APPENDICES
APPENDIX I
QUESTIONNAIRE

PRIVATE SECTOR DAIRYING IN KERALA: A SOCIO-ECONOMIC
ANALYSIS WITH SPECIAL REFERENCE TO ERNAKULAM DISTRICT

I  GENERAL
1. Name:

2. Address:

3. Number of members in family:
   A. Less than 4       B. 4
   C. 5                 D. More than 5  

4. Land owned by the family:
   A. Less than half acre
   B. Between half and one acre
   C. Between one and two acres
   D. More than two acres  

5. Monthly income:
   A. Less than Rs. 1000.
   B. Between Rs. 1000 and Rs. 2000
   C. Between Rs.2000 and Rs.4000
   D. Above Rs. 4000  

II  DAIRY FARMING
6. Number of milch animals:
   A. 1
   B. 1
   C. 3
   D. More than 3  

7. Number of non-milch animals:
   A. 0
   B. 1
   C. 2
   D. More than 2  

8. Number of family members involved in the dairy activity
   A. 1
   B. 2
   C. 3
   D. More than 3  

9. Number of employees appointed for dairying activity.
   A. 0  B. 1  
   C. 2  D. More than 2 [    ]

10. Quantity of milk yield per day.
    A. Less than 4 litres  B. Between 4 and 7 litres
    C. Between 7 and 10 litres  D. Above 10 liters [    ]

11. Quantity of milk sold per day.
    A. Less than 3 litres  B. Between 3 and 5 liters
    C. Between 5 and 10 litres  D. Above 10 litres [    ]

12. Do you sell milk to others apart from the dairy unit: Yes / No. If yes,
    A. Houses  B. Hotels and tea shops
    C. Middlemen  D. Others (specify)

13. Did you attend any training programme in rearing milch animals?
    Yes / No. If yes, how do you evaluate the programme?
    A. Good  B. Useful
    C. Average  D. Below Average.

14. Type of cattle feed used:
    A. Green fodder  B. Dry fodder
    C. Concentrates  D. Vitamins
    E. Others (specify)

15. Amount spent for cattle feed per week.
    A. Less than Rs. 100  B. Between Rs. 100 and Rs. 250.
    C. Between Rs.250 and Rs.500  D. Above Rs. 500 [    ]

16. Use of cow dung produced.
    A. All quantity sold for getting income
    B. All quantity used for farming
    C. A portion sold and another portion used for farming
    D. Used for gobar gas plant for cooking
    E. Other use (specify)

17. If the cow dung is sold, how much income you get per month?
    A. Below Rs. 300  B. Between Rs. 300 and Rs. 500
    C. Between Rs.500 and Rs.1000  D. Above Rs. 1000.

18. How do you cook in your home?
    A. By using wood  B. By kerosene stove
    C. By cooking gas  D. By gobar gas plant

19. Do you have gobar gas plant in home? Yes / No. If yes, is it helpful to reduce expenses in cooking?
    A. To a great extent  B. To some extent
    C. To a little extent  D. Not at all
20. Is gobar gas system helpful to avoid fumes in your home and thereby to improve the health status of family members?
   A. To a great extent  B. To some extent
   C. To a little extent  D. Not at all

21. Any saving in hospital expenses after the installation of gober gas plant?
   Yes / No. If yes, specify the annual saving.
   A. Below Rs. 300  B. Between Rs. 300 and Rs 500
   C. Between Rs.500 and Rs.1000  D. Above Rs. 1000

22. Do you insure the bovines? Yes/ No. If Yes, are the terms and conditioned worth and viable?
   A. Good and Recommending  B. Poor
   C. Average  D. Not beneficial

23. The reason for involving dairy farming?
   A. To supplement family income  B. Due to unemployment
   C. By the attractive scheme of dairy unit  D. It is the main occupation.

III QUESTIONS ON DIFFERENT DAIRY UNITS

24. Name of your dairy unit:
   A. PDDP  B. NVDCS
   C. Jeeva  D. Milgram

25. Any loan amount received through the mediation of dairy unit? Yes / No. If yes, specify the amount
   A. Less than Rs. 5000
   B. Between Rs. 5000 and Rs. 10,000
   C. Between Rs. 10,000 and Rs. 15,000
   D. Above Rs. 15,000

26. Any subsidy received from the dairy units? Yes / No. If yes, how much?
   A. Less than 10% of the amount
   B. Between 10% and 15%
   C. Between 15% and 20%
   D. Above 20%

27. Rate of interest of the loan?
   A. Below 7%  B. Between 7% and 9%
   C. Between 9% and 12%  D. Above 12%
28. Mode of expenses involved in getting a loan.
   A. Some of working days lost.
   B. Money spent for submitting documents
   C. Expenses for journey and food
   D. Money spent for bribery and others.

