



Appendices

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APPENDIX I

A STUDY ON THE PROBLEMS AND PROSPECTS OF FISH FARMING IN MANIPUR

1. Name of the fish farmer: _____
2. Address _____

3. Age of the fish farmer: 20-30 30- 40 40-50 50-60
60-70 70-80
4. Sex: male female
5. Religion of fish farmer:
 - a. Hindu
 - b. Christian
 - c. Islam
 - d. Other
6. Caste:
 - a) ST
 - b) SC
 - c) OBC
 - d) General
7. Occupation:
 - a) Primary:
 - b) Secondary:
8. Type of ownership:
 - a) Own
 - b) Leased
 - c) Co-operative
 - d) Self help group
9. Educational qualification
 - a) Illiterate
 - b) upto primary
 - c) under matriculate
 - d) matriculate
 - e) higher secondary
 - f) graduate
 - g) post graduate



10. Nature of the family:
- a) nuclear
 - b) joint family
 - c) extended
11. Size of the family:
- a) adult: male _____ female _____
 - b) minor: male _____ female _____
12. Type of house you stay:
- a) pucca
 - b) semi pucca
 - c) kutcha
13. Sources of drinking water
- a) own tap
 - b) public tap
 - c) own pond
 - d) public pond
 - e) other
14. What is the source of lighting?
- a) Electricity
 - b) Kerosene
 - c) Both a & b
 - d) other
15. Consumption habit:
- a) Beedi
 - b) Cigarette
 - c) Liquor
 - d) Khaini
 - e) Other
 - f) None of the above
16. Do you able to manage your family with your income?
- Yes No
17. Land area (in hectare) under fish farming:
- a) 0-1
 - b) 1-2
 - c) 2-3
 - d) More than three hectare
18. For how long have you been in fish farming?
- a) Less than ten years
 - b) 10-20 years
 - c) 20-30 years
 - d) More than 30 years



19. What is the purpose of fish farming?
- a) For production of fish seed
 - b) For production of table fish
 - c) For production of by-product of fishing industry

20. Which kind of fish do you cultured?

- a) Major carps
- b) Minor carps
- c) Exotic carps

21. Did you attend any training programme?

Yes No

If yes, how many times have you attended the training programme?

22. Rank the following factors which influence you to take up fish farming as an occupation.

Factors	Rank
a) Hereditary	
b) Lack of employment	
c) Due to interest	
d) Profitable	

23. Whether huge investment is needed in taking up fish farming?

Yes No

24. Do you consider finance as a constraint in taking up fish farming?

Yes No

25. Whether the farm has obtained financial assistance from any departmental agencies?

Yes No

If yes, name the agencies where from the assistance is obtained?

- a) Commercial Bank
- b) NABARD
- c) FFDA
- d) Other (please specify)



26. Whether interest rate is high?

Yes No

27. Do you maintain proper book of account?

Yes No

28. Duration for getting loan.

- a) 1-3 months
- b) 4-6 months
- c) 7-9 months
- d) 10-12 months

29. To whom do you sell the fish?

- a) Wholesaler
- b) Retailer
- c) Consumer

30. Where do you sell the fish?

- a) At farm gate
- b) At market

31. The following are certain marketing problems.

Please tick (√) where you think appropriate

Degree of problem **High Moderate Low**

- a) Transportation problem
- b) Competition from other states
- c) Price variation
- d) Lack of order
- e) Lack of finance
- f) High cost of input
- g) Storage problems
- h) Lack of refrigerated vehicle to carry fish

32. The following are certain infrastructural problems.

Please tick (√) where you think appropriate.

Degree of problem you faced **High Moderate Low**

- a) Inadequate availability of fish seeds
- b) High price of fish seeds
- c) High fingerlings mortality
- d) Maintenance of pond
- e) Problems of netting



- f) Problems of catching
- g) Lack of technical knowledge
- h) Lack of training and supervision
- i) Problem of stealing
- j) Small size of fish at harvest

33. Are you satisfied with the government policies regarding fish farming?

Strongly dissatisfied	dissatisfied	neutral	satisfied	Strongly satisfied
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34. Are you satisfied with bank services?

Strongly dissatisfied	dissatisfied	neutral	satisfied	Strongly satisfied
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35. Are you satisfied with the training programme conducted for fish farmer in the state?

Strongly dissatisfied	dissatisfied	neutral	satisfied	Strongly satisfied
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36. Are you satisfied with the price of fish you sold?

Strongly dissatisfied	dissatisfied	neutral	satisfied	Strongly satisfied
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37. Do you agree that price variation between imported fish and local fish is of great threat to your farm?

Strongly disagree	disagree	neutral	Agree	Strongly agree
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38. Production cycle (numbers of month in a year)

39. Fixed cost (land, construction of pond, etc)



40. Input cost:

- a) Seed cost
- b) Feed cost
- c) Medicine
- d) Net
- e) Others(please specify)

41. Labour cost:

<u>family</u>		<u>hired</u>	
<u>Number</u>	<u>Rate</u>	<u>Number</u>	<u>Rate</u>

- a) Application of inputs
- b) Netting charge
- c) Cleaning of pond
- d) Watch and ward
- e) Harvesting
- f) Others(please specify)

42. Quantity of fish at harvest:

43. Selling price per kg:

whole seller

retailer

44. Annual Income:

45. Saving per annum

46. Any other problems and suggestions.
