

People Biodiversity Register (PBR): Ge

Name of the Panchayat Samiti: Aithem

Taluk: Nagrota

District:Jammu

State/UT: J&K

Geographical Area of the Panchayat Samiti: 2240.04 Hect

Population under the Panchayat Samiti: 2650

Male: 1590

Female: 1060

Habitat and Topography: Plain , hilly

Climate (Rainfall, Temperature and weather patterns): Moderate rainfall

Land Use (Nine fold classification available with village records) : Agriculture

Date, Month and Year of PBR Preparation: 26 june 2022

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected A Forest(COM)

Annexure 1

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:Shoba Rani

Age: 45 years

Gender: Female

Address: R/o. village Aithem

Area of specialization:

2) Name: Akhtar Bibi

Age: 29

Gender: Female

Address: R/o Sail Jagir

Area of specialization:

3)Name: Luxmi |Devi

Age: 37

Gender: Female

Address: R/o. Paed Gran

Area of specialization:

4)Name: Sham Lal

Age:46

Gender: Male

Address: R/o. Village Chalini

Area of specialization:

5)Name: Romal Singh

Age: 43 Years

Gender:Male

Address: R/o. Village Chalini

Area of specialization:

6)Name: Utam Singh

Age: 28 Yr.

Gender: Male

Address: R/o. Aithem

Area of specialization:

7)Name: Jasveer sharma

Age: 31

Gender: Male

Address: aithem

Area of specialization: Panchayat 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 Rattan singh

Age: 65

Gender: male

Address: R/o. aithem

Area of specialization: skin infection

Location from which the person accesses biological material: satisfactory

Perception of the practitioner on the resource status: forest and pansari

Medicinal Use:

2) Name: Neelam devi

Age: 37

Gender: female

Address: aithem

Area of specialization: bone specialist

Location from which the person accesses biological material: satisfactory

Perception of the practitioner on the resource status: forest and pansari

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: Thoru ram

Age: 54

Gender: male

Address: Aithem

Area of specialization: Agriculture

2) Name of the Chairperson: Raj kumar

Age:40

Gender: male

Address: Aithem

Area of specialization: Fisheries

3) Name of the Chairperson: Ram chand

Age: 64

Gender: male

Address: Aithem

Area of specialization: Forestry

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) Contact Person: teacher

Name and Address: Purshotam singh and Aithem

2) Contact Person: teacher

Name and Address: Jasveer singh and Aithem

Annexure 5**Detail of access to biological resources and traditional knowledge granted, details derived and the mode of their sh**

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
1	Nil	Nil	Nil

of the collection fee imposed and details of the benefit arising	
Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
Nil	Nil

FBK – FORMATS
ACROBIODIVERSITY

1	2	3	4	5	6	7		8	9
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season
						Past	Present		
Rice	<i>Oryza sativa</i>	Munji	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	
Bajra	<i>Pennisetum americanum</i>	Bajra	Local Variety	Warm / Humid climate under Sandy loam Soil		Normal	Normal	Tall & low Yielding variety	Kharif (May to October)
			MHB-110			Normal	Normal		
Wheat	<i>Triticum aestivum</i>	Kanak	HD2967,PB W644	Cool Climate during early part of its growth		Plenty	average	High yielding Variety	Rabi
Mustard	<i>Brassica juncea/ Brassica compestris</i>	Sarson	Pusa Bold/ KOS -1	Cool & dry		Plenty	average	Matures in 145-150 days with 40-42 % oil content	Rabi
Sesame	<i>Sesamum indicum</i>	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region		Plenty	average	Medium Yielding	June - Oct.
Mash	<i>Vigna mungo</i>	Mhaa	PU-19	Warm / Humid of Sub tropical region		plenty	average	High yielding Variety	Summer/ Kharif
			Utra			Normal	Normal		
Chick-pea	<i>Cicer arietinum</i>	Chana	GNG-469/C 235	Cool & dry		plenty	average	High yielding Variety	Rabi
Peas	<i>Pisum sativum</i>	Matar	Rachna	Cool & dry		Normal	Normal	Early maturing & High yielding	Rabi
Onion	<i>Allium cepa</i>	Gamd	nasik Red. Red Coral And Local Spp.	local Planee areas		Abundant	Abundant	Bulbs Cash Crop	Rabi
Cauliflower	<i>Brassica oleracea var.botrytis</i>	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate		Abundant	Abundant	White and tender head ,curdformed from shortened flower part	Rabi
Cabbage	<i>Brassica oleracea var.capitata</i>	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate		Abundant	Abundant	Round head withlight to dark green colour	Rabi

