People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Jandyal Lower
Taluk: Mathwar
District: Jammu
State: J&K UT
Geographical Area of the Panchayat Samiti: 240.54 Hac.
Population under the Panchayat Samiti: 4290
Male: 55% Female: 45%
Habitat and Topography: Particallt Plain & Kandy Area
Climate (Rainfall, Temperature and weather patterns):
Land Use (Nine fold classification available with village records): Agriculture, Farming & Other Purposes
Date, Month and Year of PBR Preparation:
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management

Annex

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated local body; not less than one third to be women and not less than 18% belonging to SC/ST)

1)Name of the Chairperson: Anjali Sharma

Age: 29 years

Gender: Female

Address: Agore Jandyal Lower

Area of specialization: Sarpanch

2) Name: Primila Devi

Age: 29 years

Gender: Female

Address: Agore W.No.2

Area of specialization: Beauty Plaoura

3) Name:- Jyoti Sharma

Age: 37 years

Gender: Female

Address: Agore W.No.1

Area of specialization: H/W

4)Name: Babu Ram

Age: 62 years

Gender: Male

Address: Agore

Area of specialization: Retired Person / Farmer

5)Name: Beli Ram

Age: 70 years

Gender: Male

Address: Jandyal Lower

Area of specialization:

6)Name: Mohd. Rafaq

Age: 50 years

Gender: Male

Address: JKF Agore

Area of specialization: Employee / ForestDepartment

7)Name: Rajesh Dutta

Age: 37 years

Gender: Male

Address: Pyt. Secy. Jandyal Lower

Area of specialization: Pnchayat Secretary

An
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biologics occurring within the jurisdiction of the village
1)Name:
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:
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:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexur
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name: Balak Ram Sharma
Age: 85 Years
Gender: Male
Address: Aagore Gulari
Area of specialization: Agriculture
2) Name: Gopal Dass Sharma
Age: 65 Years
Gender: Male
Address: Aagore Moh. Koliyan
Area of specialization: Agriculture
3)Name: Dr. S.N Khajuria
Age: 78 Years
Gender: Male
Address: Aagore
Area of specialization: Retired Medical Officer (Medicinal Plants)
4)Name: Omkar Singh
Age: 58 Years
Gender: Male
Address: Jandiyal Thati
Area of specialization: Tecaher

	Aı
De th	etails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals e preparation of the PBR
1)	Contact Person:
	Name and Address: Nasib Singh S/o Tori Singh R/o Seri Panditan
2)	Contact Person:
	Name and Address: Raminder Khajuria & Aagore (9419105307)
3)	Contact Person:
	Name and Address: Anjali Sharma & Aagore, Chak Singa (8493838834)
4)	Contact Person:
	Name and Address:
Yo	ou may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5

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

S.No	Name and address of the Person/Institute/company others	Local and Scientific Na material Accessed		Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
		Local Name	Scientific Name			
1	Timber Mercahnsts	Wood (Tuni, Talli etc.)	Toona ciliata, Dalbergia sissoo			
2	Brick Killen	Wood				
3	Local Merchant	Rice	Oryza sativa			
4	Poultry Men	Maize	Zea Mays			

Part II PBR – Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14
			D			Local	status						G 6	G 11 /
Crop	Scientfic Name	Local Name	Description of the variety	Landscape / Habitat	Approx. Area sown(ha)	Past	Present	Special features	Uses	Associated TK	Other details	Cropping Season	Source of Seeds / Plants	Commununity / Known. Holder
Rice	Oryza sativa	Dhan/ Munji	B-370(Fine & Long duration)	Planes / Low		Normal	Normal	Basmati 370 is world wise known for its aroma	Food & Fodder	Provides energy fragrance	-	Kharif (May to October)		Farmers
			Basmati 1121/(Coarse K39 K434 Rattana & Long duration	laying Areas		Normal	Normal	Medium tall Coarse Grains	rodder	and taste		to October)		
			PDM-54			Normal	Rare	Medium						
Moong	Moong Vigna radiata		SML-668	Hot / Humid of Sub tropical		Normal	Rare	High yielding Variety	Food	Source of Vegetable	Also suitable for green Manuring	Summer/ Kharif	Farmers / Department/ Privaate	Farmers
			region Normal		Rare	Excessive vegetative growth		Protein			Suppliers			

