

Annexure One

Doctoral Research on

Problems and Prospects of Agriculture in the Tribal Areas of Chhota Udaipur / Vadodara
District

Household Schedule

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Taluka: _____

Date of Survey: _____

Village: _____

Investigator: _____

1 . GENERAL INFORMATION

(a) Name of the Head of Household (HoH):			
(b) Community: SC/ST/OBC/General:		(c) Place Of Birth:	
(d) Religion		(e) Living Since:	
(f) Family Members: Male:		Female:	Children: Total :
(g) Family Type: Nuclear/Joint		(h) Voter Card:	Y/N
(i) BPL/APL/Antodaya Card: Y/N		(j) Ration Card:	Y/N

4. MIGRATION:

- (i) How many members migrated out for Work _____ Others _____
- (ii) Job Type _____ (iii) Income _____ p.m / p.a

5. ACCESS TO VILLAGE INFRASTRUCTURE (Mention Distance if available*)

- (i) Do you access the services within villages? Y/N
- (ii) Health: Public/Private Education: Public/Private Distance _____
- (iii) Finance: Post Office / Bank Distance _____

6. AGRICULTURAL PRACTICES:

6A. Land Details:

Field No.	Locality	Land Ownership#	Field Area (in)	Dist (in)	Years in Possession	Irrigation Source*	Frequency of Irrigation	Current Use**	Soil Quality	Expenditure on Land

* River=1, Bore Well=2, Canal=3, Well=4, Other (Specify)=5: # Owned/Rent

** Cropped/Fallow/Uncultivable/Other (Specify).

6B. Cropping Pattern: (Mention the cropping details by HoH)

Season	Crop	Area and Production (in _____)		
		Name	Area	Qty
Kharif (<i>Choumasu</i>)				
Rabi (<i>Siyalu</i>)				
Summer (Unalu)				

Kharif Crops (June-Oct): Maize, Soaf (Fennel), Dewel (Castor), Rice, G. Nut, Cotton, Udad, Tuar, Math, Vegetables, Others

Rabi Crops (Oct-Jan): Wheat, Tuar, Maize, Vegetables, Others,

Summer Crops (Jan-May)- Bajra, Vegetables. Mung, Rice, Groundnut, Tal (Sesame), Fodder, Others

- (a) Where do you sell your produce? _____
- (b) Your agricultural produce sustains you for how many months in a year _____.
- (c) If insufficient, how do you manage for the rest of the year? _____.

6C. AGRICULTURAL IMPLEMENTS:

Sr. No.	Tools/Equipments	Number (Own/Rent)	Using Since (Years)
1	Wooden/Iron Plough		
2	Tractor		
4	Water Pump (E/D)		
5	Water Pump (E/D)		
6	Any Other (Specify)		

6D. CHANGES IN AGRICULTURAL PRACTICES:

(a) What are the new crops cultivated by you since the last 10 years? _____.

(b) Why have you changed to the present crops? _____

(c) What are the major problems faced by the farmers of the area?

(d) In your opinion, what measures could bring in better agricultural prospects to your area?

_____.

6E. AGRICULTURAL LABOUR INPUTS:

Type of labour	Male	Female	Child	Total	Wages paid (in Rs.)
Family					
Hired (village/outside)					

6F. QUANTITY OF OTHER INPUTS USED (in Kgs./Ltrs.)

Type of input	Season				Using since (No. of Years)
	Kharif	Rabi	Summer	Total	
a) Fertilizers					
b) Pesticides					
c) Organic manures					
d) HYVS					
e) Traditional seeds					
f) Any Other ____					

6G. AGRICULTURAL EXPENDITURE:

Items	Season				Using since (No. of years)
	Kharif	Rabi	Summer	Total	
Seeds/Plants					
Fertilizers					
Pesticides					
Labour					
Transport					
Tools/equipment					
Water					
Electricity					
On sale / marketing					
Any other					
Total					

If any of the above does not comprise your agricultural inputs, please state the following:

- a) Are you aware of the use the modern farm inputs, such as fertilizers, etc.? Yes / No

- b) If yes, why do not you use these? (i) Cannot afford. (ii) Not easily available. (iii) Any other (specify).

7. LIVESTOCK:

Sl. No.	Type	Breed (Local/Hybrid)	Nos.	Possessing Since	Use (HH/Co m.)	Present Value (per head)	Type of fodder	Source of Fodder	
								Normal Time	Scarcity Time

7A. PRODUCTION AND SALE (ANIMAL PRODUCTS):

Animal Product	Production		Sale		Agency Sold to*	If No Sale, Reason/Remarks
	Qty / No	Value (Rs.)	Qty / No	Value (Rs.)		
Milk						
Meat						
Egg						
Other (Specify)						

* 1: Private Vendor; 2: Village Market; 3: Cooperative; 4: Any Other (Specify).

8. OTHER INCOME SOURCES:

Types	Annual / Monthly Income

Note: Handicraft, Gathering Forest Products, Fisheries etc.

9. FOREST

- i) Do you have access to forest resources in the vicinity? Y/N
- ii) At what distance _____ ii) Availability (Abundant/Scarce)
- iii) Produce collected (Mahuda/Honey/Herbs/Fruits/Gum/Fuel Wood/Any other (specify)).
- iv) Purpose / Use (House Hold Consumption / Commercial).
- v) Do you think that shrinkage in the forest cover has raised difficulties in the procurement of the above items? Y/N
- vi) Who do you think is responsible for the shrinkage in the forest cover?
_____.