Bottle gourd	<i>Lagenaria siceraria</i>	Lokki	PSPL/ Punjab Long	Summer &rainy season crop		Abundant	Abundant	Vines vigrous, profusly branched	Summer/ kharif
Maize	<i>Zea mays</i>	Maka	Dekalb double	Sub tropical / Upland		Rare	Plenty	Tall, high yielding with yellow in colour)	Food & Fodder
			K-517			Plenty	Rare	Average tall with yellow in colour	
			Ujala			Normal	Plenty		
			K-612			Plenty	Normal		
			Pro Agro- 4794			Plenty	Normal	Tall, high yielding with yellow in colour)	

10	11	12	13	14
Uses	Associated TK	Other details	Source of Seeds/Plants	Community / Knowledge Holder
Food Fodder Roofing Fuel	Provides more energy	Suitable for "Valicha" cultivation		Kurichiya Kuruma W. Chetty
Source of Energy	Suitable for Chappati/Bread making	Food & Fodder	Farmers / Department/ Privaate Suppliers	Farmers
Source of Energy	Suitable for Chappati/Bread making	Food & Fodder	Farmers / Department/ Privaate Suppliers	Farmers
Source of energy i	vegetable Oil extracted from seeds used in cooking	oil for Food	Farmers / Department/ Privaate Suppliers	Farmers
Source of Vegetable oil	Religious and medicinal value	Food	Farmers / Department/ Privaate Suppliers	Farmers
Source of Vegetable Protein	-	Food	Farmers / Department/ Privaate Suppliers	Farmers
Source of Protein/Energy	Improve soil fertility	Food	Farmers / Department/ Privaate Suppliers	Farmers
Source of Protein/Energy	Used as Vegetable	Food	Farmers / Department/ Privaate Suppliers	Farmers
Vegetable	Staple Vegetable food	Vegetables	Farmers / Department/ Privaate Suppliers	Farmers
Vegetable	Also good source of protein, carbohydrate, phosphorus & iron	Curd Mainly used as vegetable	Farmers / Department/ Privaate Suppliers	Farmers
Vegetable	Also good source of protein, carbohydrate, phosphorus & iron	Head Mainly used as vegetable, salad	Farmers / Department/ Privaate Suppliers	Farmers

Vegetable	It also contains essential vitamins and minerals	Subzis, curries and gravies.	Farmers / Department/ Private Suppliers	Farmers
Provides energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	Farmers

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK
					Past	Present			
Mango	<i>Mangifera indica</i>	Aam	Desi, Dushari , Malta	Plains	Plenty	Plenty	Nurseries	June-August	
Citrus Fruits	<i>Citrus spp</i>	Khatti, Mosambi, santra, Nimbu,	Local, Kagzi lime, Italian lime Hill lemon etc	Plains, mid hills	Plenty	average	Nurseries	throughout year	
Litchi	<i>Litchi chinensis</i>	Litchi	Calcutta Dehradun	Plains	Plenty	average	Nurseries	June-August	
Guava	<i>Psidium guajava</i>	Amrood	Local, Allahabadi, Safaida	Plains lower hills	Plenty	Plenty	Nurseries	June-August	
Grapes	<i>Vitis vinifera</i>	Angoor	Local Dakh perlette	Plains mid hills	Rare	Plenty	Nurseries	June-August	
Amla	<i>Emblica officinalis</i> <i>Syn Phyllanthus emblica</i>	Ambla	local selection NA-7	Plains mid hills	Plenty	Plenty	Nurseries local collection	Nov- Dec.	
Ber	<i>Zizyphus mauritiana lamk</i>	Ber	Gola Banarasi	Plains	Plenty	Plenty	local raised	July-August	
Jamun	<i>Syzygium cumini skeels</i>	Jamun	local selection	Plains	rare	rare	Nurseries, local raised	July-August	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari local	Plains	Rare	Rare	Nurseries, local raised, wild	May-August	
pear	<i>Pyrus spp</i>	Nakh	Patharmakh, china pear	Plains mid hills	Rare	Rare	Nurseries	August-Sept	

