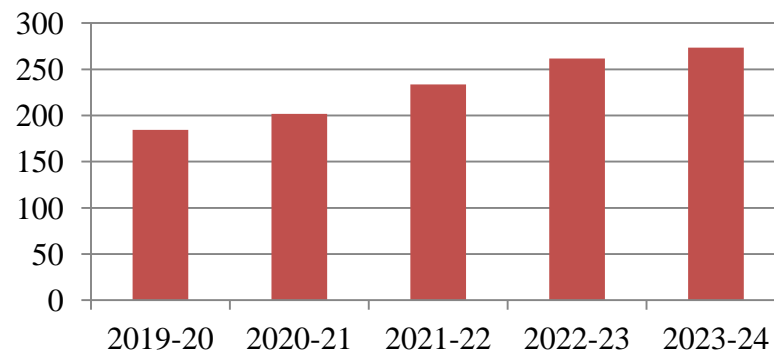
Total Fish Production and Value of Fish

Items	Year 2019-20	Year 2020-21	Year 2021-22	Year 2022-23	Year 2023-24
Total Fish Production (in MT)	14020.14	15288.60	16015.81	17025.97	17721.64
Total Value of Fish (in Crore)	184.44	201.61	233.55	261.56	273.4917

Production (In MT)



Fish Value (In Crores)



Establishment of Re-circulatory Aquaculture System (RAS) at Fish Farm Nalagarh, Distt. Solan, H.P.

➤ Successful culture of *Pangasianodon Hypophthalmus* in warm water RAS established at Carp Farm Nalagarh. (May 2023)



➤ Introduction of new fish species (*Piaractus brachipomus*) Pacu or Rupchanda in RAS on pilot basis. (May 2024)



Establishment of Coldwater Re-circulatory Aquaculture System (RAS) at Trout Fish Farm Patlikuhal, Distt. Kullu, H.P.

➤ Department has established a pilot unit of Coldwater Re-circulatory Aquaculture System (RAS) at Trout Fish Farm Patlikuhal with project cost of Rs. 1.28 Crore, to promote Rainbow trout farming at commercial level.

➤ This project has been recently commissioned in July 2024 and culture of rainbow trout has been started in culture tanks. 6000 No. rainbow trout fingerlings have been stocked in first phase.



Memorandum of Understanding (MoU) with ICAR-CIFA, Kausalyaganga, Bhuvneshwer, Odisha.

➤ Department has signed two MoUs on 7th June, 2024. The first one regarding registering Carp Fish Farm Nalagarh as a multiplier unit of CIFA. Now advance breeder seed of Rohu (Ahr Jayanti) & improved catla will be provided to fish farm Nalagarh. This seed will be reared to brood stock and advance seed produced will be supplied to the fish farmers of the State.



➤ The second MoU is regarding Carp Brood stock diet (CIFABROOD™). Now CIFA will provide the feed formula to Himachal Pradesh. This feed is made of routine feed ingredients, readily accepted by carp brooders, palatable and water stable.

Trainings/IEC Activities (1st April, 2023 onwards)

- Number of Trainings conducted for Departmental Staff = 47 No.
- Number of Staff members trained = 122 No.
- Exposure Visits Conducted = 4 No.
 - i. Team lead by Director Fisheries, H.P. visited CIFA Bhubaneswar w.e.f. 10th -15th March, 2024.
 - ii. Team lead by Director Fisheries, H.P. visited NFDB-Hyderabad w.e.f 15th -19th May, 2024.
 - iii. Team lead by Deputy Director of Fisheries, Patlikahal visited DCFR-Bhimtal w.e.f 27th February to 2nd March, 2024.
 - iv. Team lead by Assistant Director of Fisheries, H.P. visited CIFRI- Barrackpur, Kolkata w.e.f 10th -14th June, 2024.
 - v. Team lead by Director Fisheries, H.P. visited DCFR Bhimtal, Uttarakhand w.e.f. 8th -12th July, 2024.
- Trainings/ Chetna shivirs Conducted for Fish Farmers/ Fishermen = 24 No.
- No. of Farmers/ Fishermen imparted training = 1200 No.
- Workshops / Conferences conducted = 04 No.
 - i. Establishment of Carp Fish Brood bank in Himachal Pradesh. (07.02.2024)
 - ii. Importance of improved fish varieties and Carp Fish Brood Stock diet in Aquaculture. (07.06.2024)
 - iii. Purchasing on GeM. (29.04.2024)
 - iv. Conference on improvisation of seed stocking in State Reservoirs. (21.05.2024)

