

**People Biodiversity Register (PBR): General Details**

**Name of the Panchayat Samiti: Patti**

**Taluk: Vijaypur**

**District: Samba**

**State: J&K**

**Geographical Area of the Panchayat Samiti: 3.00 sqkm**

**Population under the Panchayat Samiti: Total 6000**

**Male : 3200**

**Female : 2800**

**Habitat and Topography:**

**Climate (Rainfall, Temperature and weather patterns)**

**Land Use (Nine fold classification available with village records) - Mostly Agriculture**

**Date, Month and Year of PBR Preparation**

**Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)**

**odiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by less than one third to be women and not less than 18% belonging to SC/ST)**

e Chairperson: Itee Shrma ( Sarpanch) (Gen)

ti P/o Rahya

ation: LLB

8

rpal Singh ( Member)

ti P/o Rahya

ation: Exserviceman

amta Rani ( Member) (SC)

ti P/o Rahya

ation: Housewife

ena Kumari , ( Panch ) (Ward No.2)

ti P/o Rahya

ation: Housewife

38

or Hussain (Member) (ST)

ti P/o Rahya

ation: Farmer

th Ram ( Member)

ti P/o Rahya

ation: Farmer

van Gupta ( Gram Sevak)

ation: Pyt secretary



## Annexure-2

### List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

1) Name : Nil

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Nil

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Nil

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

### Annexure 3

#### List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) Name of the Chairperson: Birbal Sharma

Age: 64 yrs

Gender: Male

Address: Patti

Area of specialization: Agriculture

2) Name :

Age:

Gender:

Address:

Area of specialization:

3) Name :

Age:

Gender:

Address:

Area of specialization:

4) Name :

Age:

Gender:

Address:

Area of specialization:

## Annexure 4

<b>Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR</b>
1) Contact Person: Rekha Rani (FMPHW)
Name and Address: Patti
2) Contact Person: Kiran Bala (FMPHW)
Name and Address: Patti
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:

**You may add names of more institution/ NGO / Individuals etc, if necessary**

**Annexure 5**

<b>Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing</b>					
<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

End of Part I

**Part II**  
**PBR - Formats**  
**AGROBIODIVERSITY**

**Format 1: Crop Plants**

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Wheat														
Bajra														
Makki														
Sarson														
Til														
Jawar														
Brinjal														
Tomato														
Carrot														
Radish														
Turnip														
Lady finger														
Turmeric														

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year - significant changes in ecology occurred - and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc. can be included in the column 8, in associated TK.



**Format 2: Fruit Plants**

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Woody	<i>Mangifera indica</i>	Amb	Wild, Dashehari,	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to	Record vailable in old books.	Sucking, table, processing	Own uses and sold in market	Popular in local population.
Tree			Malda, Amrapali,					August				
			Mallika, Langra,					Aug				
			Swarn Rekha,									
			Chausa, Fazli, Totapuri, Ramkila, Baramasim etc.									
Woody	<i>litchi chinensis</i>	Lychee	Dehradun, Calcutti, ( Local)	Sub-tropical	Good	Good	Layered plants.	March to	Introduced by traders and domesticated locally.	Table and processing	Own uses and sold in market	Popular in local population.
Tree			Seedless, Rose Scented					July				
Woody	<i>Pidium guajava</i>	Amrood	Wild, Allahbad,	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
Tree			Sardar, Lalit, Arka					August,				
			Amulaya, Sheveta, Punjab Pink					Dec. To January				
Climber	<i>Vitis vinifera</i>	Angoor	Wild, Perilet,	Sub-tropical	Good	Good	Cuttings	Feb. To	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
			Beauty Seedless					June				
Woody	<i>Emblica</i>	Amla	wild, Banarsi ( Abundant)	Sub-tropical	Abundant	Abundant	Seedling trees, grafted plants.	March to Nov.	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
Tree	<i>officinalis</i>		Neelam, NA 7.									
Woody	<i>Citrus sinensis</i>	Mosammi	Mosambi, Jaffa,	Sub-tropical	Good	Good	Grafted	March to Jan.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Tree			Red Blood				Plants					
Woody	<i>Citrus reticlata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted	March to Jan.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Tree							Plants					
Woody	<i>Citrus aurantifoli a</i>	Nimboo	Wild, Kagzi, Italian,	Sub-tropical	Good	Good	Grafted	March to Oct.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
Tree			Eureka				Plants					