Peach	<i>Prunus persica (L) Batsch</i>	Aaroo	July Elberta, quetta	Plains mid hills	Rare	Plenty	Nurseries	June-July	
Strawberry	<i>Fragaria x ananassa Duch</i>	Strawberry	chandler	Plains mid hills	Rare	Rare	Nurseries	March-April	
Karonda	<i>Carissa carandas</i>	Gernay	Local	Plains/hills	plenty	plenty	Nurseries, wild	June-August	
Papaya	<i>Carica papaya</i>	Papita	Local	Plains	Rare	Plenty	Nurseries, locally raised	August-October	

10	11	12
Uses	Other details market / own use	Community / Knowledge holder
Fruit, Pickin g, Preserves	Marketing, own use	department of horticulture and local farmers
Fruit, picking Squashes etc.	Marketing, own use	department of horticulture and local farmers
Fruit	Marketing	department of horticulture and local farmers
Fruit	Marketing, own use	department of horticulture and local farmers
Fruit		department of horticulture and local farmers
Picking, fruit juices	Marketing, own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers
Fruit, anardana	Own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers

Fruit	Marketing, own use	department of horticulture and local farmers
Fruit	Marketing	department of horticulture and local farmers
Fruit	Marketing,o wn use	department of horticulture and local farmers
Fruit	own use	department of horticulture and local farmers

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details
				Past	Present				
Sorghum	<i>Sorghum spp.</i>	cherri	Warm & humid	Abundant	Abundant	Farmers / Department/ Private Suppliers	Source of energy	Above ground part of plant	Fodder
Maize	<i>Zea mays</i>	Makki	Warm & humid	Abundant	Abundant		Source of energy	Above ground part of plant	Food & fodder
Oats	<i>Avena spp.</i>	Javi	Cool & moist climate	Abundant	Abundant	Farmers / Department/ Private Suppliers	Nutritious & palatable fodder,	Above ground part of plant	Fodder
Bajra	<i>Pennisetium americanum</i>	Bajra	Warm & humid	Abundant	Normal		Source of energy	Above ground part of plant	Food & fodder

10 Community / Knowledge holder
Farmers
Farmers
Farmers
Farmers

Format-4 : Weeds

1	2	3	4	5	6	7		8	9
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape /Habitat	Local Status		Uses if any	Management Options
						Past	Present		
Lamb's quarters	<i>Chenopodium album</i>	Bathua/ Kanaah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical
Nut Grass	<i>Cyperus rotundus</i>	Dilla/Mooha	Paddy,maize, sugarcane, vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical
Carrot grass	<i>Parthenum hysterophorus</i>	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical
Bang	<i>Cannabis indica</i>	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical
Dub Grass	<i>Cynodon dactylon</i>	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Abudant	Fooder	Mechanical, Chemical
Jhonson Grass	<i>Sorghum helepense</i>	Beru grass	Sorghum	Perinneal	Sub Tropical	Rare	Rare	Fodder	Physical, Mechanical, Chemical
False amaran	<i>Digera arven</i>	tandla	maize	Annual	Agri. Land	Abudant	Abudant	medicinal us	Physical, Mechanical, Chemical

10	11	12
Associated TK	Other Details like exotic	Community /Knowledge Holder
Rich Source of protein, Vit. A, Calcium , Phosporous & potash	Annual feed & fermentation of Beverages	Farmers
Nil	Tradionally used as medicine	Farmers
Abnoxious weed difficult to manage	nil	Farmers Farmers
Nil	Agri. Land	Farmers
Nil	Agri. Land	
nil	Nutrative Fodder for Animals	Farmers
medicinal use	Agri. Land	Farmers