Mash	Vigna mungo	Mhaa -	PU-19	Warm / Humid of Sub tropical	Normal	Normal	High yielding Variety	Food	Source of Vegetable	_	Summer/	Farmers / Department/	Farmers
Iviasii	v igna mungo	ivinaa	Utra	region	Normal	Normal	Variety	Pood	Protein	-	Kharif	Privaate Suppliers	Fainters
Bajra	Pennisetum	Bajra	Local Variety	Warm / Humid	Normal	Normal	Tall & low	Food &	Source of	_	Kharif (May	Farmers / Department/	Farmers
Бајга	americanum	Dajia	MHB-110	Sandy loam Soil	Normal	Normal	Yielding variety	Fodder	Energy	-	to October)	Privaate Suppliers	Fainters
Wheat	Triticum aestivum	Kanak	HD2967,PBW64 4	Cool Climate during early part of its growth	Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Brea d making	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Chick-pea	Cicer arietinum	Chana	GNG-469/C 235	Cool & dry	Normal	Normal	High yielding Variety	Food	Source of Protein/Ener gy	Improve soil fertility	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Peas	Pisum sativum	Matar	Rachna	Cool & dry	Normal	Normal	Early maturing &High yielding	Food	Source of Protein/Ener gy	Used as Vegetable	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Onion	Allium cepa	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas	Normal	Normal	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate Suppliers	
Mustard	Brassica juncea	Sarson	Pusa Bold/ KOS - 1	Cool & dry	Normal	Normal	Matures in 145- 150 days with 40- 42 % oil content	oil for Food	Source of energy i	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Gobhi Sarson	Brassica napus	Gobhi Saria	GSL-1,DGS-1 ,Local	Cool & dry	Normal	Abundant	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy i,calciam,cop per,potassiu m	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Potato	Solamum tuberosum	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual,requirs cool weather,mostly rainfed conditions	Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable,chi ps etc	-	High carbohydrate, provide high n energy value	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Toria	Brassica jrape cv.Toria	Toria	RSPT-1,RSPT- 2,Local var.	Cool & dry with bright sunshine	Normal	Normal	Short durationAnnual Herb	oil for prepration of Food	Source of energy i,calciam,cop per,potassiu m	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Privaate Suppliers	Farmers

Sesame	Sesamum indicum	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region	Normal	Normal	Medium Yielding	Food	Source of Vegetable oil	Religiuos and medicinal value	June - Oct.	Farmers / Department/ Privaate Suppliers	Farmers
Sugarcane	Saccharum officinarum	Ganna	COJ-64,COJ-81	Sub Tropical	Rare	Rare	Long duration crop for Nine months	Food	Source of energy in the shape of Gur/Sugar	Sugar cane Juice used as prefered drink for instant source of energy during summer besides beating heat	Spring season	Farmers / Department/ Privaate Suppliers	Farmers
Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions	Normal	Normal	Pungency and flavor	Used as spice ,medici anal value	-	Contains good ammount of vitamin A&C	winter season	Farmers / Department/ Privaate Suppliers	Farmers
Tomato	Solanum lycopersicum	Tamater	Pusa rubi,Pusa early dwarf, Manisha Plus/local	Warm season crop	Abundant	Abundant	Stems are woody and weak, and tend to vine over other types of plants.	Used as vegetable ,sa lad, soup,Souce	rich source of Ascorbic acid	Tomatoes ar e also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Okra	Abelmoschus esculentus	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropicall vegetablHot and humid climate	Abundant	Abundant	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dieta fibers,protein and carbohydrates ry	Summer/	Farmers / Department/ Privaate Suppliers	Farmers

Cucumber	Cucumis sativus	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tropi cal,Sub tropical &temprate	Abundant	Abundant	Limbing annual bearing elongated thick cylendrical fruit	Mainly used as salad	-	It also used asantipyretic and causing cooling effect	Summer/ Kharif	Farmers / Department/ Privaate Suppliers	Farmers
Bottle gourd	Lagenaria siceraria	Lokki	PSPL/Punjab Long	Summer &rainy season crop	Abundant	Abundant	Vines vigrous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/ kharif	Farmers / Department/ Privaate Suppliers	Farmers
Bitter gourd	Momordica charantia	karela	Pusa Domausmi/Kund an	Warm and Humid climate	Normal	Normal	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/ kharif	Farmers / Department/ Privaate Suppliers	Farmers
Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/loam y soil	Normal	Normal	Tender green pods are used as vegetable	Mainly vegetable	shape of	High vale protein,Vitami neB1,B2 <b6 and Maganese</b6 	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
Cauliflower	Brassica oleracae var.botrytis	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate	Abundant	Abundant	White and tender head ,curdformed from shortened flower part	Curd Mainly used as vegetable		Also good sourse of protein,carboh ydrate,phasph orus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate	Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,sal ad	-	Also good sourse of protein,carboh ydrate,phasph orus& iron		Farmers / Department/ Privaate Suppliers	Farmers
Knol khol	Brassica oleracae var.gongyloides	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical	Abundant	Abundant	Swollen stem ,grren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Spanich	Beta vulgaris	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Normal	Normal	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable		Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Radish	Raphanus sativus	Mulli	Japanes White Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	Abundant	Abundant	Tender green leaves &roots used as Vegetable	Modified Roots are used as Vegetabke & Salad	-	Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Carrot	Daucus carota	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite	Rare	Rare	Modified Root is eatable	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	-	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Turnip	Brassica rapa	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&interme dite	Abundant	Abundant		Root is used as Vegetable ,Salad,.	Good source of Vit.C,Diatry Fiber &Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Brocolli/ Chinese Cabbage / Capsicum etc.	Brassica oleracea var. italica/ Brassica rapa subsp. Pekinensis/ Capsicum spp.		Prevelent Hybrid varieties	Cool &moist climate/sub tropical&interme dite	Rare	Rare	All Plants Carts and Fruits are eadable Ric Source of antioxidents	Salad and Vegetable	Ric Source of Multivitimins, Minierals and Antioxidents	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Format-2	Format-2 : Fruit Plants													
1	2	3	4	5	(6	7	8	9	10	11	12		
					Local	Status	Source of	Season of	Associated		Other Details	Community		
Plant	Scientific Name	Local Name	Variety	Landscape /Habitat	Past	Present	Seeds / Plants	fruiting	TK	Uses	markt / own use	/Knowledge Holder		
Tree	Mangifera indica	Mango			Abundant	Abundant	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Psidium guajava	Guava			Abundant	Abundant	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Citrus spp.	Citrus Fruits			Abundant	Abundant	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Morus spp.	Mulberry			Abundant	Abundant	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Litchi chinensis	Litchi			Rare	Rare	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Vitis vinifera	Grapes			Normal	Normal	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Ziziphus mauritiana lamk	Ber			Normal	Normal	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Punica granatum	Pomegranate			Rare	Rare	Nursery / Self purchase					Romu (Raminder Khajuria)		
Tree	Prunus persica	Peach			Normal	Normal	Nursery / Self purchase					Romu (Raminder Khajuria)		
												Romu (Raminder Khajuria)		
												Romu (Raminder Khajuria)		

