

VILLAGE DYNAMICS IN SOUTH ASIA (VDSA)

ICRISAT-NCAP (India)-IRRI (Bangladesh)

General Endowment Schedule (GES)

Identifier

Country (#)	State (##)	Year (##)	Village code (#)	Survey Household No. (####)
I		13		

Census Household No.(####)	
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Household Information:

Village: _____ Taluka/Tehsil/Mandal: _____

District: _____ State: _____ Country: **INDIA**

HH No. at present: _____ Preceding HH No.^a: _____ Old VLS HH No.(1975-84)^b: _____

Landholding Class at present^c: _____ Old VLS LH Class(1975-84)^c: _____

Name of the head/respondent: _____

Son/spouse/daughter of: _____

Caste: _____ Sub-caste: _____ Caste group^d: _____ Religion: _____

Household GPS ID: Longitude(N): _____ Latitude (E): _____ Altitude: _____

How did you become head?^e: _____ When did you become head: _____

How much land and other assets did you receive when you became head?

Dry (Ac): _____ Rs/ac: _____ Irrigable (Ac): _____ Rs/ac: _____

Value of residential house/plot (Rs): _____ No. of animals (No): _____

Value of animals (Rs): _____ Value of major farm implements (Rs): _____

Value of other assets including gold and silver (Value in Rs): _____

Cash received (Rs): _____ Loan amount received as his/her share (Rs): _____

Has the household immigrated to this village? (Yes/No): _____

If yes, Where did you come from (Place): _____ Distance (km): _____

Year: _____ Main reason for immigration: _____

Date of interview: _____ Name of the Investigator: _____

Date of checking: _____ Name of the Supervisor: _____

**NOTE: Information in this module (GES) needs to be collected once in a year in July.
The shaded variables need not be collected from second year onwards.**

^a This is applicable only in case of division of household. Preceding source HH No. refers to the earlier household from which the present household is formed/sourced.

^b Applicable only to six villages where ICRISAT conducted VLS studies in India in 1975-84.

^c LB= Landless, SM= Small, MD= Medium, LA= Large farm size class based on own land holding.

^d FC= Forward caste, BC= Backward caste, OBC= Other Backward caste, SBC=Special Backward caste, SC= Scheduled caste, ST= Scheduled tribe, NT= Nomadic tribe.

^e Family division=1, Death of father=2, Death of spouse=3, Others=4 (Specify: _____)

A. Household Member Schedule (VDSA – C)

Sl. No	Name	Change in status ^a	Relation with head ^b	Gender Male Female	Age	Member ID		Spouse of		Child of		Marital Status ^d	Year of marriage	Education level ^e	No. of years studied	Year of stopping education	Reasons for stopping education ^f
						OLD VLS 75-84 ^c	Present VDS	Male ID	Female ID	Male ID	Female ID						
1			1														
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

^a **Status Codes:** 0=Present in HH, 1=Left the HH due to marriage, 2=Left the HH due to separation (family division), 3=Death, 4=Left the HH due to other reason _____
5=Joined the HH due to birth, 6=Joined the HH due to marriage, 7=Rejoined the family, 8=Joined the HH due to other reason _____.

Note: For codes 1 to 4, do not collect any further information.

^b Relation with head: 1=Head/Self; 2=Father, 3=Mother, 4=Spouse, 5=Son, 6=Daughter, 7=Son-in-law, 8=Daughter-in-law, 9=Grand son, 10=Grand daughter, 11=Brother, 12=Sister, 13=Brother's wife, 14=Brother's children, 15=Others (specify:_____).

^c Applicable only to six villages where ICRISAT conducted VLS studies in India in 1975-84.

^d 1=Married, 2=Unmarried, 3=Widow/Widower, 4=Diversed, 5=Separated, 6=Others (specify: _____)

^e 0=Illiterate, 1=Primary(1-4th std), 2=Middle(5-7th std), 3=High school(8-10th std), 4=Inter(11-12th std), 5=Diploma, 6=Graduation, 7=Post-graduation, 8=Technical degree (BE, MBBS, B.Sc.Agri.), 9=Double degree (Example, BA, B.Ed), 10=PhD, 11=Others (Specify:_____)

^f 1=Not affordable, 2=Educational institutions are far-away, 3=Enough to get employment, 4=Not interested, 5=To support the family, 6=Enough to get minimum knowledge, 7=Others (Specify:_____)

Household details contd.,.....