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
Mango	Insects	Amritous atkinsoni/Dr osicha Magiferae	Tella, Mealey Bug	Field/ Orchard	Feb-April/ Feb Onward	Pesticide Pruning/Pesticide, Basin Making	Discourage HDP/Handp icking strickly band	Major threats	general public/ Farmers
Citrus	Insects	Paapilio lemoteus/Eu odocina fullonia	Catepillar, Sucking moth	Orchard	April-may & Aug Oct/Maturity stage	Pesticides, other cultural method/Pesticides orchard sanitization	Hand pckicking/Sm oking bagging dispose off	Major threats	general public/ Farmers
Litchi	Insects	Gatesclarke ama erotias	Fruit nut birer	Orchard/ Fied	At pea stage	Pesticides basin making ploughing		Major threats	general public/ Farmers
Guava	Insects	Bactrocera Dorsalis	Fruit fly	Orchard/ Fied	Maturity stage	Pesticides , fruit fly trape		Major threats	general public/ Farmers
Amla	Insects		Gall Maker	Orchard/ Fied	Feb onward	Pesticides pruning	Destroy infected shoots	Major threats	general public/ Farmers
Field rats	mammal	<i>Ratus meltada</i>	Chouha	Attacks all crops	Throughout the year	Mechanical & Chemical measures	-	Lives in burrows opening hidden in bushes	Farmers
Monkey	mammal	<i>Rhesus macaque</i>	Bander	Forest & human habitat	Throughout the year	Traps & chemosterlization	-	Cause extensive damage to almost all crops,attacks humans	general public/ Farmers
Grasshopper	insect	<i>Hygro blasses Negro / Hieroglyphus nigropletus</i>	Tidi	Maize, Paddy, Jojr Bajra	July to sept	Mechanical & Chemical measures	-	Eats leaves	Farmers
Army worm	insect	<i>Spodoptera Frugiperda</i>	tokka	Defoliaties Major crops	Through the year	Mechanical & Chemical measures	-	Defoliates all crops	Farmers
Leaf Floder	insect	<i>Cnaphalocr ocis meddialis</i>	Ctter Pillers	Attacts on Paddy Leaves	June to Oct.	Mechanical & Chemical measures	-	Major threats	Farmers

Maize stem Borer	<i>insect</i>	<i>Chilo partellus</i>	Sundi /Tana-shedak	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical & Chemical measures	-	Causes dead hearts in young plants	Farmers
Wheat	<i>insect</i>	Termites	<i>Odontotermis</i>	Polyphagous/ sandy and loamy soils	Kharif	Field sanitation and continuous removal and destruction of infected plants	NA	NA	general public/ Farmers
Cut worm	<i>insect</i>	<i>Agrotis ipsilon</i>	Ludi	Wheat sorghum maize and other	Throughout the year	Mechanical & Chemical measures	-	Major threats	Farmers
Cucurbits fruit fly	<i>insect</i>	<i>Bactrocera cucurbitae</i>	Melon fly	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	-	Danger to all cucumber crops	Farmers
Cereal leaf Beetle	<i>insect</i>	<i>Oulma melanopus</i>		Attacks Maize	Aug-Sep	Chemical measures	-	Most recent occurrence	Farmers
Termite	<i>insect</i>	<i>Microtermis obesi/ Odontoreme s obesus</i>	Telle	Wheat & other crops	Nov-May	Cultural & Chemical measures	-	Major threat to unirrigated crops	Farmers
Mustard aphid	<i>insect</i>	<i>Lipaphis erysimi</i>	Aphid	Attacks mustard & other cucurbit crops	Dec-March	Timely sowing of crop & Chemical, Biological & Mechanical	-	Major threat to oil seed crops of Rabi	Farmers

11
No. of HHs
573
630

Format 8: Landscape

1			2	3	4	5	6	7	8
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Managem nt practices
Agricultural land	Pond	Fallow land							
Plains & kandi area			Plains	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		Aesthetic and scenic beauty in urban areas

9	10	11	12
General uses	Associated TK	Other details	Community accessed

Format 9: Waterscape									
1	2	3	4	5	6	7	8	9	10
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Managem nt practices	General uses
Ponds			State land and Private land	Tali, kamal, Brankad,Bo ri peepal and Khu Jari etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Streams			State land and Private land	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Tube well			State land and Private land			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Dug wells			Private			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Canal			Nil	Nil	Nil	Nil	Nil		
Hand pumps			Private	Panjphuli Jari, Bana, Aak, Khar grass etc.	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Bowlis			Private	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		

Format 9: Waterscape									
1	2	3	4	5	6	7	8	9	10
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Managem nt practices	General uses