Format 3:	-Fodder Cro	ops / Species											
1	2	3	4	5	6	7		8	9	10	11	12	13
G.N.	DI 4	Scientific		т. 1.	Area	Landscape/	Local	Status	B 441	A LITTER	Other	Sources of	Community Kn.
S. No.	Plant	Name	Local Name	Habit	(Approx.)Rabi/ Kharif	Habitat	Past	Present	Part Used	Associated TK	details(mode of use)	Seeds and Plants	Holders
1	Barseem	Trifolium alexandrium	Chhatala	Annual	8030	Sub Humid & moderately cool	Abundant	Abundant	Entire Plant	Nutritious & palatable fodder, Source of energy for animals	Fodder	Farmers / Department/ Privaate	Farmers
2	Oats	Avena spp.	Javi	Annual		Cool & moist climate	Abundant	Abundant	Above ground part of plant	Nutritious & palatable fodder,	Fodder	Suppliers	Farmers
3	Sorghum	Sorghum spp.	cherri	Annual		Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Fodder	Farmers / Department/	Farmers
4	Maize	Zea mays	Makki	Annual	6840	Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Food & fodder	Privaate Suppliers	Farmers
5	Bajra	Pennisetium americanum	Bajra	Annual	0040	Warm & humid	Abundant	Normal	Above ground part of plant	Source of energy	Food & fodder	Farmers / Department/	Farmers
6	Cowpea	Vigna unguiculata	Rongi	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Kharif Legume with high protein	Fodder	Privaate Suppliers	Farmers

Format-4	: Weeds												
1	2	3	4	5	6	7		8	9	10	11	12	13
						Landscape/	Loca	l Status		Management			Community Kn.
S. No.	Plant	Scientific Name	Local Name	Affected Crop	Habit	Habitat	Past	Present	Uses if any	options	Associated TK	Other details	Holders
1	Pig Weed	Amaranthus virdis	Jangli Choulai	Rice, Maize & sugarcane	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein & amino acid	Also Used as medicinal herb	Farmers
2	Lamb's quarters	Chenopodium album	Bathua/ Kanah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein,Vit. A, Calcium, Phosporous & potash	Annual feed & fermentation of Beverages	Farmers
3	Nut Grass	Cyprus rotundus		Paddy,maize,su garcane,vegetab le	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
4	Barnyard Grass	Echinochloa crusgalli	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
5	Carrot grass	Parthenum hysterophorus	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Abnoxious weed difficult to manage		Farmers
6	Bur Clover	Medicago denticulata	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	Normal	Fodder,vegetable & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
7	Canary Grass	Phalaris minor	Sitti/gilli danda	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Abundant	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Agri. Land	Farmers

8	Meadow Pea	Lathyrus aphaca	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers
9	Canada Thistle	Cirsuim arvense	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
10	Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
11	Nilibuti	Ageratum conyzoides	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
12	Dub Grass	Cynodon dactylon	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Abudant	Fooder	Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
13	Wild oats	Avena fatua	Jangli Javi	Oats	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
14	Wild Rice	Echinochloa colonum	Swanki	Paddy	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
15	Jhonson Grass	Sorghum helepense	Beru grass	Sorghum	Perinneal	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers

Format-	Format-5: Pests of Crops													
1	2	3	4		5	6	7	8	9	10				
Host	Insect /Animals	Scientific Name	Local Name	Habit	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder				
	Mustard aphid	Lipaphis erysimi	aphid	Sucking pest	Attacks mustard & other cucurbit crops	Dec-March	Timely sowing of crop & Chemical, Biological & Mechanical	-	Major threat to oil seed crops of Rabi	Farmers				
	Termite	Microtermis obesi	Telle	Chewing & bitting	Wheat & other crops	Nov-May	Cultural & Chemical measures	-	Major threat to unirrigated crops	Farmers				
	Blister beetle	Mylabris spp.	Ghori	Chewing & bitting	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical& Chemical measures	-	Insectivorous feed on grasshopper	Farmers				
	Cereal leaf Beetle	Oulema melanopus		Chewing & bitting	Attacks Maize	Aug-Sep	Chemical measures	-	Most recent occurrence	Farmers				
	Red Pumpkin Beetle	Raphidopalpa foveicellis	Lal Kaddu Beetle	Chewing & bitting	Cucurbits	March-Oct	Chemical measures	-	Most common in fields of Cucurbits	Farmers				
	Cucurbits fruit fly	Bactrocera cucurbitae	Melon fly	Chewing & bitting	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	-	Danger to all cucumber crops	Farmers				