Sl. No	Main occupation ^g	Subsidiary occupation ^g	Degree of ability ^h	Living with family/ outside	If living outside				If member of any organization	Body mass Index (Up to two decimal places)		
					Place	Distance (km)	Frequency of visits ⁱ	Purpose		Name of the organization	Height (Cms)	Weight (Kg)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

^g 1=Farming, 2=Farm labour, 3=Non-farm labour, 4=Regular farm servant, 5=Livestock, 6=Business, 7=Caste occupation, 8=Salaried job, 9=Education, 10=Domestic work, 11=No work (Child/Old age/Physically or mentally handicapped), 12=Others (Specify: _____)

^h 1=Can do any farm or domestic work, 2=Can do only farm work, 3=Can do only domestic work, 4=Can do only light farm work, 5=Can do only light domestic work, 6=Cannot do any work (due to young/old age or physical/mental disability).

ⁱ 1=More than once a month, 2=Once a month, 3=Quarterly, 4=Half yearly, 5=Yearly.

B. Landholding information as on 1st July (VDSA – D)

Sl. No	Plot name	Plot code	Change in the status ^a	Owner -ship ^b	Who owns this plot (Member ID)	Total area (Ac)	Cultivable area (Ac)	Irrigable area (Ac)	Distance from house (Km)	Source of irrigation ^c		Distance from irrigation source ^d (Km)	Soil type ^e	Average soil depth (Cms)
										(1)	(2)			
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

^a **Status Codes:** 0=Presently operating, 1=Sold, 2=Given out as gift, 3=Given out due to family division, 4=Leased-in land given back to land owner, 5=Part of the plot sold/gifted out/given to family members, 6=Leased-out, 7=Loss of plot due to other reasons (specify: _____); 8=Purchased, 9=Received as gift, 10=Received due to family division, 11=Leased-out land taken back from the tenant, 12=Leased-in, 13=Received plot due to other reasons (specify: _____).

Note: For codes 1 to 4, do not collect any further information.

^b OW=Own land, SI=Leased-in on crop share, LI=Leased-in on fixed rent, SO=Leased-out on crop share, LO=Leased out on fixed rent, MI=Mortgaged-in, MO=Mortgaged-out

^c 1=Open well, 2=Borewell, 3=Tank/pond, 4=Canal, 5=River, 6=Others (Specify: _____)

^d Even if the plot does not have any own irrigation source, take the distance of nearest available irrigation source.

^e 1=Red, 2=Shallow black/Murum, 3=Medium Black, 4=Deep Black, 5=Sandy, 6=Loam, 7=Sandy loam, 8=Clay, 9=Clay loam, 10=Problematic soils (Saline/alkaline,etc.), 11=Others (specify: _____)

(Land holdings contd.,)

Sl. No.	Soil fertility ^f	Slope ^g	Soil degradation ^h	Location inside/outside the village	Bunding Yes/No	Type of bund ⁱ	No. of trees (Fruit, timber & other)	How much do you get if you sell ^j (Rs/Ac)	Land revenue ^j (Rs/Ac/year)	Land rent ^k (Rs/Ac/year)	Remarks
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

^f Soil fertility: 1=Very poor, 2=Poor, 3=Good, 4=Very good

^g Slope: 1=Leveled 0-1%, 2=Slight slope 1-3%, 3=Medium slope 3-10%, 4=High slope >10%

^h Soil degradation: 1=No problem, 2=Soil erosion, 3=Nutrient depletion, 4=Water logging, 5=Salinity/Acidity, 6=Others (Specify: _____)

ⁱ Bunding: 1=Field bunds in paddy field, 2=Soil conservation bunds, 3=Property bunds around the plot, 4=Others (Specify: _____)

^j To be collected for own and leased/shared-out plots **(This includes all the taxes paid to the government)**. Write NA for leased/shared-in plots.

^k For leased/shared-in and leased/shared-out plots, record the actual rent paid/received. For own land, record the imputed rental value.

C. Animal Inventory of the household as on 1st July (VDSA – E)

Type of livestock	Number	Mode of Acquire				How much do you get if you sell (Rs)
		On farm rearing (No)	Purchase (No)	Received as gift (No)	Shared rearing (No)	
1. Draft animals (Bullocks)						
1.1. Improved						
1.2. Local						
2. Draft animals (He buffaloes)						
2.1. Improved						
2.2. Local						
3. Milch animals (She buffaloes)						
3.1. Improved						
3.2. Local						
4. Milch animals (Cows)						
4.1. Improved/Cross bred						
4.2. Local						
5. Young stock (< 3 Years)						
5. Young cattle						
6. Goats						
7. Sheep						
8. Poultry						
9. Pigs						
10. Camel						
11. Donkey						
12. Horses						
13. Others						
14.						
15.						
16.						