Ponds			State land and Private land	Tali, kamal, Brankad, Bori peepal and Khu Jari etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Streams			State land and Private land	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Tube well			State land and Private land			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Dug wells			Private			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Canal			Nil	Nil	Nil	Nil	Nil		
Hand pumps			Private	Panjphuli Jari, Bana, Aak, Khar grass etc.	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		
Bowlis			Private	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public		

Format 10: Soil type

1	2	3	4	5
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable
Alluvial sandy soil	Fine & coarse grain	rich in N,ca,fe,si		
Unconsolidated boulder soil	Coarse grain, rocky	fe, si		
Red podzolic soil	brown,red	fe,ca,fe,n,si		

--	--	--

6	7	8
Flora and fauna	Associated TK	Other information

Format 11: Fruit Trees				DOMESTICATED BIODIVERS					
1	2	3	4		7		8	9	10
Plant Type	Local Name	Scientific Name	Variety	Landscape /Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)
					Past	Present			
Mango	Aam	Mangifera indica	Desi, Dushari , Malta	Plains	Plenty	Plenty	Nurseries	June-August	
Citrus Fruits	Khatti, Mosambi, santra, Nimbu,	Citrus spp	Local,Kagzi lime, Italian limeHill lemon etc	Plains,mid hills	Plenty	average	Nurseries	Throughout year	
Litchi	Litchi	Litchi chinensis	Calcutta Dehradun	Plains	Plenty	average	Nurseries	June-August	
Guava	Amrood	Psidium guajava	Local, Allahabadi, Safaida	Plains lower hills	Plenty	Plenty	Nurseries	June-August	
Grapes	Angoor	Vitis vinifera Michx	Local Dakh perlette	Plains mid hills	Rare	Plenty	Nurseries	June-August	
Aonia	Ambla	Emblica officinalls Syn Phyllanthus emblica	local selection NA-7	Plains mid hills	Plenty	Plenty	Nurseries local collection	Nov- Dec.	
Ber	ber	Ziayphus mauritiana lamk	Gola Banarasi	Plains	Plenty	Plenty	local raised	July-August	
Jamun	Jamun	Syzygium cumini	local selection	Plains	Rare	Rare	Nurseries, local raised	July-August	
Pomegranate	Anar, Druni	Punica granatum	Ganesh, Kandhari local	Plains	Rare	Rare	Nurseries, local raised, wild	May-August	
pear	Nakh	Pyrus app	Patharmakh, china pear	Plains mid hills	Rare	Rare	Nurseries	August-Sept	

Peach	Aaroo	Prunus persica (L) Batsch	July Elberta, quetta	Plains mid hills	Rare	Plenty	Nurseries	June-July	
Strawberry	Strawberry	Fragaria x ananassa Duch	chandler	Plains mid hills	Rare	Rare	Nurseries	March-April	
Karonda	gernay	Carissa carandas	local	Plains/hills	plenty	plenty	Nurseries, wild	June-August	
Papaya	Papita	Carica papaya	local	Plains	Rare	Plenty	Nurseries, locally raised	August-October	

CITY

11	12	13
Associated TK	Other details market/own use	Community / Know. holder
Fruit, Pickling, Preserves	Marketing, own use	department of horticulture and local farmers
Fruit, picking Squashes etc.	Marketing, own use	department of horticulture and local farmers
Fruit	Marketing	department of horticulture and local farmers
Fruit	Marketing, own use	department of horticulture and local farmers
Fruit		department of horticulture and local farmers
Picking, fruit juices	Marketing, own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers
Fruit, anardana	Own use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers

Fruit	Marketing, own use	department of horticulture and local farmers
Fruit	Marketing	department of horticulture and local farmers
Fruit	Marketing,o wn use	department of horticulture and local farmers
Fruit	Own use	department of horticulture and local farmers

