People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: RANGPUR MULANA
Taluk: Suchetgarh
District:Jammu
State/UT: J&K
Geographical Area of the Panchayat Samiti: Plain (352.89HECTRES)
Population under the Panchayat Samiti:2743
Male 1462 FEMAILE - 1281
Habitat and Topography: main land
Climate (Rainfall, Temperature and weather patterns): AVERAGE
Land Use (Nine fold classification available with village records) Agriculture
Date, Month and Year of PBR Preparation: 03/03/2021
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM) nil

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

1) Name of the Chairperson: pushpa devi
Age: 50
Gender: female
Address: R/o kotli mirdian
Area of specialization: Panchayati raj
2) Name: sunita devi
<b>Age:</b> 45
Gender: female
Address: R/orangpur
Area of specialization:
3) Name: Namer ramesh
Age: 45
Gender: Female
Address: R/o.40
Area of specialization:
4) Name: Ram lal
Age: 53 yrs
Gender: Male
Address: R/orangpur
Area of specialization:
5) Name: Jasbir singh
Age: 40 Years
Gender: Male
Address: R/orangpur
Area of specialization:
6) Name: Mohan lal
Age: 42 Years
Gender: Male
Address: R/orangpur
Area of specialization: Agriculture

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name: Dayal Singh S/O Lal Chand
Age: 60 years
Gender: Male
Address: Rangpur Malana
Area of specialization: Health Care (Balchara / Hairfall / Chetra)
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name: Tilak Raj
Age:
Gender: Male
Address: Pindi
Area of specialization: Hairfall
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3) Name: Sham Lal Wife s/o Diwaan chand
Age: 52
Gender: Male
Address:
Area of specialization: Heal Burns
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson: Rashpal Chand
<b>Age:</b> 48
Gender: Male
Address: Rangpur Malana
Area of specialization: Forestry (vegetable/ flowering)
2) Name of the Chairperson: Joginder Lal
Age: 65 years
Gender: Male
Address: Rangpur Malana
Area of specialization: Forestry
3) Name of the Chairperson: Jodiner Lal
Age: 58 years
Gender: Male
Address: Rangpur Malana
Area of specialization: Agriculture (Farming)
4) Name of the Chairperson: Ashok Kumar
Age: 48 years
Gender: Male
Address: Rangpur Malana
Area of specialization: Agriculture (Farming)

	Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
1)	Contact Person:
	Name and Address:
2)	Contact Person:
	Name and Address:
3)	Contact Person:r/o
	Name and Address:
4)	Contact Person:
	Name and Address:
	You may add names of more institutions/NGO/Individuals etc, if necessary

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 Name of the biological material Accessed and quantity	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
	-	-	-	-	-

Forest dept. Safeda , Agriculture - Seeds (Crops, Vegetables)

End of Part I

### **Format 1: Crop Plants**

S.No	Crop	Scientfic Name	Local Name	Description of	Landscape /	Approx. Area	Loca	l status	Special	Uses	Associated TK	Other details	Cropping	Source of Seeds /	Commununity /
5.110	Стор	Scientific Ivanic	Local Ivame	the variety	Habitat	sown(ha)	Past	Present	features	Uses	Associated TK	Other details	Season	Plants	Known. Holder
				B-370(Fine & Long duration)	-Planes / Low		Normal	Normal	Basmati 370 is world wise known for its aroma	Food &	Provides energy		Kharif (May to	Farmers / Department/ Privaate Suppliers	
1	Rice	Oryza sativa	Dhan/ Munji	Basmati 1121/(Coarse K39 K434 Rattana & Long duration	laying Areas		Normal	Normal	Medium tall Coarse Grains	Fodder	fragrance and taste	-	October)		Farmers
2	Wheat	Triticum aestivum	Kanak	HD2967,PBW6 44	Cool Climate during early part of its growth		Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Bread making	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
3	Peas	Pisum sativum	Matar	Rachna	Cool & dry		Normal	Normal	Early maturing &High yielding	Food	Source of Protein/Energy	Used as Vegetable	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
4	Onion	Allium cepa	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas		Abundant	Abundant	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate Suppliers	
5	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	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
6	Gobhi Sarson	Brassica apus	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,coppe r,potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
7	Linseed	Linum usitatissimum	Alsi	LC 54	Cool & dry		Normal	Normal	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal,indus trial & domestic use	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