Maize stem Borer	Chilo partellus	Sundi /Tana- shedak	Chewing & bitting	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical& Chemical measures	1	Causes dead hearts in young plants	Farmers
Grasshopper	Hieroglyphus nigropletus	Tidi	Maize and Paddy	Maize, Paddy, Jojr Bajra	July to sept	Mechanical& Chemical measures	-	Eats leaves	Farmers
Rice Gandi Bug	Leptocorzia varcornis	Gandi Bug	Paddy	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	-	Pierce the grains at miliking stage	Farmers
Army worm	Spodoptera Frugiperda	Caterpiller	All Crops	Defoliaties Major crops	Through the year	Mechanical& Chemical measures	-	Defoliates all crops	Farmers
Leaf Floder	Cnaphalocrocis meddialis	Ctter Pillers	Feeds on leavs abd stem	Attacts on Paddy Leaves	June to Oct.	Mechanical& Chemical measures	-	Major threats	Farmers
Stem Borer	Tryporza incrtules	Tana shedat/ Catter pillers	Bores into stem results into dead heart	Crops Plants	June to Oct.	Mechanical& Chemical measures	-	Major threats	Farmers
Cut worm	Agrotis ipsilon	Ludi	Cuts stem and leaves	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	-	Major threats	Farmers
White Fly	Aleyrodidae spp.		Suks the shap of plants	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	-	Major threats	Farmers

	Field rats	Ratus meltada	Chouha	Nocturnal in habit	Attacks all crops	Throughout the year	Mechanical& Chemical measures	-	Lives in burrows opening hidden in bushes	Farmers
	Monkey	Rhesus macaque	Bander	Attacks agriculture crops	Forest & human habitat	Throughout the year	Traps & chemosterlization	-	Cause extensive damage to almost all crops,attacks humans	general public/ Farmers

Format 6: Mai	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						
Mathwar Akhnoor (Unorganized market)	Weekly	Sheep & Goats	4 tooth and above, 10 approx	Mathwar	Jammu District									

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												
2	3	4	5	6	7	8	9	10	11			
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			
25%-Service, 50% Agriculture, 5% Business, 20% Labourer	Cultivation	Semi Hilly	Wheat	Agriculture Equipement with modern technique	Time to Time practice given by expert	Nil	Middle Class	-	750			
			Maize									
			Bajra									
	Families & Major occupation 25%-Service, 50% Agriculture, 5% Business, 20%	Families & Major occupation 25%-Service, 50% Agriculture, 5% Business, 20% Cultivation	2 3 4 Families & Major occupation Sub-occupation Depending Landscape 25%-Service, 50% Agriculture, 5% Business, 20% Cultivation Semi Hilly	Families & Major occupation Sub-occupation Sub-occupation Depending Landscape Major resources accessed and seasons of access 25%-Service, 50% Agriculture, 5% Business, 20% Labourer Cultivation Semi Hilly Wheat Maize	Families & Major occupation Sub-occupation Depending Landscape Major resources accessed and seasons of access Landscape management practices 25%-Service, 50% Agriculture, 5% Business, 20% Labourer Cultivation Semi Hilly Wheat Maize	Families & Major occupation Sub-occupation Depending Landscape Landscape management practices Semi Hilly Wheat Agriculture Equipement with modern technique Major resources accessed and seasons of access Agriculture Equipement with modern technique Time to Time practice given by expert	Families & Major occupation Sub-occupation Depending Landscape Landscape accessed and seasons of access Landscape management practices Parcial Landscape management practices Agriculture, 5% Business, 20% Labourer Cultivation Semi Hilly Major resources accessed and seasons of access Agriculture Equipement with modern technique Major resources management practices Time to Time practice given by expert Nil Maize	2 3 4 5 6 7 8 9 Families & Major occupation Sub-occupation Depending Landscape Landscape Landscape accessed and seasons of access Paricites Landscape management practices Cast / Tribe Condition 25%-Service, 50% Agriculture, 5% Business, 20% Labourer Maize Major resources accessed and seasons of access Paricites Practices Time to Time practice given by expert Nil Middle Class	Families & Major occupation Sub-occupation Depending Landscape Agriculture, 5% Business, 20% Labourer Major resources accessed and seasons of access Agriculture Equipement with modern technique Major resources accessed and seasons of access Agriculture Equipement with modern technique Time to Time practice given by expert Nil Middle Class - Middle Class - Major resources accessed and seasons of access Mature of inhabitants Middle Class - Middle Class - Major resources accessed and seasons of access Major resources accessed and seasons of access Major resources management practices Time to Time practice given by expert Nil Middle Class - Maize			