River Ranching Programme

Department has stocked 15.43 lakh advance fish fingerlings of native Carp fish species in 32 rivers/rivulets of the State to conserve the fisheries wealth of the Rivers under River Ranching programme during FY 2023-24. This programme has been conducted for the 1st time in the State.



Introduction of genetically improved fish Strain of Common Carp, the Amur Carp

➤ Department has recently (May 2024) introduced Amur Carp at Carp Fish Seed farm Nalagarh, Distt. Solan and Gagret, Distt. Una. This seed has been procured from National Freshwater Fish Brood Bank, Bhuvneshwer, Odisha.



➤ This seed will be reared to 'Brood Stock' and after breeding this 'Brood Stock' the breeder seed will be provided to the farmers of the State.



Captive breeding of Golden Mahseer at National Mahseer Fish Farm Machhial, Distt. Mandi, H.P.

➤ Department has succeeded in captive breeding of Golden Mahseer at Mahseer Farm Machhial, Distt. Mandi, H.P.

➤ This farm has been established in 2016. Initially fingerlings production up to year 2023 never exceeded 5000 No. fingerlings. But in the FY 2024-25 more than 40000 No. fingerlings of golden Mahseer have been produced which are being ranched in different rivers having Mahseer friendly environment.



Stock enhancement in State Reservoirs.

➤ To sustain the livelihood of reservoir fishermen, Department has stocked 149.221 lakh advance fingerlings (70 -100mm size) in five different reservoirs of the State. (From August to November 2024)

➤ During financial year 2023-24 financial assistance amounting to Rs. 120.375 Lakh has been provided to **2675 active** reservoir fishermen @Rs. 4500/- per fisherman as **“Close Season Assistance”**



RESERVOIRS FISH PRODUCTION

S. N.	Items	2022-23	2023-24
1	Total Reservoir Fish Production (In Tons)	549.35	566.03
2	Total Revenue earned from the Reservoirs (In Lakhs)	161.75	186.50

Reservoir Wise Fish Production (Qty in MT)

Year	Gobind Sagar	Kol Dam	Pong Dam	Chemera	Ranjeet Sagar	Total
2022-23	182.84	6.64	313.65	2.89	43.33	549.35
2023-24	191.22	6.73	329.59	3.02	35.47	566.03

National award in Trout Fish Farming to Sh. Tot Ram, Trout Farmer of Distt. Kullu, H.P

Sh. Tot Ram, Trout Fish Farmer from Distt. Kullu H.P. has been awarded with progressive Fish Farmer award by DCFR Bhimtal on National Fish Farmer's day on 10.07.2024. Only five progressive farmers through out the Country have been selected for this award.

At present this farmer is producing 15.0 M.T. Trout Fish and 4.5 Lakh trout ova annually.



Way Forward

➤ Establishment of two brood banks one in Carp sector at Carp Fish Farm Nalagarh, Distt. Solan and other in Trout sector at Trout Fish Farm Patlikuhal, Distt. Kullu. Total Project proposals of Rs. 10.00 Crores have been submitted to GoI.

➤ Establishment of Aqua park in Distt. Hamirpur, H.P. Total project proposal of Rs. 15.93 Crores has been submitted to GoI. The major components of this project are nursery ponds, rearing ponds, broods ponds, carp fish hatchery, Biofloc unit, RAS (Recirculatory Aquaculture System) unit, Aqua shop etc.

THANKS