Woody	<i>Citrus limon</i>	Galgal	Wild	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
Tree												
Woody	<i>Citrus medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
Tree												
Woody	<i>Citrus jambhiri</i>	Jamiri	Wild	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Record vailable in old books.	Processing, root stock	Own uses and sold in market	Popular in local population.
Tree												
Woody	<i>Citrus limetoides</i>	Mithoo	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Tree												
Tree							Plants					
Woody	<i>Zizyphus mauritiana</i>	Ber	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted	March to Nov.	Record vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.
Tree							Plants					
Woody	<i>Zizyphus jujuba</i>	Phowari Ber	Wild	Sub-tropical	Good	Good	Seedlings	March to Nov.	Record vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.
Tree												
Bush	<i>Grewia subinaequa</i>	Phalsa	Wild	Sub-tropical	Good	Good	Seedlings and Cuttings	March to	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
	<i>lis</i>							July				
Woody	<i>Syzygium cumini</i>	Jamun	Wild	Sub-tropical	Good	Good	Seedlings and Grafted	March to	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
Tree								July				
Woody	<i>Punica granatum</i>	Anar	Wild, Ganesh,	Sub-tropical	Good	Good	Cuttings	March to	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Tree			Kandhari,					July				
Woody	<i>Cordia myxa</i>	Lasooda	Wild	Sub-tropical	Good	Good	Seedlings	March to	Record vailable in old books.	Processing purposes	Own uses and sold in market	Popular in local population.
Tree								June				
Bush	<i>Carissa carandas</i>	Gerna	Wild	Sub-tropical	Good	Good	Seedlings	March to	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
								July				
Woody Tree	<i>Aegle marmalos</i>	Bill	Wild	Sub-tropical	Good	Good	Seedlings	March to	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Woody	<i>Prunus persica</i>	Aru	Wild, Sun Red,	Sub-tropical	Good	Good	Grafted	Feb. to	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Tree			Florida Sun				Plants	June				

**Format 3: Fodder Crops / Species**

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
		Makki								
		Jawar								
		Bajra								
		Javi								
		Charri								

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

**Format 4: Weeds**

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
		Maina										
		Congress butti										
		Dhoob										
		Sitti										

Other details may include how long the weeds have been suppressing/ adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc.

**Format 5: Pests of Crops**

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder

Other details may include possible reasons for insects/animal attack

**Format 6: Markets for Domesticated animals**

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**Note: (1) (D) - day ; (M) - month;**

**(2) Types of animals may include :** Poultry / Sheep / Goats/ Cattle / Ducks/ Pigs/ Donkeys/ Mules/ Horses/ Camels/ Others (Specify)

**Format 7: Peoplescape**

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Gen	Mostly service						Brahmins / Rajputs	Very Good		424
SC	Service / Agriculture						Bhagat, Ramdasia	Very Good		250
ST ( 2 families Bakkarwal seasonal)	Service / Agriculture						Gujjar / Teli	Very Good		24+2
										Total : 700

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandary, artisans, services examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water , mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc.

**Format 8: Landscape**

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Plains and mostly khad			plains		Private and state lands	Broad leaved mainly	Domestic animals wildlife such as porcupine etc.	Public, Private and Govt. also		Plantation and agriculture			

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements



### Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Ponds - 07 nos.	Seasonal Monsoon		Private and state land	kamal, Baryan,	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Streams	Seasonal Monsoon		Private land		snakes, snail,		public					
Tube well			Private land			Cattles, washing cloths, Drinking etc	public					
Dug wells ( Dry and closed)	Dry		Private			Cattles, washing cloths, irrigation, Drinking etc	public					
Canals			Private				public	Non Functional				
Hand pumps ( Govt)			Govt.			Cattles, washing cloths, Drinking etc	public					

Examples: Ponds, Streams, Rivers, Lake, Tubewell, Dug well etc.



### Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Woody	Amb	<i>Mangifera indica</i>	Local, Dashehari,	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August,	Sucking, table, processing	Record	Own uses	Popular in local population.
Tree			Malda, Amrapali,							vailable in old books.	and sold in market	
			Mallika, Langra, Swarn Rekha,									
			Chausa, Fazli, Totapuri, Ramkila, Baramasi.									
Woody Tree	Lychee	<i>litchi chinensis</i>	Dehradun, Calcutti, Seedless, Rose	Sub-tropical	Good	Good	Layered plants.	March to July	Table and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
			Scented									
Woody Tree	Amrood	<i>Pidium guajava</i>	Local, Allahbad,	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
			Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink									
			Local, Perilet,									
Climber	Angoor	<i>Vitis vinifera</i>	Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
Woody Tree	Amla	<i>Emblica</i>	Local, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Processing	Record	Own uses and sold in market	Popular in local population.
		<i>officinalis</i>								vailable in old books.		
Woody Tree	Sangtra	<i>Citrus reticlata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted	March to Jan.	Table and processing.	Record	Own uses and sold in market	Popular in local population.
							Plants			vailable in old books.		