D. Farm Implements owned by the household as on 1st July (VDSA – F)

Item	Number	% Share	Horse power	How much do you get if you sell (Rs) ^a
1. Desi plough (Iron/wood)				
2. Modern plough				
3. Blade harrow				
4. Blade hoe				
5. Seed drill (Local/Modern)				
6. Sprinkler set				
7. Drip irrigation				
8. Manual sprayer/duster				
9. Power sprayer/duster				
10. Chaff cutter				
11. Sugarcane crusher				
12. Rice huller/mill				
13. Flour/grinding mill				
14. Power-tiller				
15. Tractor (with trolley/implements)				
16.1. Submersible pump (1)				
16.2. Submersible pump (2)				
16.3. Submersible pump (3)				
17. Bullock cart				
18. Other Minor implements				
19. Mechanical Thresher				
20.1. Electric motor (1)				
20.2. Electric motor (2)				
20.3. Electric motor (3)				
21.1. Diesel pump sets (1)				
21.2. Diesel pump sets (2)				
21.3. Diesel pump sets (3)				
22. Pipeline (feet)				
23. Combined harvester cum thresher				
24. Implements used for caste occupation				
25. Implements used for handy-crafts				
26. Groundnut opener				

^a Report value of the implement as per the stake in the ownership

E. Building & Consumer durables of the household as on 1st July (VDSA – G)

Item	Facilities	How much do you get if you sell (Rs) ^a	Who owns the resources (Mem. ID)
I) Building:			
1. Residential house:	Own/rented		
If own, then record area of courtyard (sq. feet)			
1.1. Type of house ^b			
1.2. Toilet	Yes/No		
1.3. Bathroom	Yes/No		
1.4. Electrified	Yes/No		
1.5. Tap water connection	Yes/No		
1.6. Drinking water well	Yes/No		
1.7. Cooking gas (LPG)	Yes/No		
1.8. Star connection (Cable T.V)	Yes/No		
1.9. Internet connection	Yes/No		
1.10. Others (Specify)	Yes/No		
2. Cattle shed			
3. Farm house			
4. Residential plots			
5. Storage structures			
6. Other residential houses			
II) Consumer durables:		Number	
1) Television			
2) Radios			
3) Telephone			
4) Mobile phone			
5) Cooking utensils			
6) Furniture			
7) Tape recorder/CD player(Audio)			
8) VCD/DVD/VCR			
9) Camera			
10) Watch			
11) Sewing machine			
12) Fan			
13) Motor cycle/scooter			
14) Auto			
15) Car			
16)Jeep/truck			
17) Computer			
18) Refrigerator			
19) Gold & silver			
20) Washing machine			
21) Grinder			
22) Air conditioner			
23) Room cooler			
24) Bicycle			
25) Rickshaw			
26) Others (Specify)			

^a Record the value in rupees for own residential house (how much he/she gets if you sold in the market).

^b 1=Strong walls and RCC roof, 2=Strong walls and other type of roof, 3=Mud walls with thatched roof, 4=Mud walls with other roof, 5=Others (Specify_____)

F. Stock Inventory as on 1st July (VDSA – N)

Item	Unit (Quintal/ Kg/Lt)	Quantity	Unit price Rupees	Total Value (Rs)
1. Cereals:				
Sorghum				
Pearl millet				
Finger millet				
Wheat				
Maize				
Paddy				
Rice				
2. Pulses: (Record grain and dal separately)				
Pigeonpea				
Chickpea				
Green gram				
Black gram				
Cowpea				
Delicus Lab-lab, Matki, Kulthi, & lentil				
3. Oil seeds:				
Groundnut pods				
Sunflower				
Soybean				
Castor				
Cotton				
Sesamum				
4. Fodders:				
Sorghum/Millet straw				
Maize straw				
Paddy straw				
Wheat straw				
Groundnut haulms				
Pigeonpea fodder				
5. Cattle feeds				
Cattle feeds, Rice bran				
6. Cooking:				
Kerosene				
Firewood				
LPG				
7. Fertilizers & Pesticides:				
9. Others:				
Farm yard manure (FYM)				

G. Debt and Credit Schedule (VDSA – P)

Position of financial assets and liabilities as on 1st July

Agency/Sources	Amount (Cash & kind)	Purpose ^a	Duration In Months	Interest rate/ year (%)	Who did the activity Member ID	Who spent/used the loan amount M/F/B ^b
I. Borrowings:						
1. Co-operative banks						
2. Commercial banks						
3. Grameena Bank						
5. Friends & relatives						
5. Finance companies						
6. Employer						
7. Landlord						
8. Shopkeeper						
9. Moneylender						
10. Self Help Groups						
11. Commission agent						
12. Input supplier						
13. Others						
II. Lendings:						
1. Friends & relatives						
2. Tenants						
3. Others						
III. Savings:						
1. Commercial banks						
2. Co-operative bank						
3. Grameena Bank						
4. Insurance policies						
5. Post office						
6. Self Help Groups						
7. Chit funds						
8. Investment						
9. GPF/EPF/PPF						
10. Others (Specify)						

^a 1=Agriculture, 2=Purchase of implements, 3=Purchase of livestock, 4=Social functions, 5=Consumption, 6=Education, 7=Medical, 8=Start business, 9=Repay old debt, 10=Major repairs, 11=Purchase of land, 12=Payment of dowry, 13= Drill well/bore well, 14=Others (Specify _____)