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, 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: L	mat 8: Landscape 1 2 3 4 5 6 7 8 9 10 11 12													
	1		2	3	4	5	6	7	8	9	10	11	12	
Major L	andsca	pes	Sub -	Features and					Managamant		Associated		Community	
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	accessed	
Plains &	Plains & Kandi areas		Plains	Hilly as wellas	Forest land,Private ,stat e lands,	Broad leaved mainly	Domestic animals, wildlife such as porcupine, jackal etc.	Public,as well as pvt,and Govt also		Plantation and agriculture				
			Hillocks	Plain terrain with gentle slope	Forest land,Private ,stat e lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	Public,as well as pvt,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: V	ormat-9: Waterscape													
1	2	3	4	5	6	7	8	9	10	11	12	13		
Waterscape	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed		
(06) Ponds			Govt. land	Kamal,Baryan,	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, etc	Public							
(02) Tube well			Govt. land		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public							
Canals			Govt. Irrigation Department		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public							

Format-1	Format-10: Soil Type													
1	2	3	4	5	6	7	8	9	10					
S.No.	Soil	Туре	Colour	Features	Soil management	Plants/Crop Suitable	Flora and Fauna	Associated TK	Other Information					
1	Sandy Loam	Туре В	Soft Dark	Large particle size,Water drains Rapedily	Add compost,humus, Green Manuring, Decomposed manure etc improves soil quality for better plant growth	Beans, Tomato, Potato, Cucumber, onion, eggplants, carrot, Spinach etc.	Succulants like cacti, Lambs ear, etc.	-	Genrally not suitable for plants which need lot of water					
2	Clay Loam	Туре А	Light yellow to raddish colour	Small particles size,Texture dense and compact, retains water and nutrition	Provide good drainage, add organic manure in the form of compost or humus	Plants/Crop Suitable	Ornamental Plants/ grasses, plants with evergreen leaves,colourful Berries	-	Soil is good for wild varieties of crops, however drainage is a problem					

Format 11:	Format 11: Fruit Trees												
1	2	3	4	6		7	8	9	10	11	12	13	
Plant	Local Name	Scientific Name	Variety	Landscape	Loca	l Status	Source of Seeds /	Season of	Associated	Uses	Other Details	Community	
T Mant	Local Tame	Selentine Fame	variety	/Habitat	Past	Present	Plants	fruiting	TK	Oses	markt / own use	/Knowledge Holder	
Tree	Litchi	Litchi chinensis	Calcutta Dehradun	plains	plenty	plenty	Nurseries	June- August		fruit	Marketing		
Tree	Amrood	Psidium guajava	Local, Allahabadi, Safaida	plains lower hills	plenty	plenty	Nurseries	June- August		fruit	Marketing, own use		
Tree	Aam	Mangifera indica	Desi, Dushari , Malta	Plains	plenty	plenty	Nurseries	June- August		Fruit,Picking, Preserves	Marketing, own use		
Tree	Khatti, Mosambi, santra, Nimbu,	Citrus spp.	Local,Kagzi lime, Italian limeHill lemon etc	plains,mid hills	plenty	plenty	Nurseries	throughout year		Fruit, picking Squashes etc.	Marketing, own use		
Tree	Angoor	Vitis vinifera	Local Dakh perlette	plains mid hills	rare	nil	Nurseries	June- August		fruit			
Tree	Ambla	Phylianthus emblica	local selection NA-7	Plains mid hills	plenty	plenty	Nurseries local collection	Nov- Dec.		picking, fruit juices	Marketing, own use		
Tree	Ber	Zizyphus mauritiana lamk	Gola Banarasi	Plains	plenty	plenty	local raised	July- August		fruit	Own use		

rare

Syzygium cumini

local selection

plains

rare

Tree

Jamun

Nurseries, local

raised

July- August

fruit

Own use

Tree	Anar, Druni	Punicia granatum	Ganesh, Kandhari local	plains	rare	rare	Nurseries, local raised, wild	May- August	fruit, anardana	Own use	
Tree	Aaroo	Prunus persica (L) Batsch	July Elberta, quetta	plains mid hills	rare	plenty	Nurseries	June-July	fruit	Marketing, own use	
Tree	Gernay	Carissa carandas	local	plains/hills	rare	rare	Nurseries, wild	June-August	fruit	Marketing,own use	
Tree	Papita	Carica papaya	local	plains	rare	plenty	Nurseries, locally raised	August- October	fruit	own use	

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

1	2	3	4	5	5	•	6	7	8	9	10	11	12
						Local	Status	Source of	Season of			Other details	Community/ Know.
Plant Type	Local Name	Scientific Name	Variety	Landscap	e/ Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	market/own use	holder
Herbs	Dudlu	Taraxacum officinale		Temperate area	Temperate area	Rare	Rare	Root			N.A	N.A	Generally, held by community
Herbs	Tarad	Dioscorea belophylla		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Herbs	Jungli putna	Mentha arvensis		Lower shiwalik/Temp erate area	Lower shiwalik/Temp erate area	Abundant	Abundant	Root			N.A	N.A	Generally, held by community
Shrubs	Brankad	Adhatoda vesica		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Kadi Patta	Murraya koenigii		Sub-Tropical area	Sub-Tropical area	Rare	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Dussa	Colebrookia oppositifolia		Lower shiwalik	Lower shiwalik	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	Euphorbia royleana		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Bareyan	Acorus calamus		Lower shiwalik	Lower shiwalik	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativa		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Amla	Phyllanthus emblica		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community