Woody	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi,	Sub-tropical	Good	Good	Grafted	March to Oct.	Processing.	Record	Own uses and sold in market	Popular in local population.
Tree			Italian, Eureka				Plants			available in old books.		
Woody	Galgal	<i>Citrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted	March to Sept.	Processing.	Record	Own uses and sold in market	Popular in local population.
Tree							Plants			available in old books.		
Woody	Kimb	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record	Own uses and sold in market	Popular in local population.
Tree										available in old books.		
Woody	Mithoo	<i>Citrus limettoides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record	Own uses and sold in market	Popular in local population.
Tree										available in old books.		
Woody	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted	March to Nov.	Table purposes	Record	Own uses and sold in market	Popular in local population.
Tree							Plants			available in old books.		
Woody	Phowari	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record	Own uses and sold in market	Popular in local population.
Tree	Ber									available in old books.		
Woody	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to	Processing	Record	Own uses and sold in market	Popular in local population.
Tree								July		available in old books.		
Woody	Anar	<i>Punica granatum</i>	Local, Ganesh,	Sub-tropical	Good	Good	Cuttings	March to	Table purposes and processing	Record	Own uses and sold in market	Popular in local population.
Tree			Kandhari,					July		available in old books.		
Woody	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Processing purposes	Record	Own uses and sold in market	Popular in local population.
Tree								June		available in old books.		
Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Table purposes and processing	Record	Own uses and sold in market	Popular in local population.
							July	available in old books.				
Woody	Bill	<i>Aegle marmalos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Table purposes and processing	Record	Own uses and sold in market	Popular in local population.
Tree								July		available in old books.		

**Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)**

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herbs	Tarad	<i>Dioscorea belophylla</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Temperate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adha toda vesica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Angle mermelos</i>		Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community

Tree	Drankh	<i>Melia azedarach</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mangoo	<i>Mangifera Indica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	<i>Albizia lebbek</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Talli	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Amla	<i>Amblica officinales</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Neem	<i>Azadiracta indica</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
tree	Khair	<i>Accacia catechu</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Cannabis sativum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community

Note: Uses: Food/Veterinary Medicine/ Human Medicine (Sub - divisions like for children, women etc.) / Agricultural Purpose ( Bio - pesticide )

Other details: Propagation methods , / Harvesting period, / Cultivated or collected from wild or both , / Perennial / annual / seasonal.



**Format 14: Timber Plants / Trees**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Trees	Kiker	<i>Acacia Nilotica</i>	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Mangoo	<i>Mangifera Indica</i>	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	own	nil	nil	Generally, held by community
Trees	Safeda	<i>Eucalyptus spp.</i>	Lower shiwalik	Rare	Rare	Wild	commercial	nil	nil	Generally, held by community
Trees	Sree	<i>Albizzia lebbeck</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Talli	<i>Dalbergia sissoo</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Jammun	<i>Syzygium cumini</i>	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community



### Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Cow	Ghan	<i>Bosindicus</i>	ND	low yield	Back yard	constant	constant	Milk		No	Milk	all
Jersey Ghan	Jersey Ghan	<i>Bosiaurus</i>	CB jersey	Dished face	Back yard	few	increased	Milk		yes	Milk	all
	Austrilian Ghan	<i>Bostaurus</i>	CB HF	B/W spotted	Back yard	few	increased	Milk		yes	Milk	all
Buffalo	Manj	<i>Busales bubalis</i>	local	low yield	Back yard	abundant	decreased	Milk		No	Milk	Gujjar community
Horse	Ghora	<i>Equees caballus</i>	local	red coloured body	Back yard	abundant	decreased	pack purpose		No	pack	all
Poultry	Bioller	<i>Galus</i>	hybrid	white in color	Back yard	very few	increased	meat	3	yes	meat	all
Dog	Kutta	<i>Canis familiaries</i>	local	Nil	stray	abundant	abundant	Nil	-	No	No	stray
Goat												
Sheep												
Cat												

Uses include milk, skin, fur and etc.

**Format 16: Culture Fisheries**

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Indian Major Carps	Catla	<i>Catla catla</i>	IMC	Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc.