^b M=Male, F=Female, B =Both

H. Role of gender (Collect the information in the presence of both women and men of the household)

1. Resource ownership and decision-making:

Resources ^a	Ownership M/F/B	Decision making M/F/B	Who influences the utilization/decision M/F/B
1. Assets:			
Land			
Livestock			
Credit			
Machinery			
Investment			
Others			
2. Inputs:			
	b	b	b
Seed			
Fertilizer			
Pesticide			
Own labor			
Hired labor			
Others			
3. Outputs:			
		c	c
Crop main production			
Sale quantity			
Fodder production & use			
Others			
4. Others:			
Household maintenance			
Education of children			
Children marriage			
Migration			
Pleasure trip			
Encountering a disaster			
Whom to give vote			
Others (specify)			

^a Note: If not applicable, leave blank; otherwise write M=Male, F=Female, B=Both.

^b In case of inputs, 'Ownership' implies who buys, 'Decision making' implies who decided the variety/brand/type/quality/quantity, etc., 'Who influences the utilization/decision' implies who influences the decision on where (plot), when and how much.

^c In case of outputs, 'Decision making' implies decision regarding how much to sell, where & when to sell, how much to keep for consumption, 'Who influences the utilization/decision' implies how the sale proceeds be used, how the home retained produce is used, etc.

2. Role of gender in crop cultivation^a

Activity	Done by men	Done by women	Jointly (men & women)
1. Selection of crop			
2. Selection of variety			
3. Land preparation			
4. Transport of FYM & application			
5. Sowing seed			
6. Transplanting			
7. Chemical fertilizer application			
8. Hand weeding			
9. Interculture			
10. Plant protection measures			
11. Irrigation			
12. Watching			
13. Harvesting			
14. Threshing			
15. Marketing			
16. Seed selection and storage			

^a Put (✓) tick mark where ever is applicable.

Write the activities done by gender. If the household does not cultivate any land, record their perceptions based on their observations.

Module I. Marketing and Information received

1. Name of the nearest market place: _____ Distance from village (Km): _____

2. Where do you get information for the following items (Rank)?

Inputs	Input dealer	Seed company	Fellow Farmers	NGO	Govt. Dept.	Research station	TV/ Radio/ Print media	KVK	Others
Crop output prices									
Crop varieties									
Chemical Fertilizer									
Use of pesticides									
Seed selection & storage									
Weather information									
Crop insurance									
Input subsidies									
Horticulture crops									
Cattle/poultry rearing									
Treatment of cattle/ poultry diseases									
Others									

J. Coping mechanisms

1. Did you experience any severe drought/flood/pest/diseases/misfortune that affected your livelihoods during the last year?

Yes/No

2. If yes, did you adopt any coping mechanisms due to above said problems during last year?

Yes/No

If yes, list the coping mechanisms adopted by the household in order of importance:
(Collect this information from both male and female members of the household separately)

Problems			Coping mechanisms ^b adopted by the household					
Problem	Loss ^a		Male			Female		
	Rs.	% income	1 st	2 nd	3 rd	1 st	2 nd	3 rd
Drought								
Flood/Cyclone								
Pests & diseases								
Death of earning member								
Death of livestock								
Litigation of property								
Loss due to theft/dacoit/fire								
Wild boars								
Others (Specify)								

^a Which ever is applicable(either in Rs. or in % of income)

^b Codes: 1=Selling land, 2=Selling domestic animals/birds, 3=Selling trees, 4=Mortgaging land, 5=Mortgaging other property, 6=Own savings, 7=Help from relatives, 8=Cash loans, 9=Kind loans, 10=Govt.Aid/relief, 11=Others(Specify: _____)

3. Did Government/any organization provide any assistance during drought/flood/pest/diseases/misfortune experienced during the last year?

Yes/No

If yes, what type of assistance did you receive?

(a) _____

(b) _____

(c) _____

4. Can you rank the individuals/institutions you approach in terms of how reliable they are in the event of a drought or a flood?

Source of Assistance	Rank ^a	
	Drought	Flood
Friends		
Kinship and relatives		
Village Community		
Money lender		
SHGs		
NGOs		
Village Panchayat		
Local Group with Political Affiliations		
Grameena Banks/ Primary Agril. Credit Society/ Commercial Banks		
Private Dairy		
Ration Shop (PDS)		
Primary Health Centre		
Schools		
Private Companies		
Others (Specify)		

^a Rank between 1 and 10. Rating of “1” is the most preferred and “10” is the least preferred.

5. Did you adopt any proactive measures keeping in mind future climatic shocks? Yes/No

If yes, what measures have been taken?

(a) _____

(b) _____

(c) _____