

Survey of Agricultural Biodiversity Assessment

General Information

Household ID: _____

a) Enumerator's name		g) Hamlet's landscape position	upper/ medium/ lower
b) Date of interview (dd/mm/yyyy)		h) Household ID (give sequential numbers)	
c) State		i) Latitude (at least 7 digits)	xx.xxxxx
d) District		j) Longitude (at least 7 digits)	xx.xxxxx
e) Taluk/blocks/mandal		k) Elevation (in meters)	
f) Village with ZIP/PIN code			

Information on respondent

a) HH head name		i) HH head spouse status	In hh	absent	no spouse
b) HH head gender	M	F	j) Education of spouse (number of years of formal education completed)		
c) HH head education (number of years of formal education completed)		k) Relation of respondents to HH head			
d) HH head age					
e) HH head marital status**	Mr	UM	Wd		

Annual plant species grown on the farm during 2012 (include field crops and kitchen garden) (add more sheets if necessary)

		Species	Species	Species	Species	Species	Species
Please write the name of species							
Where it was grown?	Farm=1, kitchen garden=2, other (specify)						
If yes, in which seasons	Rabi=1, 2=Kharif, other (specify)						
Under what water conditions was grown?	Rainfed=1, khadim=2, tube-well irrigation=3, canal irrigation=4, other (specify)						
What was the area planted to the species? (not applicable kitchen garden)							
What was the objective of producing it?	Self-consumption exclusively=1, selling exclusively=2, both self consumption and sale=3						
If consumed, what contribution does the species make to food consumed	Major=3; medium=2; minor=1, no contribution=0						
If sold, what contribution does the species make to income	Major=3; medium=2; minor=1, no contribution=0						
What parts of the plant that are used (Mark all relevant ones)	Seed=1, leaf=2, stem=3, root=4, flowers=5, other (specify)						
What were the uses that you give to it? (Mark all relevant ones)	Food=1, fodder/animal feed=2, medicine=3, fuel=4, construction material=5; others (specify)						
How did you obtain the seed you planted in 2012?	Saved from own previous harvest=1, obtained outside the farm=2						
If obtained outside the farm in 2012, from who did you obtained it?	Family=1, neighbor=2, friend=3, public seed trader=4, private seed trader=5, local market=6, government emergency programme =7, NGO=8 other (specify)						
Where did you get the seed?	Same village=1, different village=2, market=3						
If you obtained seed outside the farm, what transaction did you made?	Purchase=1, exchange of seed=2, barter for other goods=3, credit=4, gift=5, other (specify)						
Did you give seed to other farmer in 2012?	No=0, yes=1						
How frequently do you renew the seed of this species?	Every year=1: every 2 years=2; every 3 years=3; never=4; other =Specify.						
How many varieties of this species did you plant in 2012?							
How many of those varieties are local? (desi)							
How many of those varieties are "improved/hybrid? (local term)							

Would you want to get other varieties of this species (yes=1, no=0)							
If yes, what types: desi=1, improved=2, both=3							
Who takes care of the species?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the seed that was planted?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the field management of this "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the consumption of the "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the marketing of the "species"?	Husband=1, wife=2, both=3, other (specify)						

Perennial plant species (food—fruit, leaves, pods—and agro-forestry—fodder, fuel, house construction, industry etc.) (add more sheets if necessary)

		Species	Species	Species	Species	Species	Species
Please write the name of species							
Where is it located?	Farm=1, kitchen garden=2, common lands=3, other (specify)						
Under what water conditions was grown?	Rainfed=1, khadim=2, tube-well irrigation=3, canal irrigation=4, other (specify)						
Did you harvest it during 2012?	No=0, Yes=1						
What was the objective of harvesting it?	Self-consumption exclusively=1, selling exclusively=2, both self consumption and sale=3						
What parts do you use?							
What products did you harvest/obtained from it?	Food=1, fodder/animal feed=2, medicine=3, fuel=4, construction material=5; others (specify)						
What was the number of trees? Or area for grasses							
How many varieties of this "species" did you plant last year?							
How many of those varieties are local? (desi)							

How many of those varieties are "improved? (local term)							
How did you obtain the planting material?	Need fill in categories						
What transaction did you made?	Purchase=1, exchange of seed=2, barter for other goods=3, credit=4, gift=5, other (specify)						
Did you give planting material to others in the last three years (2010-12)?	No=0, yes=1						
Who takes care of the species?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the field management of this "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the harvesting of the "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the uses of the "species"?							
Who makes the decisions about the sale for various products from species?							

