

CHAPTER 1

Introduction

Fish is an important food for human being. It contains proteins, vitamins and minerals which are essential in keeping a human being in good health. Fish farming provides best alternative for the diversification of agriculture.

Fisheries department is engaged in the promotion of pisciculture in the state by exploiting all natural water resources like reservoirs, villager ponds and tanks etc. and to increase fish production by adopting latest scientific method. Fish farming is being adopted as allied activity for the diversification of agriculture. Fish farming is done on agriculture land, low lying areas and in village ponds. As comparatively poor soil such as water logged, Kallar, alkaline which are under fit for agriculture can also be used for fish farming. Besides, a good source of income, it also generate self employment opportunities.

In order to encourage and promote fish culture in this state, Punjab Govt. has formulated many incentives programmed. Besides providing best extension services to fish farmers, it provides financial assistance in the form subsidy. It also helps the fish farmers in arranging liberal soft loans on easy terms to start fishery unit.

Department has earned a place in the country by achieving highest per hectare fish production of 8089 kg.

PUNJAB FISHERIES AT THE GLANCE

1. (a) Total area under Fish Culture : 10058.42 hectares
 (b) Total number of Ponds under fish culture : 7663
 (c) Total number of Panchayati Ponds : 5421
 (d) Area under Panchayati Ponds : 7379.02 hectares
 (e) Total number of Private Ponds : 2242
 (f) Area under Private Ponds. : 2679.40 hectares

2. Integrated Fish Farming units

S.No.	Item	No. of Units
1	No. of fish-cum-dairy farms	773
2	No. of fish-cum-piggery farms	22
3	No. of fish-cum-poultry farms	76
4	No. of fish-cum-horticulture farms	84

3. Number of fish farmers in the State : 7500

4. **Subsidy given to fish farmers :-**

Sr. No.	Item	Unit Cost per hectare (Rs)	Subsidy per hectare (Rs.)	
			General	SC/ST
1.	Construction of new pond.	3,00,000	60,000	75,000
2.	Renovation of existing pond.	75,000	15,000	18,750
3.	First year input (one time)	50,000	10,000	12,500
4.	Installation of aerator	50,000	12,500	12,500
5.	Integrated fish farming with poultry/ diary/ piggery etc.	80,000	16,000	20,000
6.	Setting up of fish seed hatchery.	12,00,000	1,20,000	1,20,000
7	Setting up of Fish Feed Unit	7,50,000	1,50,000	1,50,000

5. **General Information**

1.	Fish Pathological Laboratory	5 (Chandigarh.)
2.	No. of fisheries training centres	17
3.	Number of FFDA's	17
4.	Number of fish marketing complex	2 (one each in Patiala and Ludhiana)
5.	Number of Angling Spots.	6 (at Head Works Ropar, Nangal Lake (Nangal), Harike Head work (Amritsar), Kanjli (Kapurthala), head works Hussain wala (Ferozepur) and Ranjit Sagar dam (Gurdaspur)'
6	No of private fish seed hatcheries/ fish seed farms	14

6 **List of Govt. Fish Seeds Farms in the State :-**

Sr. No.	Name of Govt. Fish Seed Farm and District
1.	Fish Seed Farm, Rajasansi (Amritsar)
2.	Fish Seed Farm, Rai-ke-Kalan (Bhatinda)
3.	Fish Seed Farm, Faridkot (Faridkot)
4.	Fish Seed Farm, Malwal (Ferozepur)
5.	Fish Seed Farm, Hayat Nagar (Gurdaspur)
6.	Fish Seed Farm, Mohi (Ludhiana)
7.	Fish Seed Farm, Haryana (Hoshiarpur)

8.	Fish Seed Farm, Bir Dosanj Nabha (Patiala)
9.	Fish Seed Farm, Katli (Ropar)
10.	Fish Seed Farm, Sangrur (Sangrur)
11.	Fish Seed Farm, Benra (Sangrur)
12.	Fish Seed Farm, Bagrian-Phagan Majra (Fatehgarh Sahib)
13.	Fish Seed Farm, Dhandua (Nawan Shahar)
14.	Fish Seed Farm, Bir Shikargah (Kapurthala)
	TOTAL

7. Information regarding water bodies existing in the State.

(a) Information regarding reservoirs, dams and lakes		
Sr.No.	Name of Water body and District	Area
1.	Maili reservoir (Hoshiarpur)	72.00 hect.
2.	Mangrowal reservoir (Hoshiarpur)	67.44 hect.
3.	Chohal reservoir (Hoshiarpur)	61.00 hect.
4.	Dolbaha reservoir (Hoshiarpur)	326.11 hect
5.	Janaury reservoir (Hoshiarpur)	42.00 hect
6.	Saleran reservoir (Hoshiarpur)	20.00 hect.
7.	Perch Dam (Ropar)	87.00 hect.
8.	Nangal Lake (Ropar)	281.00 hect.
9.	Ranjit Sagar Dam (Gurdaspur)	3525 hect (Punjab Area) 5610 hect (Jammu Area) 490 hect (H.P.Area)
10.	Jainti Dam (Ropar)	261.70 hect.
11.	Siswan Dam (Ropar)	343.00 hect.
12.	Mirzapur Dam (Ropar)	315.00 hect.
13.	Kanjli Lake (Kapurthala)	2.5 km
14.	Patiarhi Dam (Hoshiarpur)	20.94 hect.
(b) Information regarding Rivers and Canals		
Sr. No	Name of River / Canal	Length
1.	Sutlej River	280 km
2.	Beas River	120 km
3.	Ravi River	40 km
4.	Ghaggar River	152 km
5.	Eastern Bein	170 km
6.	Western Bein	106 km
7.	Choes	960 km
8.	Back Waters	1200 hect.
9.	Channel and tributaries	1200 km

9 (a) Detail of Private Fish Seed Hatcheries/ Farms in the State of Punjab.

Sr.No.	Name and Address of Private Fish Seed Hatchery /Fish Seed Farm	Area (in hect.)
1.	Sh. Manjit Singh Sandhu, Village Chak Shere wala, Mukatsar.	4.0
2	Sh. Satnam Singh , Village Kahan Singh Wala, Ferozepur	4.0
3	Sh. Rajpreet Singh, Village Kahan Singh Wala, Ferozepur	3.0
4	Sh. Gurmeet Singh Village Kahan Singh Wala, Ferozepur	5.0
5	Sh. Baldev Singh, Village Kaliwae Wala, Ferozepur	5.00
6	Sh. Bhupinder Singh, Village Jandwala, Ferozepur	4.00
7	Sh. Jagseer Singh, Village Sappan Wali, Ferozepur	2.00
8	Sh. Gurmail Sing, Kular Khurd, Sangrur	1.60
9	Sh. Ranjodh Singh, Gurcharan Singh, Nanokee Fish Seed Farm and hatchery, Nanokee Patiala	4.00
10	Basu, Village Bakarpur, Block Dera Bassi, Rajpura, Patiala	2.5
11	Sh. Major Singh, S/O Sh. Kehar Singh, Village Balahad Vinjhu, Bathinda	1.00
12	Sh. Najendra Choudhary Village Miani Jhamela, Gurdaspur	4.00
13	Sh. Karminder Singh Village Chakrodhi, Ludhiana	3.00
14	G.P. Fish Seed Farm, Village Machaki Mal Singh, Faridkot	2.50

(b) List of existing Govt. Fish Seeds Farms in the State

Sr. No.	Name of Govt. Fish Seed Farm and District
1.	Fish Seed Farm, Rajasansi (Amritsar)
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	TOTAL