8	Potato	Solamum tuberosum	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual,requir s cool weather,most ly 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,pr ovide high n energy value	Kaul	Farmers / Department/ Privaate Suppliers	Farmers
9	Toria	Brassica jrape cv.Toria	Toria	RSPT-1,RSPT- 2,Local var.	Cool & dry with bright sunshine	Normal	Normal	Short durationAnnua l Herb	oil for prepration of Food	Source of energy i,calciam,coppe r,potassium	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Privaate Suppliers	Farmers
10	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
11	Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,gro ws well warm humid conditions	Abundant	Abundant	Pungency and flavor	Used as spice ,medici anal value	-	Contains good ammount of vitamin A&C	winter season	Farmers / Department/ Privaate Suppliers	Farmers
12	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.	lad,	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	. Rabi	Farmers / Department/ Privaate Suppliers	Farmers
13	Okra	Avenmoschus 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 carbohydratesry	Summer/Kharif	Farmers / Department/ Privaate Suppliers	Farmers
14	Cucumber	Cucumis sativus	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tr opical,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
15	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

16	Bitter gourd	Momordica charantia	karela	Pusa Domausmi/Kun dan	Warm and Humid climate	Abundant	Abundant	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/kharif	Farmers / Department/ Privaate Suppliers	Farmers
17	Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/l oamy soil	Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,Vitamin eB1,B2 <b6 and<br="">Maganese</b6>	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
18	Cauliflower	Brassica oleracae var.botrytis	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediat e	Abundant	Abundant	White and tender head ,curdfor med from shortened flower part	Curd Mainly used as vegetable	-	Also good sourse of protein,carbohy drate,phasphoru s& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
19	Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediat e	Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,sal ad	-	Also good sourse of protein,carbohy drate,phasphoru s& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
20	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
21	Spanich	Beta vulgaris	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Abundant	Abundant	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
22	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
23	Carrot	Daucus carota	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite	Abundant	Abundant	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
24	Turnip	Brassica rapa	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&inte rmedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable ,Salad,.	-	Good source of Vit.C,Diatry Fiber &Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

#### **Format 2: Fruit Plants**

1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Loc	al Status	Source of Seeds/Plants	Season of	Associated TK	Uses	Other details market /	Community /
Tant	Scientific Ivanic	Local Ivallic	variety	Habitat	Past	Present	Source of Secusificants	Fruiting	Associated TK	Oscs	own use	Knowledge holder
Mango	Magifera indica	Aam										
Guava	Psidium guajava	Amrud										
Jamun	Syzygium cumini	Jamun										
Lokaat	Prunus sp.	Lokaat										
Grapes	Vitis vinifera	Angoor										

### Format 3: Fodder Crops / Species

1	2	3	4	:	5	6	7	8	9	10
	Scientific	Local	Landscape /	Local	Status		Associated	Part		Community / Knowledge
Plant	Name	Name	Habitat	Past	Present	Source of Plants / Seeds	TK	Used	Other details	holder
Barseem	Trifolium alexandrinum	Chhatala	Annual	Abundant	Abundant	Farmers / Department/ Privaate	Nutritious & palatable fodder, Source of energy for animals	Entire Plant	Fodder	Farmers
Oats	Avena sativa	Javi	Annual	Abundant	Abundant	Suppliers	Nutritious & palatable fodder,	Above ground part of plant	Fodder	Farmers
Sorghum	Sorghum spp.	cherri	Annual	Abundant	Abundant	Farmers / Department/ Privaate	Source of energy	Above ground part of plant	Fodder	Farmers
Maize	Zea mays	Makki	Annual	Abundant	Abundant	Suppliers	Source of energy	Above ground part of plant	Food & fodder	Farmers