29. When did you take a loan?
   A. One year back
   B. Two years back
   C. Three years back
   D. More than three years

30. How do you repay the loan?
   A. Directly paying the loan amount on an installment basis
   B. Through selling milk to the dairy unit
   C. By selling milk and directly paying the amount on an installment basis.
   D. Other means [specify]

31. The present position of the repayment of the loan.
   A. Repayment Completed
   B. Regularly paying the installment
   C. Irregular in making the payment
   D. No amount re-paid

32. Any increases in annual income after your association with the dairy unit?
   Yes / No. If yes, how much?
   A. Less than Rs. 1000
   B. Between Rs. 1000 and Rs. 3000
   C. Between Rs. 3000 and Rs. 5000
   D. Above Rs. 5000

33. Is there any employment avenues opened to your family due to the emergence of dairy unit? Yes / No. If yes, how many got jobs?
   A. 1
   B. 2
   C. 3
   D. More than 3

34. Has your financial position improved after your association with dairy unit?
   Yes / No. If yes, point out the nature of improvement?
   A. Increase occurred in consumption
   B. Purchase of new assets
   C. Increase in savings
   D. Others (Specify)

35. Any financial assets you have after your association with dairy unit?
   A. Bank deposits
   B. Loans given to others
   C. Purchase of shares
   D. Others (specify)
36. Do you possess any consumer durables due to your association with dairy unit?
Point out from the following?
Radio                 Tape Recorder
Television            Fan
DVD                   Mixy
CD player             Pressure Cooker
Refrigerator          Camera
Washing Machine       Phone
Other [specify]        VCR

37. Is animal health care facility available at your doorstep? Yes/ No. If yes, how much annual expense for that?
A. Less than Rs. 300
B. Between Rs. 300 and Rs. 500
C. Between Rs.500 and Rs.1000
D. Above Rs. 1000

38. In your farming what type of manure you use?
A. Cow dung
B. Chemical Fertilizer
C. Both cow dung and chemical fertilizer
D. Others [Specify]

39. Does your dairy work support your farming?
A. Very much
B. To some extent
C. To a marginal extent
D. Not at all

40. How much income you earn annually by sale of calf?
A. Less than Rs. 1000
B. Between Rs. 1000 and Rs.2000
C. Between Rs.2000 and Rs.5000
D. Above Rs.5000

41. Do you consume milk? Yes/No. If yes, does the consumption of milk help to improve your family’s health status?
A. To a great extent
B. To some extent
C. To a small extent
D. Marginally

42. How do you evaluate your dairy activity today?
A. There is scarcity of cattle feed
B. The cost of cattle feed is not affordable
C. Shortage in basic facilities like cow shed
D. Non availability of doctors

43. Point out the key problem you encounter in marketing the milk
A. Low price
B. Lack of preservation facilities
C. Difficulty of transporting the milk to the collection centres
D. Others (specify)
44. How do you see the role played by the dairy unit in increasing the milk production?
   A. An important role   B. Medium Role
   C. Very little role    D. No role at all
45. What is the major financial problem you encounter in the functioning of the dairy unit?
   A. Loan amount was not sufficient
   B. Rate of interest is high
   C. There was delay in the disbursement of loan amount
   D. Others (specify)
46. Any of the following socio-cultural development indicators occurred in your family after your association with dairy units?
   A. Sent children to English Medium School
   B. Subscription of newspapers
   C. Involvement in leadership (some position in dairy sangham, some position in gramasabha etc.)
   D. Others (specify)
47. Give your comments on the functioning of the dairy unit.

48. Give your suggestions to make the dairy project more efficient?
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48. Give your suggestions to make the dairy project more efficient?
APPENDIX II

LIST OF FOUR DAIRY UNITS IN ERNAKULAM DT.

1. People Dairy Development Project Central Society, Marottichuvadu, Kalady - 683 574
2. Nirmalgram Vanitha Dairy Central Society, Unjappara, Kothamangalam - 686 691
3. Jeevodaya Milk Project, Pareekkanny, Kothamangalam - 686 693
4. Milgram Dairy Development Project, Pazhanganad, Kizhakkambalam - 683 562