

QUESTIONNAIRE

Research topic : “IMPACT OF ELECTRIFICATION ON

AGRICULTURAL DEVELOPMENT : A CASE

STUDY OF KHATAV TALUKA, DIST SATARA.”

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Q.1 Name of family leader : Shri / Smt.

1) Place :

2) Age:

3) Caste:

4) Literate / Illiterate :

5) Cultivated area :

6) Nominees name and age:

Q. 2 Classification of crops and irrigation area in the year 1995 -1999

S. No	Name of crops	Irrigated Area (Acre)		Non irrigated (Acre)	
		1995	1999	1995	1999
1	Foodgrains				
	Jawar				
	Bajara				
	Ragi				
	Wheat				
	Other				
	Total foodgrains				

2	Pulses				
	Tur				
	Gram				
	Soyabin				
	Pea gram				
	Total pulses				
3	Commercial crops				
	Potato				
	Onion				
	Groundnut				
	Chilly				
	Sugarcane				
	Cotton				
	Others				
	Total Comm. crop				
	Total 1 + 2 + 3 =.				

Q. 3. Net area under irrigation (Acre)

S. No.	Year	Net area under irrigation (acres)					
		Wells	Canals	Tanks	Dam	River	Small Ponds
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1	1995						
2	1999						

Q. 4. Use of electric owner in agriculture sector

Year:

Electric pumps (HP):

Prices:

Q. 5 Number of electric pumps (H.P.)

S.	Nature	1995 (No.)				1999 (No.)			
		3HP	5HP	7 HP	10 HP	3HP	5HP	7 HP	10 HP
1	Wells								
2	River								
3	Tanks								
4	Small ponds								
5	Other.								

Q. 6 Use of increased income due to electrification (Yes/ No)

If yes :

- 1) Purchasing of land
- 2) Construction of house
- 3) Land improvement
- 4) Purchasing of agri. equipments.
- 5) Repayment of loans.
- 6) Purchase of TV, Fan, Iron, Refrigerator etc.

7) Social & cultural activities

8) Deposits in the bank

9) Others

Q. 7 Use of electricity is profitable in the agricultural production

(Yes/ No)

If yes,

(a) Reduce the rate of water supply

(b) Speedy water supply

(c) Utilization of labour in other jobs

(d) Optimum use of water

(e) Low rate of electric supply

(f) Change in the standard of the living

Q. 8. Why the use of electricity is profitable in the agriculture?

(a) Electric use for agriculture

(b) Seasons in agriculture

(c) For poultry

(d) Shed for animal

(e) Technological information

(f) Informal education

- (g) Optimum use of water
- (h) Rest to farmers
- (I) Technical problems of farmers
- (j) Change in standard of living.

Q.9 What are the demerits of use of electricity in agriculture?

- (a) Risk and accidents
- (b) Wealth of loss
- (c) Increasing dependency of electric supply
- (d) Damage of electric pumps due to natural crises
- (e) Burning of electric pumps
- (f) Other reporting.

Q. 10. What are the difficulties of the electricity in the agriculture sector?

- (a) Difficulties in getting electric connection
- (b) Difficulties of repairing of electric equipments.
- (c) High primary capital investment
- (d) Irregular electric supply
- (e) Maintenance of electric equipments.
- (f) Corruption

(g) Inadequate supply of water

(h) Stealing of the electric pumps.

Q. 11. Suggestions from the farmers

(Farmers wanted the following suggestions)

(a) Good behavior from MSEB officials.

(b) Reduction of electric rates.

(c) Regular electric supply

(d) Notice must be given before deseries electric supply

Q. 12. Total income in the year 1998-99.

(a) Agriculture

(b) Animal husbandry

(c) Industry and business

(d) Service

Q. 13 Introducing cost of electric pumps HP wise

(a) Electric connection

(b) Price of electric pumps.

(c) Service charges.

(d) Others

Q. 14. Factors affecting agriculture production

- (a) Chemical fertilizer
- (b) Labours
- (c) Cultivation
- (d) Transports
- (e) Others (Electric bill and agricultural revenue)

Q.15. What are financial aids for the electricity

- (a) Name of the bank / Financial Institute
- (b) Loan Rs.
- (c) Year
- (d) Rate of interest
- (E) Weather aid taken, Yes/No.

If Yes,

Name :-----Rs -----Period -----

Q. 16. Repayment of loans (Yes /No)

If yes, How much time -----

If 'No' reason,

- 1)
- 2)

3)

4)

Q17. Expectation from the Government.

(a) Reduction of electric bills for small farmers

(b) Electric bill must be provided at home only.

(c) Annual pattern of electric bill .

(d) Large amount must be spent in the agriculture sector.

(e) Other