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

1	2	3	4	5	6	7		8	9
Plant Type	Local Name	Scientific Name	Variety	Landscape/Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used
						Past	Present		
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower Shiwalik/Temp crate area	Stem/Seed	Abundant	Abundant	Medicinal	Leaves
Herbs	Bhang	<i>Canabis sativa</i>		Lower Shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves
Herbs	Drinked	<i>Murraya konegii</i>		Sub-Tropical area	Seed	Rare	medicinal & spice	Medicinal	Leaves
Tree	Draink	<i>Melia azadirach</i>		Lower shiwalik	Seed	Abundant	medicinal & spice	Medicinal	Leaves
Tree	Tali	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	medicinal & spice	Timber & Fodder	Stem
Tree	Jamun	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves/Fruit
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Lower shiwalik	Rare	Rare	medicinal use	seeds/fruit
Shrubs	brankad	<i>Adhatoda vesica</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	Leaves
Shrubs	Dussa	<i>Colebrookia oppositifolia</i>		Lower shiwalik	Lower shiwalik	Rare	Rare	medicinal use and fodder	roots , leaves
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	leaves and stem
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Lower shiwalik	Rare	Rare	medicinal use	rhizome
Shrubs	Bhang	<i>Canabis sativa</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	leaves and stem
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	fruit

Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	fruit
Tree	Bheda	<i>Terminalia bellerica</i>		Lower shivalik	Lower shivalik	Rare	Abundant	medicinal use	fruit
Tree	Bill-Patre	<i>Aegle mermelos</i>		Sub-Tropical area	Sub-Tropical area	Abundant	Abundant	medicinal use	leaves
Tree	Harad	<i>Terminalia chebula</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	fruit leaves, bark
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>		Lower shivalik	Lower shivalik	Rare	Rare	medicinal use	leaves, root, fruit , flower
Tree	Karal	<i>Bauhinia variegata</i>		Lower shivalik	Lower shivalik	Rare	Rare	medicinal use	use as a pickle and spices
Tree	Khair	<i>Acacia catechu</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	leaves shoot and wood
Tree	Kringal	<i>Casia fistula</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	root/ leaves
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use , pickle	Seed
Tree	Mangoo	<i>Mangifera indica</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	fruit	fruit
Tree	Retha	<i>Sapindus mukorossii</i>		Lower shivalik	Lower shivalik	Rare	Rare	medicinal use	seeds/fruit
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	fruit
Tree	Sree	<i>Albizzia lebbeck</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	Seed
Tree	Trimbal	<i>Ficus auriculata</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	Seed
Tree	Tuni	<i>Toona ciliata</i>		Lower shivalik	Lower shivalik	Abundant	Abundant	medicinal use	Seed

Tree	Arjun	<i>Terminalia arjuna</i>		Lower shiwalik	Lower shiwalik	Rare	Rare	medicinal use	leaves and fruit
tree	Khair	<i>Accacia catechu</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	Seed
Tree	Nem	<i>Azadiracta indica</i>		Lower shiwalik	Lower shiwalik	Abundant	Abundant	medicinal use	leaves and bark
Climber	Giloe	<i>Tinospora cordifolia</i>		Farmlands & Urban areas	seed	Moderate	average	medicinal use	leaves stem

10	11	12
Associated TK	Other details market/own use	Community / Know. Holders
N.A	N.A	Generally held by community
treatment of pain , loss of appetite	N.A	Generally held by community
treatment of piles, dysentery etc	N.A	Generally held by community
acne , burns, pediculosis etc	N.A	Generally held by community
N.A	N.A	Generally held by community
treatment of sore , asthama, ulcers	N.A	Generally held by community
indigestion , varicose vein	own use	Generally, held by community
anti bleeding ,anti diabetic, anti jaundice etc	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
used to treat stomach cramps, asthama	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community

	N.A	Generally, held by community
treat liver problems , cough and cold etc	N.A	Generally, held by community
	N.A	Generally, held by community
inc apetite , liver problems etc	N.A	Generally, held by community
respiratory disorders, liver urinary tract	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
various cleansing properties	N.A	Generally, held by community
	N.A	Generally, held by community
leaves and bark and seeds	jaundice treatment, skin problems etc	Generally, held by community
	N.A	Generally, held by community
use in mentural disorders ,fe ver	N.A	Generally, held by community

	N.A	Generally, held by community
	N.A	Generally, held by community
	N.A	Generally, held by community
	eye disorder, jaundice	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 / Knowledge holder
Tree	Krangal	Casia fistla		Seed	Non-Commercial	NA	NA	NA	Generally held by community
Tree	Satpati	Alstonia scholaris		Seed	Non-Commercial	NA	NA	NA	Generally held by community
Tree	Bittle brush	Callistemom citrius		Seed	Non-Commercial	NA	NA	NA	Generally held by community
Climber	Kareer	<i>Rosa acicularis</i>	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Bougainvillea	Bougainvillea glabra		Seed	Commercial, ornamental	ornamental			Self observed
Tree	Gulmohar	Delonix regia		Seed	Commercial, ornamental	ornamental			Self observed
Shrub	Gandila	<i>Terium indicum</i>		Seed	Commercial and medicinal use-	medicinal use-			Self observed
Shrub	Panjtara	Tara spinosa		Seed	Commercial and medicinal use-	medicinal use-			Self observed