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 04 Weeds

1	2	3	4	5	6	7	8	3	9	10	11	12	13
C N-	Dlama	Scientific Name	LandMana	Affected	11.1.24	Landscape/	Local	Status		Management	Associated	041	Community
S. No	Plant	Scientific Name	Local Name	Crop	Habit	Habitat	Past	Present	Uses if any	options	TK	Other details	Kn. 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 rotandus	Dilla/Motha	Paddy,maize ,sugarcane,v egetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
4	Barnyard Grass	Achinocloa 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 sativa	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers

#### Format-5

#### Pest of Crops

Serial No.	PBR ID	Host	Animal	Scientific name	Local Name	Landscape/ Habitat	Time Attack	Management	Associated TK	Other Details	Community	Images
1		Mango	Insects	Amritous atkinsoni	Tella	Field/orchard	Feb-April	Pestcide Prunning	Discourge HDP			
2		Mango	Insects	Drosicha magiferae	Mealey Bug	Orchard	Feb Onwards	Pesticide, Basin Making	Hand Picking			
3		Citus	Insects	Paapilio ledmoteus	Caterpillar	Orchard/Field	April- May & Aug Oct.	Pesticides, Other Cultural Methods	Smoking Bagging Dispose Off			
4		Citus	Insects	Euodocina fullonia	Sucking Moth	Orchard/Field	Maturity Stage	Pesticides Orchard Sanitization				
5		Guava	Insects	Drosophilla melanogaster	Fruit Fly	Orchard/Field	Maturity Stage	Pesticides, Fruit Fly trape				
6		Ambla	Insects	Phyllanthus emblica	Gall Maker	Orchard/Field	Feb Onwards	Pesticides Prunning	Destroy infected Shoots			

#### 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

Farming > Labouring > Private > Govt.

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
SC, OBC, OC, Population 2652	Agriculture dariry labour	Labour	Agri landscape dairy	Water milk	Satsifying different needs water traditinal approch	Satisfied	Mix	Average	Average	523

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: Landscape

	1		2	3	4	5	6	7	8	9	10	11	12
Maj	jor Landsca	apes		Feature s and				User	Managama nt			Other	
Agricultur al land	Pon d	Fallo w land	Sub - Landscapes	approx. area	Ownershi p	General flora	General fauna	groups	Manageme nt practices	General uses	Associated TK	details	Community accessed
	Plains		Plains AREA	flat sweeping landmass with small change in elevation	Private and State lands	Broad leaved mainly Tali, Phagari, Beri, Plah, Jamun, Aamb, Amla, Kikar,Bodr,Drenk	Public as well as Pvt. And Govt. also						

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			Govt.					Dried - Damaged				
Streams												
Canals			Govt.								2 canals	
Tubewell			Govt.								2 tubewells	