10. FINANCIAL STATUS

- (a) Have you received any benefit from the Government Schemes? (Indira Awas; Sardar Awas; NAREGA; Family Welfare Related; Others - specify).
- (b) What is your expenditure during the last one week/month? _____.

11. DETAILS OF HOUSE:

Sl. No.	House No.	House Area (sq.ft.)	No. of rooms	No. of stories#	Construction details			Use of Building ##	Electrification
					Wall **	Roof ***	Floor ****		

Serial number can be used to indicate any separate house structure owned by the household including the main dwelling like separate cattle shed, separate structure for poultry etcetera.

Single=1, Double=2.

** Mud=1, Brick with Mud=2, Bamboo or Wood with Mud Plaster=3, Brick with Cement=4, Any Other (Specify)=5.

*** Thatched=1, Asbestos=2, Tiles=3, Concrete=4, Tin=5, Any Other (Specify)=6

**** Earthen=1, Cement=2, Tiles=3, Any Other (Specify)=4.

Own Living=1, Rented=2, Shop/Business=3, 1+2=4, 1+3=5, Any Other (Specify)=6.

12. INDEBTEDNESS:

Have you taken any loan? If yes,

Purpose	Loan Amount (Rs.)	Agency/Source	Repayment Status
(a) Crop Loan			
(b) Education Loan			
(c) Social			
(d) Other _____			

13. MATERIAL POSSESSIONS: Number and Possessing Since (Number of Years).

(a) Bicycle ____ () (b) Bullock Cart ____ () (c) Motor Cycle ____ ()

(d) Motor Car ____ () (e) Tel/Mobile ____ () (f) TV ____ () (g) Other ____ ()

14. INFRASTRUCTURE AVAILABILITY:

14A. WATER:

Sl. No.	Use of Water	Source of Water**			Distance of Source***		
		Rainy	Summer	Winter	Rainy	Summer	Winter
1	Drinking						
2	Washing						
3	Cattle						

** Own well=1, Community well=2, Own Tube Well/Hand Pump=3, Community Tube Well/Hand Pump, River=5, Panchayat Supply=6, Pond=7, Mobile Water Tank=8

*** Within House=1, Less Than 100m=2, 100-500m=3, 500m-1km=4, 1-5km =5, More Than 5km=6

(a) What problems do you generally face pertaining to drinking water?

- i) Available at a distance.
- ii) Becomes scarce during the dry season.
- iii) It has saline content.
- iv) It is contaminated.
- e) Any other (specify).

(b) How do you tackle water problems? _____

(c) Whether there is change in drinking water source in last 10 years? Y/N.

14B. FUEL FOR KITCHEN:

(a) What do you use as cooking fuel and how much? Type _____ Qty _____

(b) Has the source of kitchen fuel changed during the last 10 years? Y/N.

If Yes, Specify _____.

14C. ELECTRICITY:

(a) Hours electricity is available for House _____ and Field _____

(b) Monthly expenditure on electricity Rs. _____

15. SOCIO-ECONOMIC DEVELOPMENT ASPECTS:

(a) Are you aware of any developmental activity / programme / project in the area? (i. Pradhan Mantri Gram Sadak Yojana; ii. Swarno Jayanti Gram Swarogor Yojana; iii. Indira Awas Yojana; iv. MGNREGA; v. National Social Assistance Programme; vi. Any Other _____ Yes/No _____ (Govt./NGO)

(b) How has the intervention helped in the improvement of your socio-economic condition?
(i) No change (ii) improved (iii) deteriorated (iv) employment opportunities have improved (v) Learned new skill (vi) Any other _____.

(c) Has the status of women in your family and village changed during the last 10 years?
Y/N

(d) If yes, whether positive or negative? In either case, please elaborate.
_____.

(e) Who takes major decisions in the family? (Elder males only/ Elder females only/ Both jointly)

(f) Whether there is gender discrimination in employment. Y/N

(g) Indicate the occupations **not** usually acceptable to Men and Women.

- (i) Men: _____ (ii) Women: _____
(ii) Occupations shared by both: _____

(g) Do women observe *purdah* outside home? Y/N

(h) Whether family allows women to work outside home on land own by others? Y/N

(i) Are women forbidden/not supposed to attend/visit any of the following?

- (i) Market – Y/N
- (ii) Forest – Y/N
- (iii) Village meetings – Y/N
- (iv) Education –Y/N
- (iv) Any other– _____

(j) In your opinion, what stops women from work?

- (i) Non-availability of work.
- (ii) Raising of children/household chores.
- (iii) Caste or religious constraints.
- (iv) Family tradition/prestige/consciousness.
- (v) Any other (specify).

(k) At what age (average) generally children are married off? Boys ____; Girls _____.

(l) Do the community leaders or Panchayat members help your family during hardship? Y/N

(m) Do you have any suggestion to make with respect to the development of your village/area? Please specify.

16. CHANGES IN TRIBAL SOCIETY/AGRICULTURE:

(a) Whether more people migrate to towns than earlier from family? Y/N

(c) What are reasons for migration from your family? _____

(d) Whether tribal society is discriminated against when government schemes for agriculture are implemented? Y/N

(d) Did you receive help from Panchayat during your needs? Y/N

(e) Whether the agricultural practices have changed in last 10 years? Improved/Declined

(f) Whether land holding is major cause of concern for agriculture? Y/N

(g) What is your suggestion for improvement of your agriculture and economic status?

17. INVESTIGATOR'S OBSERVATIONS:
