

**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		10		

Census Household No.(###)

**Household Information:**

Village: \_\_\_\_\_ Taluka/Tehsil/Mandal: \_\_\_\_\_

District: \_\_\_\_\_ State: \_\_\_\_\_ Country: **INDIA**

Household Number at present: \_\_\_\_\_ Old VLS HH No. (1975-84)<sup>a</sup>: \_\_\_\_\_

Landholding Class at present<sup>b</sup>: \_\_\_\_\_ Old VLS LH Class (1975-84)<sup>a</sup>: \_\_\_\_\_

Name of the head/respondent: \_\_\_\_\_

Son/spouse/daughter of: \_\_\_\_\_

Caste: \_\_\_\_\_ Sub-caste: \_\_\_\_\_ Caste group<sup>c</sup>: \_\_\_\_\_ Religion: \_\_\_\_\_

Household GPS ID: Longitude(N): \_\_\_\_\_ Latitude (E): \_\_\_\_\_ Altitude: \_\_\_\_\_

How did you became head?<sup>d</sup>: \_\_\_\_\_ When did you became 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.**

<sup>a</sup> Applicable only to six villages where ICRISAT conducted VLS studies in India in 1975-84.

<sup>b</sup> LB= Landless, SM= Small, MD= Medium, LA= Large farm size class based on own land holding.

<sup>c</sup> FC= Forward caste, BC= Backward caste, OBC= Other Backward caste, SBC=Special Backward caste, SC= Scheduled caste, ST= Scheduled tribe, NT= Nomadic tribe.

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

<sup>a</sup> **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.

<sup>b</sup> 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:\_\_\_\_\_).

<sup>c</sup> Applicable only to six villages where ICRISAT conducted VLS studies in India in 1975-84.

<sup>d</sup> 1=Married, 2=Unmarried, 3=Widow/Widower, 4=Diversed, 5=Separated, 6=Others (specify: \_\_\_\_\_)

<sup>e</sup> 0=Illiterate, 1=Primary(1-4<sup>th</sup> std), 2=Middle(5-7<sup>th</sup> std), 3=High school(8-10<sup>th</sup> std), 4=Inter(11-12<sup>th</sup> 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:\_\_\_\_\_)

<sup>f</sup> 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 <sup>g</sup>	Subsidiary occupation <sup>g</sup>	Degree of disability <sup>h</sup>	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 <sup>i</sup>	Purpose		Name of the organization	Height (Cms)	Weight (Kg)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

<sup>g</sup> 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: \_\_\_\_\_)

<sup>h</sup> 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).

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

**B. Landholding information as on 1<sup>st</sup> July (VDSA – D)**

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

<sup>a</sup> **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.

<sup>b</sup> 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

<sup>c</sup> 1=Open well, 2=Borewell, 3=Tank/pond, 4=Canal, 5=River, 6=Others (Specify: \_\_\_\_\_)

<sup>d</sup> Even if the plot does not have an own irrigation source, take the distance of nearest available irrigation source.

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

<sup>f</sup> Soil fertility: 1=Very poor, 2=Poor, 3=Good, 4=Very good

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

<sup>h</sup> Soil degradation: 1=No problem, 2=Soil erosion, 3=Nutrient depletion, 4=Water logging, 5=Salinity/Acidity, 6=Others (Specify: \_\_\_\_\_)

<sup>i</sup> Bunding: 1=Field bunds in paddy field, 2=Soil conservation bunds, 3=Property bunds around the plot, 4=Others (Specify: \_\_\_\_\_)

<sup>j</sup> To be collected for own and leased/shared-out plots. Write NA for leased/shared-in plots.

<sup>k</sup> 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 1<sup>st</sup> July (VDSA – E)**

	Number	Mode of Acquire <sup>a</sup>	How much do you get if you sell (Rs)
<b>1. Draft animals (Bullocks)</b>			
1.1. Improved			
1.2. Local			
<b>2. Draft animals (He buffaloes)</b>			
2.1. Improved			
2.2. Local			
<b>3. Milch animals (She buffaloes)</b>			
3.1. Improved			
3.2. Local			
<b>4. Milch animals (Cows)</b>			
4.1. Improved/Cross bred			
4.2. Local			
<b>5. Young stock (&lt; 3 Years)</b>			
5. Young cattle			
6. Goats			
7. Sheep			
8. Poultry			
9. Pigs			
10. Camel			
11. Donkey			
12. Horses			
13. Others			
14.			
15.			
16.			