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

# Format 10 Soil Type Block Suchetgarh Panchayat Rangpur Mullana (District Jammu)

S.N	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: Fruit Trees

1	2	3	4	6			7	8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape	/ Habitat	Loca	al Status	Source of	Season of	Uses (usage)	Associated	Other details market/own	Community/
J P -			,			Past	Present	plant/seeds	Fruiting	Casa (assigs)	TK	use	Know. holder
Mango	Aam	Mangifera indica	Desi, Dusheri, Malta	Alternate Bearing	Plains	Plenty	Plenty	Nurseries	Jun-Aug	Fruit, Pickle, Preserves		Marketing, Own Use	
Citrus Fruit	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	Citrus spp.	Local Selection, Kagzi Lime etc.	Tree, Regular Bearing	Plains, mid hills	Plenty	Plenty	Nurseries	Through Out Year	Fruit, Pickle, Squashes etc		Marketing, Own Use	
Guava	Amrood	Psidium guajava	Local, L49 etc.	Tree, Regular Bearing	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug	Fruit		Marketing, Own Use	
Grapes	Angoor	Vitis vinifera	Local Dakh, Perlette	Vine, Regular Bearing	Plains, Mid Hills	Rare	Plenty	Nurseries	Jul - Aug	Fruit			
Aonla	Ambla	Phyllanthus emblica	Local Selection, NA-7	Tree, Regular Bearing	Plains	Plenty	Plenty	Nurseries, Local Collections	Nov Dec	Pickling Preserve etc		Marketing, Own Use	
Ber	Ber	Ziziphus mauritiana lamk	Gola, Varanasi	Tree, Regular Bearing	Plains	Plenty	Plenty	Local	Jul - Aug	Fruit		Own Use	
Jamun	Jamun	Syzygium cumini	Local Selection	Tree, Regular Bearing	Plains	Rare	Rare	Nurseries, Local Raised	Jul - Aug	Fruit		Own Use	
Pomegranate	Anaar, Druni	Punica granatum	Ganesh, Kandhari, Local	Tree, Regular Bearing, Shrub	Plains, Mid hills	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana		Own Use	
Peach	Aaroo	Prunus persica	July Elberta, Quetta	Tree, Regular Bearing	Plains, mid hills	Rare	Plenty	Nurseries	Jun - Jul	Fruit		Marketing, Own Use	

				Format 1	2: Medicinal Pla	nts (Her	bs, Shrubs, I	Trees etc.)				
1	2	3	4	5	6		7	8	9	10	11	12
Dlant Tyme	Local Name	Scientific Name	Variate	Landscape/ Habitat	Sauvas of plant/goods		cal status	Uses (veegs)	Part	Associated	Other details market/own	Community/ Know.
гант туре	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Past	Present	Uses (usage)	used	TK	use	Holders
Herbs	Jungli putna	Mentha arvensis		Lower Shiwalik/Temp crate area	Stem/Seed	Abundant	Abundant	Medicinal	Leaves	N.A	N.A	Generally held by community
Herbs	Bhang	Cannabis sativa		Lower Shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves	N.A	N.A	Generally held by community
Herbs	Drainked	Murraya koenigii		Sub-Tropical area	Seed	Rare	medicinal & spice	Medicinal	Leaves	N.A	N.A	Generally held by community
Tree	Draink	Melia azadirach		Lower shiwalik	Seed	Abundant	medicinal & spice	Medicinal	Leaves	N.A	N.A	Generally held by community
Tree	Tali	Dalbergia sissoo		Lower shiwalik	Seed	Abundant	medicinal & spice	Timber & Fodder	Stem	N.A	N.A	Generally held by community
Tree	Jamun	Syzygium cumini		Lower shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves/ Fruit	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 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	Krangal	Casia fistula		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Shrub	Gandela	Nerium oleander		Cuttings	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Satpati	Alstonia scholaris		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Bottle brush	Callistemom citrinus		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Climber	Booganbel	Bougainvillea glabra		Cuttings	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Ashoka	Saraca asoca				N.A	N.A	N.A	Generally, held by community
Tree	Palm trees	Arecaceae				N.A	N.A	N.A	Generally, held by community

1	2	3	4		5	6	7	8	9	10
				Loca	l status	Wild/ home-	Other	Associated		Community/ Know
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	TK	Other details	Community/ Know. holder
	Sree	Albizia lebbeck								
	Tali	Dalbergia sissoo								
	Safeeda	Eucalyptus spp.								
	Popular	Populas spp.								
	Jamun	Syzygium cumini								
	Tunu	Toona ciliata								
	Plah	Butea monosperma								
	Kikar	Acacia nilotica								