Wild or semi-wild crops harvested from common lands (add more sheets if necessary)

Please indicate which wild or semi-wild crops you collected and or marketed during 2012

<i>Crop group</i>	<i>Crop</i>	Use (1-4)	<i>crops</i>	Use (1-4)
A. Vegetables	1.		4.	
	2.		5.	
	3.		6.	

B. Fruits (wild or semi-wild)	1.		3.	
	2.		4.	
C. Roots and tubers	1.		3.	
	2.		4.	
D. Medicinal uses	1.		3.	
	2.		4.	
E. Animal feed	1.		3.	
	2.		4.	
F. Fuel and Fire wood	1.		3.	
	2.		4.	
F. Household use	1.		3.	
	2.		4.	

Use: 1= Self-consumption, 2= Market/sale, 3= Self-consumption and market/sale, 4 = Other (Specify)

Domesticated animal species maintained by the household (add more sheets if necessary)

		Species	Species	Species	Species	Species	Species
Please write the name of species							
How many animals of this species do you own in 2012?							
What products do you derive from this species in 2012?	Milk=1, dung for fuel=2, dung as fertilizer=3, hides=4; others (specify)						
What are the objectives for the products derived from this species? (This can be answered by product)	Direct use by household=1, for sale=2; both=3, other=4						
How many breeds of this species did you maintain in 2012?							
How many of these breeds are local?							
How many of these breeds are "improved"							
How many of these breeds are a mixture of local and "improved"							
How many of these breeds are a mixture of different local breeds?							
How many did you purchase in 2012	No=0, Yes=1						
How many did you sell 2012	Fill in categories						
To whom	Fill in categories						
Where?	Fill in categories						
Did you participate in animal fairs for buying/selling	Fill in categories						
Who takes care of the species?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the management of this "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the harvesting of the "species"?	Husband=1, wife=2, both=3, other (specify)						
Who makes the decisions about the uses of the "species"?							
Who makes the decisions about the sale for various							

products from species?							

Socioeconomic data

Family size

Please fill the number of members of the household by age and gender

age class	male	female	age classes	Male	female		Male	female
a)<6 months			b)6months-59 months			c)5-6yrs		
d)6-9 yrs			e)10-15 yrs			f)16-60 yrs		
g)>60 yrs			X	X	X	X	X	X

Land owned and cultivated (acre, cross out if not relevant)

Gender	a)owned	b) shared in	c) shared out	d) rented in	e). rented out	f) total cultivated
Husband						
Wife						
Joint						

Other owned, land use/ land cover (acre)

gender	a)fallow	b) waste land	c) grazing land	d) trees/forest	e). others	f) total non-cultivated
Husband						
Wife						
Joint						

Access, quality, quantity, and management of water resources (Put "X" if not relevant)

Item	Sources of water
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	Canals	Open well	Bore well	Khadin	taanka	naadi
a) privately owned (nr)						
b) communally owned(nr)						
e) who owns (male, female, joint)	m---f---j	m---f---j	m---f---j	m---f---j	m---f---j	m---f---j

Housing

Observe/Note the type of floor of household's main residence (Interviewer to observe) Earth floor=1, stone=2, cement=3, tile=4, wood=5, other (specify)	/___/
Observe/Note the type of wall of household's main residence (Interviewer to observe) Wood=1, earth wall=2, iron sheet=3, stone=4, other (specify)	/___/
Observe/ note the roofing material of household's main residence (Interviewer to observe) Straw/grass=1, iron sheet=2, tile=3, other (specify)	/___/
Do you have electricity in your house? No=0, Yes (from Power company)=1, Yes (from generator)=2	/___/
If no electricity, what is your main source of energy for the lighting of your house? Oil/paraffin=1, gas=2, solar=3, other (specify)	/___/

Ownership of consumer goods

Do any of the household members own any of the following items (Observe/Ask)

Bicycle	/___/	CD player	/___/	Business vehicle	/___/
Motorbike	/___/	Television	/___/	Paraffin stove	/___/
Car	/___/	Cell/mobile phone	/___/	Gas cooker	/___/
Radio	/___/	Refrigerator	/___/	Electricity	/___/

Household sources of income: Please indicate from which of these sources your household obtains a monetary income

Activities	who earns	% revenue	% time spent	trends 5 years Increase (1), decrease (2), no change(3)	activities	who earns	% revenue	% of time spent	trends 5 years Increase (1), decrease (2), no change(3)
a)crop main products	m/f/j				h)regular employment	m/f/j			inc-----dec
b)crop residues	m/f/j				i)business -self employed	m/f/j			inc-----dec
c)other feeds or forages	m/f/j				j)remittance	m/f/j			inc-----dec
d)livestock sale	m/f/j				k)others	m/f/j			inc-----dec
e)livestock products sell (e.g milk)	m/f/j						100%	100%	
f)agricultural labor	m/f/j								
g)other non agric-labor	m/f/j								