**WILD BIODIVERSITY**  
**Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.**

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits		Medicinal use	Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown		Self observed
Tree	Kakoa	<i>Flacourtia indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed
Shrubs	Garna	<i>Carissa spinarum</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes		Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Kodh	<i>Aloe barbadensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Lucenia	<i>Leucaena spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Sarri	<i>Albezzia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Thub / Dudhruk	<i>Erythrina spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kral	<i>Bauhinia variegata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed

Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Behra	<i>Terminalia bellirica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Draink	<i>Melia azedarach</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood			Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	lasura	<i>Cordia myxa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	kassod	<i>Senna siamea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Shrubs	BRANKED	<i>Justicia adhatoda</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed

### Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
	Phulai or Fly	<i>Acacia modesta</i>	Wild	Social and Economic	Available
	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
	Kala Siris	<i>Albizia lebbek</i>	Wild	Social and Economic	Available
	Kramblu	<i>Albizia odoratissima</i>	Wild	Social and Economic	Available
	Safed siris	<i>Albizia procera</i>	Wild	Social and Economic	Available
	Kuad Gandal	<i>Aloe barbadensis</i>	Wild	Social and Economic	Available
	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
	Bamboo	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
	Kachnar	<i>Bauhinia purpurea</i>	Wild	Social and Economic	Available
	Baloonger	<i>Bauhinia vahlii</i>	Wild	Social and Economic	Available
	Kachnar	<i>Bauhinia variegata</i>	Wild	Social and Economic	Available
	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
	Barna	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
	Deela	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available
	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available

	Fagora	<i>Ficus palmata</i>	Wild	Social and Economic	Available
	Badh or Pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
	Chameli	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
	Panjphuli	<i>Lantana camara</i>	Wild	Social and Economic	Available
	Aam	<i>Mangifera indica</i>	Wild	Social and Economic	Available
	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
	Congress Grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
	Kai	<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
	Kezun grass	<i>Setaria sphacelata</i>	Wild	Social and Economic	Available
	Ban tamakoo	<i>Solanum erianthum</i>	Wild	Social and Economic	Available
	Jamun	<i>Syzygium cumini</i>	Wild	Social and Economic	Available
	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
	Bahera	<i>Terminalia bellirica</i>	Wild	Social and Economic	Available
	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
	Dhain	<i>Woodfordia fruticosa</i>	Wild	Social and Economic	Available
	Jojera	<i>Xanthium strumarium</i>	Wild	Social and Economic	Available
	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available
	Ber	<i>Ziziphus jujuba</i>	Wild	Social and Economic	Available
	kangi		Wild	Social and Economic	Available

	mankarahan		Wild	Social and Economic	Available
	Amity		Wild	Social and Economic	Available
	Banhadma		Wild	Social and Economic	Available
	Gangara		Wild	Social and Economic	Available
	Kavita		Wild	Social and Economic	Available
	Balugar		Wild	Social and Economic	Available
	Chuindi		Wild	Social and Economic	Available
	Doss/sanan		Wild	Social and Economic	Available
	Khini		Wild	Social and Economic	Available
	Kral		Wild	Social and Economic	Available
	Lana		Wild	Social and Economic	Available
	Dhaman		Wild	Social and Economic	Available
	Charmod		Wild	Social and Economic	Available
	Badh		Wild	Social and Economic	Available
	Behra		Wild	Social and Economic	Available
	Bilan		Wild	Social and Economic	Available
	Gandila		Wild	Social and Economic	Available
	Gulmorh		Wild	Social and Economic	Available
	Oanni		Wild	Social and Economic	Available
	Rumble		Wild	Social and Economic	Available
	Draink		Wild	Social and Economic	Available
	Harad		Wild	Social and Economic	Available
	Amb		Wild	Social and Economic	Available
	Soyanjana		Wild	Social and Economic	Available
	Tunnu		Wild	Social and Economic	Available
	Neem		Wild	Social and Economic	Available
	Plakh		Wild	Social and Economic	Available
	Rehn		Wild	Social and Economic	Available
	chamar sama		Wild	Social and Economic	Available
	lasura		Wild	Social and Economic	Available
	kassod		Wild	Social and Economic	Available
	tantary		Wild	Social and Economic	Available
	BRANKED		Wild	Social and Economic	Available
	KHAR		Wild	Social and Economic	Available
	Sagwan		Wild	Social and Economic	Available
	Imlı		Wild	Social and Economic	Available



**Format 20: Aquatic Biodiversity**

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				
Kamal	<i>Mallotus philippensis</i>									

Other details may include mode of catching fish, time of availability, breeding time , etc.