Tree	Bair	Ziziphus xylocarpa	:	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Bheda	Terminalia bellerica		Lower shiwalik	Lower shiwalik	Rare	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Bill-Patre	Aegle mermelos	Su	ub-Tropical area	Sub-Tropical area	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Drankh	Melia azadirach		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Harad	Terminalia chebula		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Jaman	Syzygium cumini		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	Pistacia khinjuk		Lower shiwalik	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Karal	Bauhinia variegata	:	Lower shiwalik	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Khair	Acacia catechu		Lower shiwalik	Lower shiwalik	Normal	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Kringal	Casia fistula	:	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Lusada	Cordia dichotoma	:	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Mangoo	Mangifera indica		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa		Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community

Tree	Sree	Albizia lebbeck	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Kumbal	Ficus auriculata	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Amla	Amblica officinales	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Neem	Azadirecta indica	Lower shiwalik	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
tree	Khair	Accacia catechu	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativa	Lower shiwalik	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Tree	Kringal	Casia fistula	1	Flower Fruit	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Gandera	Nerium oleander	ī	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Thub	Erythrina indica	1	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Badah	Salix alba	1	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Climber	Kareer	Rosa acicularis	1	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
	Marigold	Tagetes spp.							

Format 14	Format 14: Timber Plants / Trees													
1	2	3	4		5	6	7	8	9	10				
Plant Type	Local Name	Scientific Name	Habitat	Loca	l status	Wild/ home-	Other uses	Associated	Other details	Community/ Know.				
Frant Type	Local Name	Scientific Ivame	Habitat	Past	Present	garden	(multi)	TK	Other details	holder				
Tree	Kiker	Acacia nilotica	Lower shiwalik	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	Own	Nil	Nil	Generally, held by community				
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundant	Wild	Commercial	Nil	Nil	Generally, held by community				
Tree	Sree	Albizia lebbeck	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Popular	Populus ciliata	Lower shiwalik	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Jammun	Syzygium cumini	Lower shiwalik	Rare	Abundant	Wild	Own	Nil	Nil	Generally, held by community				

Format 15	Format 15: Domesticated Animals													
1	2	3	4	5	6	7	7	8	9	10	11	12		
						Local	Status				Other details			
Animal Type	Local Name	Scientific Name	Breed (local/ hybrid)	Features	Method of keeping	Past	Present	Uses	Associated TK	Commercial rearing	including products and Services	Community Know.Holders		
	Gau	Bos indicus	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All		
Cattle	Jersy Gau	Bos taurus	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All		
	Amrecan Gau	Bos taurus	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All		
Buffalo	Manj	Bubalus bubalis	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All		
Bullato	Punjabi Mais	Bubalus bubalis	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All		
Horse	Ghoda	Equus caballus	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All		

	Chakore	Alectoris chukar	Local	black and white stripes ,beak is short, strong, and orange in color	Backyard	few	Decrease	Egg,meat	Nil	Yes	Egg, Meat	All
	Parrot	Psittaciformes spp.	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
	Pigeon	Columbidae livia	Local	white color, fast growing	Backyard	few	Decrease	decorative	Nil	No	nil	All
Dog	Kutta	Canis familaries	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil	No	Nil	All / stray
	Goat	Capra aegagrus hirus				Rare	Rara	pet	Nil	No	Nil	All / stray
	Sheep	Ovis aries				Rare	Rara	Pet	Nil	No	Nil	All / wild

Format	ormat 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/T		l status	Uses	Associated TK	Commercial	Other details	Community Know.	
Fish Type	Local Name	Scientific Name	variety	reatures	alao)	Past	Present	Uses	Associated 1 K	Rearing	Other details	Holders	
	Rohu	Labeo rohita	Indian Major Carp	Large Silver coloured fish, arched head	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	25%	
	Catla	Catla catla	Indian Major Carp	large & broad head,grey scales,protruding lower jaw	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	25%	
Carp	Mrigal	Cirrhinus mrigala	Indian Major Carp	cycloid scales, mouth broad ,pharyngel teeth in 3 rows	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	25%	
	Grass carp	Ctenopharyngodon idella	Exortic Carp	Wide & scaleless head,terminal mouth,protracted upper jaw	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	25%	

	Common Carp	Cyprinus carpio	Exortic Carp	Have long dorsal fin,have small barbels,mouth opens in an accordion like fashion	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	25%
Minor Carp	Mooree	Channa spp.	Local	Snakehead fish, Air Breathing Fish	Pond	Available	Available	Own & Commercial use	Used as food as source of protein	-	-	25%
winor Carp	Sole	Channa marulius	Local	Snakehead fish, Air Breathing Fish	Pond	Available	Available	Own & Commercial use	Used as food as source of protein	-	-	25%