<sup>a</sup>1=On farm rearing, 2=Purchase, 3=Received as gift

**D. Farm Implements owned by the household as on 1<sup>st</sup> July (VDSA – F)**

Item	Number	% Share	Horse power	How much do you get if you sell (Rs) <sup>a</sup>
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 sprayers/dusters				
9. Power sprayer/duster				
10. Chaff cutter				
11. Sugarcane crusher				
12. Agro processing unit				
13. Rice/flour mill/grinding				
14. Power-tiller / Tractor				
15.1. Submersible pump (1)				
15.2. Submersible pump (2)				
15.3. Submersible pump (3)				
16. Bullock cart				
17. Trucks				
18. Other Minor implements				
19. Mechanical Thresher				
20.1. Electric motor (1)				
20.2. Electric motor (2)				
20.3. Electric motor (3)				
21. Diesel pump sets				
22. Pipeline (feet)				
23. Combined harvester cum thresher				
24. Implements used for caste occupation				
25. Implements used for handy- craft				
26. Groundnut opener				
27.				

<sup>a</sup> Report value of the implement as per the stake in the ownership

**E. Building & Consumer durables of the household as on 1<sup>st</sup> July (VDSA – G)**

Item	Facilities/ number	How much do you get if you sell (Rs) <sup>a</sup>	Who owns the resources (Member ID)
1. Residential house:	Own/rented		
If own, then record area of courtyard (sq. feet)			
1.1. Type of house <sup>b</sup>			
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. Others (Specify)	Yes/No		
2. Cattle shed			
3. Farm house			
4. Residential plots			
5. Storage structures			
6. Other residential houses			
a) Television			
b) Radios			
c) Telephone/Cell phones			
d) Cooking utensils			
e) Furniture			
f) Tape recorder/CD player			
g) Watches			
h) Sewing machine			
i) Fans			
j) Motor cycle/scooter			
k) Auto/car/jeep			
l) Computer (Internet)			
m) Fridge			
n) Gold & silver			
o) Washing machine/ grinders			
p) Air conditioners/ roomcoolers			
q) Bicycle/ rickshaw			
r) Others specify			

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

<sup>b</sup> 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 1<sup>st</sup> July (VDSA – N)**

Item	Unit (Quintal/ Kg/Lt )	Quantity	Unit price Rupees	Total Value (Rs)
<b>1. Cereals:</b>				
Sorghum				
Pearl Millet				
Finger Millet				
Wheat				
Maize				
Paddy				
Rice				
<b>2. Pulses:</b>				
Pigeonpea				
Chickpea				
Green Gram				
Black Gram				
Cowpea				
Delicus Lab-lab, Matki, Kulthi, & lentil				
<b>3. Cash crops:</b>				
Groundnut pods				
Sunflower				
Soybean				
Castor				
Cotton				
Sesamum				
<b>4. Fodders:</b>				
Sorghum/millet Straw				
Maize Straw				
Paddy Straw				
Wheat straw				
Groundnut haulms				
Pigeonpea fodder				
<b>5. Cattle feeds</b>				
Cattle feeds, Rice bran				
<b>6. Cooking:</b>				
Kerosene				
Firewood				
<b>7. Fertilizers &amp; Pesticides:</b>				
<b>9. Others:</b>				
Farm Yard Manure (FYM)				

## G. Debt and Credit Schedule (VDSA – P)

### Position of financial assets and liabilities as on 1<sup>st</sup> July

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

<sup>a</sup> 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\_\_\_\_\_)

## H. Role of gender (Collect the information from both women and men of the household)

### 1. Resource ownership and decision-making:

Resources	Ownership Male/Female/Both <sup>a</sup>	Decision making Male/Female/Both <sup>a</sup>	Who influences the utilization Male/Female/Both <sup>a</sup>
<b>1. Assets:</b>			
Land			
Livestock			
Credit			
Machinery			
Investment			
Others			
<b>2. Inputs:</b>			
Seeds			
Fertilizers			
Pesticides			
Own labor			
Hired labor			
Others			
<b>3. Outputs:</b>			
Crop main production			
Sale quantity			
Fodder production & use			
Others			
<b>4. Others:</b>			
Household maintenance			
Education of children			
Children marriage			
Migration			
Pleasure trip			
Encountering a disaster			
Whom to give vote			
Others (specify)			

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

## 2. Role of gender in crop cultivation<sup>a</sup>

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. Chemical fertilizer application			
7. Hand weeding			
8. Interculture			
9. Plant protection measures			
10. Irrigation			
11. Watching			
12. Harvesting			
13. Threshing			
14. Marketing			
15. Seed selection and storage			

<sup>a</sup> 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	Other Farmers	NGO	Agri./Vet. Dept.	Research station	TV/ Radio/ Print media	Krishi-melas	Other
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 <sup>a</sup> adopted by the household					
Problem	% income loss	Male			Female		
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Drought							
Flood/Cyclone							
Pests & diseases							
Death of earning member							
Death of livestock							
Litigation of property							
Loss due to theft/dacoit/fire							
Others(specify):							

<sup>a</sup> 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 drought 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 <sup>a</sup>
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)	

<sup>a</sup> 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) \_\_\_\_\_