#### **Format 15: Domesticated Animals**

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Nama	Scientific Name	Breed (local/	Features	Method of keeping	sta	ocal itus	Uses	Associated TK	Committee	Other details including	Community Know. Holders
Annai Type	Local Name	Scientific Name	hybrid)	reatures	Method of Reeping	Past	Present	Uses	Associated 1K	rearing	products and services	Holders
Animal	Cow	Bos taurus										
Animal	Horse	Equus caballus										
Animal	Dog	Canis lupus familiaris										
Bird	Pigeon	Columbidae livia										

1						

Uses include milk, meat, skin, fur and etc

#### **Format 16: Culture Fisheries**

1	2	3	4	5	6		7	8	9	10	11	12
		a		_	Waterscape (pond/bheri/tala	Local	l status			Commercial		Community Know.
Fish Type	Local Name	Scientific Name	Variety	Features	(pond/bheri/tala o)	Past	Present	Uses	Associated TK	rearing	Other details	Community Know. Holders

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

### Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products

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

# 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	Loc	al status	Commercial / own	Part collected	Associated	Other	Community Knowledge	
Thank Type	Local I tallic	Sciencine 1 (unic	114010	Table	Past	Present	use	Turt conceed	TK	details	Holder	
Tree	Tali	Dalbergia sisoo	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-	
Tree	Amb	Mangifera indica	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Fruit	-	-	-	
Tree	Kiker	Acacia nilotica	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-	

# **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
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	Bankhar	Adhatoda vasica	Shrub		Good
5	Aak	Ipomoea carnea	Shrub		
6	Daduni	Punica granatum	Shrub		
7	Bhang	Cannabis sativa	Shrub		
8	Bana	Vitex negundo	Shrub		
9	Jojra	Pupalia lappacea	Shrub		
10	Kai	Saccharum spontaneum	Shrub		
11	Thor	Euphorbia royleana	Shrub		

# Format 20: Aquatic Biodiversity

1	2	3	4	5	6	7	8	9	10
	G • (40° N	*7	F	<b>T</b>	Local Status	Uses			Community/
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Associated TK	Other details	Community/ Knowledge Holder
Ferns									
Water cress									
Aak	Ipomoea carnea								

# Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
SI.No	Local Name	Scientifice Name	Variety	Importance	Trends
1	Aak	Ipomea carnea			
2	Kumudene	Nymphoides indica			
3					

# Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	(	6	7	8	9	10	11
Plant		Q 4			Local	Status	Associated	Uses		Other details	Community/
(Herb,Shrub,Tree)	Local Name	Scientific Name	Variety	Landscape/Habitat	Past	Present	TK	(usage)	Part used	market/own use	Knowledge Holder
Tree	Amla	Emblica officinalis		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Jamun	Syzygium cumini		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Ber	Ziziphus jujuba		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Kikar	Acacia nilotica		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Bark & Pods	-	-
Tree	Dhrenk	Melia azadirach		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Seeds & Leaves	-	-
Tree	Neem	Azadirachata indica		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	-
Shurb	Dhatura	Datura stramonium		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-

# Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape/		ıl Status	Uses (usage)	Part Used	Associated	Other details	Community/Know
			Habitat	Past	Present	. 37		TK		holder
Jangli palak	Chenopodium album									
Javi	Avena fatua									
Jungli Matar	Pisum sativum L. subsp									
Bathua										
Shonchal										
Maina										

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
Lal Gandila	Nerium oleander	Shrub	Farm land	-	-	-	-
Kaneer	Thevetia peruviana	Tree	Farm land	-	-	-	-
Bougainvillea	Bougainvillea glabra	Shrub	Farm land	-	-	-	-
Gulmohar	Delonix regia	Tree	Farm land	-	-	-	-
Karal	Bahunia purpurea	Tree	Farm land	-	-	-	-