1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

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	Part collected	Associated TK	Other	Community Knowledge
Trant Type	Local Ivalic	Scientific (Valle	Habit	Habitat	Past	Present	use	Tart concetcu	Associated TK	details	Holder
Tree	Shisham	Dalbergia sisoo	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-
Tree	Khair	Acacia catechu	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Katha	-	-
Tree	Amla	Emblica officinalis	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	Food processing	1	-
Tree	Siris	Albizia lebbeck	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	1	-
Tree	Lecunia	Leucaena lencocephala	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	1	-
Tree	Simbal	Bombax cebia	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	1	-
Tree	Kamila	Mallotus philippensis	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Krangal	Cassia fistula	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Ber	Ziziphus jujuba	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	1	-
Tree	Plash	Butea monosperma	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-

Tree	Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Santha	Dodonaea viscosa	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Amb	Mangifera indica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Tree	Kiker	Acacia nilotica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Safeda	Eucalyptus spp.	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Bel	Aegle marmelos	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves/ Fruit	-	-	-
Tree	kakoa	Flacourtia indica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Grass	Bamboo	Dendrocalamus strictus	Grass	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Sticks	-	-	-
Herbs	Bhang	Cannabis sativa	herbs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves	-	-	-
Shrub	Jojra	Pupalia lappacea	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	-	-	-	-
Shrub	Garna	Carissa spinarum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Shrub	Panjphuli	Lantana camara	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	-	-	-	-
Shrub	Gandila	Nerium indicum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Flower	-	-	-

Herbs	congress Grass	Parthenium hysterophrous	herbs	Northern/Sub- Tropical	Good	Moderate	_	-	-	-	-
Tree	Badh	Ficus religiosa	Tree	Northern/Sub- Tropical	Good	Moderate	_		-	-	-
Tree	Phulai	Acacia modesta	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Climber	Tarad	Dioscorea belophylla	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Roots			
Climber	Jungli bitter melon	Momordica charantia	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit			
Climber	Striped cucumber	Diplocyclos palmatus	Climber	Northern/Sub- Tropical	Good	Moderate	-				

Forma	t 19: Wild Plant Species of	Importance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic, social, cultural etc.)	Status
1	Santha	Dodonaea viscosa	Shrub	Firewood	Good
2	Kanner/Lal Gandila	Nerium indicum	Shrub		Good
3	Daduni	Punica grantum	Shrub	Live Hedge fencing	Good
4	Brenker	Adhatoda vasica	Shrub	-	Good
5	Bhang	Cannabis sativa	Shrub	Medicinal	Good
6	Aakh	Ipomea carnea	Shrub	Soil binder	Good
7	pansar	Wendlandia heynei	Shrub	Firewood	Good

F	ormat	20:	Aq	uatic	Biodiversity
-	or mu	-0.	1 14	unuic	Diodiversity

1	2	3	4	5		6	7	8	9	10
	G · J·m	\$7	E 4	п.12.4	Local	Status	T.	A . A LITEIZ	04 14 3	Community
Local name	Scientific name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	knowledge holder
Mahaseer	Tor putitora	Local, Migratory	Big Head, Small Barbels, Golden Scales	River Chenab	Available	Available	Own & Commercial use	Used as food as source of protein	-	60%
Churru, Alwaan, Khont	Schizothorax	Local, Migratory	Cylindrical body with short blunt upper jaw, ray-finned fish	River Chenab	Available	Available	Own & Commercial use	Used as food as source of protein	-	60%

Format	ormat 21: Wild Aquatic Plant Species of Importance											
1	2	3	4	5	6							
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends							
	No Aquatic weed found in this panchayat											

Format 22: W	Format 22: Wild Plants of Medicinal Importance													
1	2	3	4	5		6	7	8	9	10	11			
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/	Local	status	Associated TK	Uses	Part used	Other details	c.knowledge			
shrub,tree)	Local Ivallie	Scientific Name	variety	habitat	Past	Present	Associated 1 K	Uses	r art useu	market/own use	holder			
Tree	Sukchain	Pongamia pinnata	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark	-				
Tree	Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Fruit /seeds	-				
Tree	Amla	Emblica officinalis	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark/ Fruit	-				
Tree	Harad	Terminalia chebula	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark/ Fruit	-				
Tree	Behra	Terminalia bellirica	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark/ Fruit	-				

Format 23:	Wild relative	s of Crops								
1	2	3	4		5	6	7	8	9	10
Local	Scientific	Associated area	Landscape / Habitat	Loca	al Status	Uses	Part	Associated	Other details	Community / Know
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	TK	Other details	holder

Format 24: O	rnamental 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
Bougainvillea	Bougainvillea glabra	Shrub	Northern/ Sub-Tropical	-	-	-	-
Gulmohar	Delonix regia	Tree	Northern/ Sub-Tropical	-	-	-	-
Gandila	Nerium indicum	Shrub	Northern/ Sub-Tropical	-	-	-	-
Panjtara	Tara spinosa	Shrub	Northern/ Sub-Tropical	-	-	-	-