**Format 22: Wild Plants of Medicinal Importance**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-tropical	Available	Available					
Tree	Phulai or Fly	<i>Acacia modesta</i>	Wild	Sub-tropical	Available	Available					
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Available	Available					
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinarum</i>	Wild	Sub-tropical	Available	Available					
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Available	Available					
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Available	Available					
Herbs	Khas Khas	<i>Chrysopogon zizanioides</i>	Wild	Sub-tropical	Available	Available					
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-tropical	Available	Available					
Tree	Toot	<i>Morus alba</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-tropical	Available	Available					
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Available	Available					

Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-tropical	Available	Available					
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-tropical	Available	Available					
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-tropical	Available	Available					
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Available	Available					

Note: Uses: Food/Veterinary Medicine/ Human Medicine ( Sub-divisions like for children, women etc)/ Agricultural purpose ( bio -pesticide)

**Format 23: Wild relatives of Crops**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Chaleri Saag	<i>Amaranthus viridis</i>		Sub-tropical	Available	Available					
Jangli Putna										

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant.

**Format 24: Ornamental Plants**

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Kachnar	<i>Bauhinia purpurea</i>	Wild	Forest/ Roadside	Both			
Gulmohar	<i>Delonix regia</i>	Wild	Forest/ Roadside	Non-commercial			
Plah		Wild	Forest/ Roadside	Non-commercial			
Amaltas		Wild	Forest/ Roadside	Non-commercial			
Raat Ki Rani		Wild	Forest/ Roadside	Non-commercial			
Bougan Villa		Wild	Forest/ Roadside	Non-commercial			
Acacia Galaka		Wild	Forest/ Roadside	Non-commercial			
Wild Rose		Wild	Forest/ Roadside	Non-commercial			
Gandilla		Wild	Forest/ Roadside	Non-commercial			
Simble		Wild	Forest/ Roadside	Non-commercial			
Thub / Dudhruk	<i>Erythrina spp.</i>	Wild	Forest/ Roadside	Non-commercial			
Siris		Wild	Forest/ Roadside	Non-commercial			
Kadam		Wild	Forest/ Roadside	Non-commercial			













**Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)**

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Rabbit	khargosh		Forest area	-	All	-	-	-	-	-	-	-
Crow	kaa		tree	-	All	-	-	-	-	-	-	-
Pigeon	kabotar		tree	-	All	-	-	-	-	-	-	-
Peacock	mor		tree	-	All	-	-	-	-	-	-	-
Monkey	bander		tree	-	All	-	-	-	-	-	-	-
snakes	sap		Forest area	-	raining	-	-	-	-	-	-	-
Lizard	Kirli		Forest area	-	All	-	-	-	-	-	-	-
Mongoose	neol		Forest area	-	All	-	-	-	-	-	-	-
Cat				-	All	-	-	-	-	-	-	-
Dog				-	All	-	-	-	-	-	-	-

**Format 29 : Flora**

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	kikar	<i>Acacia Nilotica</i>	Broad leave	sub tropical	summer	Common
2	Mangoo	<i>Mangifera Indica</i>	Broad leave	sub tropical	summer	Common
3	Safeda	<i>Eucalyptus spp.</i>	Broad leave	sub tropical	summer	Common
4	Sree	<i>Albizzia lebbeck</i>	Broad leave	sub tropical	summer	Common
5	Talli	<i>Dalbergia sissoo</i>	Broad leave	sub tropical	summer	Common
6	Popular	<i>Populus ciliata</i>	Broad leave	sub tropical	summer	Common
7	Jammun	<i>Syzgium cummni</i>	Broad leave	sub tropical	summer	Common

**Note:** Separate format should be used for road side plantation / parks and Gardens / Housing estate / Commercial buildings / other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial ( land ) habitat

**Format 30: Fauna**

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
	khargosh		Mammals	Forest area	
	kaa		Bird	tree	
	kabotar		Bird	tree	
	mor		Bird	tree	
	bander		Mammals	tree	
	sap		Reptile	Forest area	
	Kirli		Reptile	Forest area	
	neol		Reptile	Forest area	

**Note:** Separate format should be used for road side plantation / parks and Gardens / Housing estate / Commercial buildings / other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial ( land ) habitat

<b>Format 31: Any other information of local importance</b>		
<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>
	Nil	

End of Part II