# Format 25: Fumigate/Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,Shrub,	Local Name	Scientific Name	Variety	Habitat	Local	Status	Uses (Usage)	Part used	Associated TK	Other details(mode of	Community /Knowledge holder
Tree)					Past	Present			1 K	use)	/Knowledge noider
Herb	Pudina	Mentha arvensis		Farm lands	good	Abundant	Spice	leaves			
Herb	Horioh	Brassica campestris		Farm lands	good	Abundant	Spice	Seeds			

**Format 26: Timber Plants** 

1	2	3		4	5	6	7	8
Local Name	Local Status Local Name Scientific Name Habitat Ot		Other Uses ,if any	Associated TK	Other Details	Community		
			Past	Present	,			/Knowledge holder
Shisham	Dalbergia sissoo	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Ber	Ziziphus jujuba	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	Syzygium cumini	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Taman	Grewia optiva	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sree	Bombax ceiba	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-

#### Format27 A: Coastal and Marine Flora

1	2	3	4		5	6	7	8	9	10
DI AT		Scientific	<b>TT 1.</b>	Local	status		Commercial uses (if	0.1	Communi	Community
Plant Type	Local Name	Name	Habitat	Past	Present	Part collected	any)	Other Uses	Associated TK	Community Knowledge Holder
	NIL									

### Format 27 B:Coastal and Marine Fauna

1	2	3	4	4	5	6	7	8	9	10		
Animal Type	Local Name	Scientific Name	Habitat	Local status		Local status		Part collected (if any)	Commercial uses (if any)	Other Uses	Associated TK	Community Knowledge Holder
				Past	Present					3		
					T	NIL	1					

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

1	2	3	4	5	6	7		8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local	status	Uses ,if any	Associated TK	Other Details	Community Knowledge Holder
						Past	Present				
Wild Animal	Squirrels	Funambulus palmarum	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Jackal	Canis aureus	Farmland	-		Good	Good	-	-	-	-
Wild Animal	Rose ringed parakeet	Psittacula krameri	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Mongoose	Herpestes spp.	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Sparow	Passer domesticus	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Crow	Corvus splendens	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Pigeon	Columba livia	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Bee	Apis spp.	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Butterfly	Rhopalocera spp.	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Frog	Anura spp.	Farmland	-		Good	Good	-	-	-	-
Wild Animal	Snake	Serpentes spp.	Farmland								
Wild Animal	Kroo		Farmland								
Wild Animal	Porcupine	Erethizon dorsatum	Farmland								
Wild Animal	Titar	Ortygornis pondicerianus	Farmland								
Wild Animal	Jal Murgai	Gallinula chloropus	Farmland								

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	Acacia nilotica	Broad leaved	Sub-Tropical	Summer	Common
2	mango	Mangifera indica	Broad leaved	Sub-Tropical	Summer	Common
3	Safeda	Eucalyptus spp.	Broad leaved	Sub-Tropical	Summer	Common
4	Sree	Albizia lebbeck	Broad leaved	Sub-Tropical	Summer	Common
5	Talli	Dalbergia sissoo	Broad leaved	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	Cow	Bas taurus	Mammels	Terrestrial	Common
2	Buffalow	Babalus bubalis	Mammels	Terrestrial	Common
3	Sheep	Ovis aries	Mammels	Terrestrial	Common
4	Goat	Capra aegagrus	Mammels	Terrestrial	Common
5	Sparow	Passer domesticus	Birds	Terrestrial	Common
6	Crow	Corvius splendens	Birds	Terrestrial	Common
7	Pigon	Columba livia	Birds	Terrestrial	Common
8	Ant	Tapioma sessile	Insects	Terrestrial	Common
9	Bee	Apis crana indica	Insects	Terrestrial	Common
10	Murgi	Gallus spp.	Birds	Terrestrial	Common
11	Kunja	Rosa multiflora		Terrestrial	Common
12					
13					

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

### Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
	Walnut sp.	
	- Vegetables, Poultry, Milk marketing	
	Jungli Putna - cattle stomach infection	