1	2	3	4	5	5 6		7	8	9	10	11
Plant	Local Name	Scientific Name	Variate	Habitat	Local	status		Part used	Ass.TK	Other details	Community knowledg
(herb,shrub,Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	uses	rart used	Ass.1K	Other details	holder
Herb	Wild tulsi	Ocimum sanctum		Moist soil	Abudant	Abudant	Medicinal	Leaves	-	-	-
Herb	Pudina	Mentha spp.		Homestead, agricultural land	Abudant	Abudant	Spice	Leaves	-	-	-
Tree	Curry tree	Murraya koenigli		moist forest and agricultral land	Abudant	Abudant	Spice	Leaves	-	-	-

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other uses, if any	Associated Tk	Any other detail	Community knowledge
Local Name	Scientific Ivanic	Habitat	Past	Present	Other uses, if any	Associated 1K	Any other detail	holder
Safeda	Eucalyptus spp.	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Simbal	Bombax ceiba	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Tunu	Cidrela toona	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	Syzygium cumini	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Chir	Pinus roxburghii	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Shisham	Dalbergia sisoo	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Ber	Ziziphus jujuba	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sagwan	Tectona grandis	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-

1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Loca	l Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder
7.1				Past	Present	(if any)	(if any)			Holder

ormat 27 B:	Coastal and M	Jarine Fauna								
1	2	3	4	5		6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts collected	Commercial Uses	Other Uses	Associated TK	Community/
Animal Type	Local Name	Scientific Name	парна	Past	Present	(if any)	(if any)	Other Uses	Associated 1K	Community/ Knowledge Holder

1	2	3	4	5	6	7	7	8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	status	uses if any	Ass. TK	Other	Community/ Knowledge
Animal Type	Local Name	Scientific Name	навітат	Description	seen	Past	Present	uses if any	Ass. 1K	details	Holder
wild insects	Grasshooper	Parallelus spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	ı	1	
wild insects	Butterfly	Chorthippus brunneus	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
wild insects	Bees	Apis mellifera	Northern/ Sub- Tropical	-	-	Good	Good	-	ı	1	
wild insects	Ants	Brachymyrmex patagonicus	Northern/ Sub- Tropical	-	-	Good	Good	-	ı	1	
Wild Animal	Leopad	Panthera pardus	Northern/ Sub- Tropical	-	Winter	Rare	Rare	-	-	-	
Wild Animal	Squirrels	Sciuridae spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Boar	Sus scofra	Northern/ Sub- Tropical	-	-	Good	Good	-	1	-	
Wild Animal	Indian Hare	lepus nigricollis	Northern/ Sub- Tropical	-	-	Good	Good	-	ı	1	
Wild Animal	Monkey	Cercopithecidae	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Wild Bird	Red jungle fowl	Gallus gallus	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	

Wild bird	Rose ringed parakeet	Psittaculidae spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Fox	Vulpes spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Porcupine	Erethizon dorsatum	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
wild insects	Bumble bee	Bombus spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Amphibia	Frog	Euphlyctis cyanophlyctis	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Reptiles	Tortoises	Testudinidae spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	1	-	
Reptiles	Snake	Serpentes	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Reptiles	Monitor lizard	Varanus spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Mangoose	Herpestidae spp.	Northern/ Sub- Tropical	-	-	Abundant	Abundant	-	-	-	

	Format 29: F	lora	URBAN BIODIVERSITY							
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	Vachellia nilotica	Broad leave	Sub tropical	Summer	Common				
2	Mangoo	Mangifera indica	Broad leave	Sub tropical	Summer	Common				
3	Safeda	Eucalyptus spp.	Broad leave	Sub tropical	Summer	Common				
4	Sree	Albizia lebbeck	Broad leave	Sub tropical	Summer	Common				
5	Talli	Dalbergia sissoo	Broad leave	Sub tropical	Summer	Common				
7	Popular	Populus ciliata	Broad leave	Sub tropical	Summer	Common				
9	Jammun	Syzygium cumini	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.)
1	Sheep	Ovis aries	Mammels	Terrestrial	Common
2	Cow	Bos taurus	Mammels	Terrestrial	Common
3	Buffalow	Bubalus spp.	Mammels	Terrestrial	Common
4	Goat	Capra aegagrus hircus	Mammels	Terrestrial	Common
5	Sparrow	Passeridae spp.	Birds	Terrestrial	Common

Format 31: Any other information of local importance 2 3 1 Sr. No. Information of local importance Remarks Trifala:- Amla + Bheda + Harad for constipation & eyes sight & skin diseases 1 Pathar jat:- For Kidney Stone 2 Brahmi:- For Brain 3 Kronkal Jadi:- Kalvatra & tonsil cure 4 Anab:- For cold & cough 5 Gathered information from Dr. S.N Khajuria (7051104649) Gil / Gluchi:- Immunity Booster 6 Vitrus leaves:-For Vitamin C deficiency, constipation 7 Kandraya / Kandyari:- Hiccup 8 9 Kakmachi / Teelka:- For Jaundice (Fruit used)