

Appendices

Questionnaire

1. Name of the Village :
2. Name of the G.P., Block and District :
3. Household's Name :
4. Caste (SC/ ST/ Others) :
5. Religion :
6. Educational Level :
7. Occupation : Agriculture / Artisan / Trade / Wage Labour

For Agriculturists

8. Status (landlord /tenant /share cropper /daily labour)
9. Land-holding (bighas) Total Irrigated Non-irrigated
 - Self owned:
 - Leased in (tenanted):
 - Leased in (share cropping):
 - Leased out:
10. Land Leased in (Bighas) Kharif Season Rabi / Boro Season
 - Share cropping
 - Fixed produce contract
 - Fixed cash contract
11. Size of : a) Ownership holding bighas
 - b) Operational holding bighas
12. Land utilisation (bighas): Cultivation -----
 - Home stead -----
 - Plantation -----
 - Fallows -----

13. Reason for fallows i. ii. iii.

14. Cropping changes

Cropping (5 years ago)			Cropping (present)		
Crop type	Sown area	Prodn./bigha	Crop type	Sown area	Prodn./bigha

15. Cropping Sequence : Season Crop(s) Sown

Pre-kharif

Kharif

Rabi

Boro

16. If share cropper, status a) whether recorded or unrecorded

b) If unrecorded, specify reason

17. Share of Crop / Share of Input

	Traditional crop	Traditional cum Rabi/Boro	Rabi/Boro
Recorded			
Unrecorded			

18. Irrigation by Sources (bighas)

Shallow	bighas
River Lift	bighas
Pond	bighas

19. Agricultural Implements: Ownership Use

- a) Tractor:
- b) Power-tiller:
- c) Sprayer:
- d) Thresher:
- e) Harvester:
- f) Wheel - hoe:

- g) Pumpset:
- h) Others (specify)

20. Fertiliser use (kg. per acre):

21. Pesticides : Whether use or not:

22. Indebtedness :

	Loan outstanding			Loan Repaid		
	Amount	Period	Rate of Interest	Amount	Period	Rate of Interest

a) Cash Loan-

b) Loan in Kind-

23. Loan Sources Amount Rate of Interest

- a) Relative / Friend
- b) Trader / Money lender
- c) Bank / co-operative

24. Purpose(s) of Production Loans Amount Source

- Seed / Fertiliser
- Implements purchase
- Livestock purchase
- Land purchase
- Trading capital
- Repayment of past loan

25. Whether Loan Received under IRDP : Yes / No

26. Whether Mini-kit Received: Yes / No

**Appendix Table A1: Some Indicators of Expansion of Modern Farm Inputs
and
Technology in West Bengal.**

Item (1)	1980-81 (2)	1990-91 (3)	1995-96 (4)
Percentage of net irrigated area to net sown area	28.42	34.83 *	34.99
Percentage of gross irrigated area to gross sown area	20.98	28.75	27.76
Canal irrigated area of gross Cropped area	12.94	13.67	13.10
Area covered under HYV (percentage)			
Aus paddy	35.75	66.25	97.00
Aman paddy	22.91	45.43	63.00
Boro paddy	100.00	100.00	100.00
Total paddy	29.60	56.00	73.13
Wheat	100.00	100.00	100.00
Fertiliser Consumption per hectare of gross cropped area (in Kgs.)	38.51	87.91	94.52
Energisation of Pump-Sets/tws (cumulative) ('000)	28.80	89.20	101.20
Disel Pump-Set (cum) ('000)	88.50 **	190.40 ++	-
Number of Tractor per thousand hectare of gross cropped area	0.26	0.75	-
Percentages of Villages electrified	37.51	72.54	76.81
Percentages of advance to deposits of commercial banks in rural areas	30.53 +	41.70	35.90

Sources: CMIE, September 1999.

Economic Review, various years.

Statistical Abstract, various years.

Notes: * relates to 1991-92, + relates to 1982

** 1979-80, ++ 1987-88.

**Appendix Table A2: Intensity of Use of Improved Farm Inputs and
Technology in Study-Villages.**

Item	Unit	
Farmers cultivating HYV Aman paddy	percent of total farming households	100.0
Area under HYV Aman paddy	per cent of total cropped area	98.8
Aus paddy		100.0
Boro paddy		100.0
Wheat		100.0
Total		96.1
Area under Boro/Rabi crops Boro Paddy	per cent of net sown area	87.6 19.1
Wheat	per cent of area under boro/rabi crops	11.3
Mustard		7.1
Potato		41.8
Irrigated area Area irrigated	per cent of cultivable area	86.8
By shallow tube-wells	per cent of net sown area	52.0
By river lift		31.3
By pond		3.6
Pump-set	number	88
Tractor/power-tiller	number	6
Fertilizer use (Average)		
HYV kharif	Kg. Per acre	62
HYV boro		98
Potato		182
Farmers using fertilizer	percent to	100.0
Farmers using irrigation	total farmers	97.0
Farmer using Tractor / Power-tiller		92.1

Note: 1. cultivable area means net sown area plus current fallow.
2. Aman paddy is the main crop in Study- Villages during kharif season