Market participation

foods, groceries, clothes, agricultural products, agricultural inputs, and animals

Which markets do you participate in/go to? For what purpose do you go to that market? Which means of transportation is used? What is		Market 1	Market 2	Market 3	Market 4
	Market name				
	Food	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/

<p>the distance between your village and the markets? How much time do you take to go to each market?</p> <p>What is the frequency of participation in each market? (how many times in 2 weeks)</p>	Groceries	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/
	Agricultural products	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/
	Agricultural inputs	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/
	Animals	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/
	Other (specify)	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/	Buy /___/ Sell /___/
	Mean of trans portation				
	Distance to market (Km)				
	Time (village to market)	/___/___/ Hrs Min	/___/___/ Hrs Min	/___/___/ Hrs Min	/___/___/ Hrs Min
	Freq (15days)				

Caste category, roles in the community

Caste category	yes/no	Roles in the community	yes/no
SC	yes/no	leadership role	yes/no
ST	yes/no	social activist (e.gender)	yes/no
BC	yes/no	environmental activist	yes/no
OC	yes/no		yes/no

Social networking

Group category	is there a group in your community	You or someone in your household participate in the group	who is active member of this group in the hh
agricultural/livestock/fisheries producers group, including marketing	yes/no	yes/no	m...f...j
water users group	yes/no	yes/no	m...f...j
forest users group	yes/no	yes/no	m...f...j
credit or microfinance group	yes/no	yes/no	m...f...j
mutual help/insurance group (including burial societies)	yes/no	yes/no	m...f...j
trade and business association	yes/no	yes/no	m...f...j
civic group(improving community or charitable group (helping others)	yes/no	yes/no	m...f...j
Local government	yes/no	yes/no	m...f...j
Religious group	yes/no	yes/no	m...f...j
self-help group	yes/no	yes/no	m...f...j
Village federation	yes/no	yes/no	m...f...j
Youths sanghams	yes/no	yes/no	m...f...j
connection with neighboring villagers	yes/no	yes/no	m...f...j
Others	yes/no	yes/no	m...f...j

Participation in government and non-government programs

Need to identify a list of government and non-government programs that provide households with food, cash, work, credit, etc. and ask whether household participated or not in each one. And revise.

Program	You or someone in your household participate in the program?
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no
	yes/no

House Food Security Assessment

<p>For reading to person who prepares the food:</p> <p><i>"For each of the following questions, consider the last 30 days. Please answer that it « never » happens, it happens « rarely » (just one or two times in the month), or « sometimes » (from time to time in the month) or « often » (almost every day)."</i></p>	
Questions	
<p>During the last 30 days, have you been worried about the fact that your household could miss food?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/ <u> </u> /</p> <p>/ <u> </u> /</p>
<p>During the last 30 days, has your household been unable to eat one or more foods usually consumed because of lack of food/money?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/ <u> </u> /</p> <p>/ <u> </u> /</p>
<p>During these last 30 last days, has your household been forced to eat the same food because of lack of preferred food or money to buy other foods?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/ <u> </u> /</p> <p>/ <u> </u> /</p>
<p>During these last 30 last days, has your household been forced to eat foods you usually avoid because of lack of preferred food or money?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/ <u> </u> /</p> <p>/ <u> </u> /</p>

<p>During these last 30 last days, has your household been forced to reduce the quantity of food usually consumed because of lack of food/money?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/__/</p> <p>/__/</p>
<p>During these last 30 last days, has your household lacked food because you did not have money to buy it?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/__/</p> <p>/__/</p>
<p>During these last 30 last days, did any member of your family go to bed without eating?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/__/</p> <p>/__/</p>
<p>During these last 30 last days, did any member of your family spend a whole day without eating because of lack of food?</p> <p>No=0, Yes=1; If yes, ask for frequency:</p> <p>Rarely (just 1-2 times)=3, Sometimes (3 - 10 times)=4, Often (more than 10 times)=5</p>	<p>/__/</p> <p>/__/</p>

Risk Attitudes

How would you describe yourself (choose only one)

I take risks even if nobody else has done it.....()

I take risks if I have seen others taken before me.....()

I never take risks, even if I have seen others doing ()

Which of the statements below best describes your attitude toward risk (choose only one)

One should be extremely careful about making changes in life ()

Caution is more important than risk-taking in order to be successful ()

It is difficult to answer ()

Risk-taking is more important than caution in order to be successful ()

You will never achieve anything in life unless you act boldly and take risks ()