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details
				Past	Present				
Tree	Kiker	<i>Vachellia nilotica</i>	Lower shiwalik	Rare	Rare	Wild	Own	Nil	furniture and firewood
Tree	Mango	<i>Mangifera indica</i>	Lower shiwalik	Abundant	Abundant	Wild/ home-garden	Own	Nil	fruit ,furniture and firewood
Tree	Safeda	<i>Eucalyptus spp.</i>	Lower shiwalik	Rare	Abundant	Wild	Commercial	Nil	furniture and firewood
Tree	Sree	<i>Albizia lebbeck</i>	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	furniture and firewood
Tree	Talli	<i>Dalbergia sissoo</i>	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	furniture and firewood
Tree	Tuni	<i>Toona ciliata</i>	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	furniture and firewood
Tree	Popular	<i>Populus ciliata</i>	Lower shiwalik	Rare	Abundant	Wild	Own	Nil	Nil
Tree	Chir	<i>Pinus roxburhii</i>	Lower shiwalik	Rare	Rare	Wild	Own	Nil	furniture and firewood
Tree	Jammun	<i>Syzygium cumini</i>	Lower shiwalik	Rare	Abundant	Wild	Own	Nil	furniture and firewood

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK
						Past	Present		
Sheep	Bhaed	<i>Ovis aries</i>	Local (Non descript)	Small size, low body weight, rough body coat	Statonary	Pleny	Rare	Mutton, wool, skin and manure	Yes
Sheep	Bhaed	<i>Ovis aries</i>	Rambouillet cross	Large size, fine wool, with long legs mostly white in color	Statonary	Pleny	Rare	Mutton, wool, skin and manure	Yes
Goat	Bakri	<i>Copra</i>	Beetal Crosses	Large size, high body wt. mostly black & brown body color	Statonary	Pleny	Rare	Chevon milk, skin, hair and manure	Yes
Cattle	Gau	<i>Bos indicus</i>	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil
	Jersy Gau	<i>Bos taurus</i>	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil
	Amrecan Gau	<i>Bos taurus</i>	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil
Buffalo	Manj	<i>Bubalus bubalis</i>	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil
	Punjabi Mais	<i>Bubalus bubalis</i>	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil
Horse	ghoda	<i>Equus caballus</i>	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil
birds	Chakore	<i>Alectoris chukar</i>	Local	black and white stripes ,beak is short, strong, and orange in color	Backyard	few	Decrease	Egg,meat	Nil
	Parrot	<i>Psittaciformes</i>	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil
	Pigeon	<i>Columbidae</i>	Local	white color , fast growing	Backyard	few	Decrease	decorative	Nil
Dog	Kutta	<i>canis familiaris</i>	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil
Cat	Billi	<i>felis catus</i>	Local	Grey /white color	Pet ,Stray	Abundant	Abundant	pet	Nil

Rabbit	Khargosh	<i>Oryctolagus cuniculus</i>	White gaint	white	Pet ,wild	few	few	Pet	Nil
Pig	Suar	<i>sus scrofa domesticus</i>	Yorkshir e cross	white	Domesticated	few	Increased	Meat	Nil
Elephant	Haathi	<i>Loxodonta</i>	Asian elephant	Grey in colour	Pet ,wild	few	few	religious faith	Nil

10	11	12
Commercial rearing	details including products and	Community Know. Holders
Some	Mutton, wool, skin and manure bones hide and gut	Locals
Some	Mutton, wool, skin and manure bones hide and gut	Locals
Some	Chevo, milk skin, hair, bones, hide and gut	Locals
No	Milk	All
yes	Milk	All
Yes	Milk	All
No	Milk	All
Yes	Milk	All
No	Pack/ Cart	All
Yes	Egg, Meat	All
No	Nil	All
No	nil	All
No	Nil	All / stray
No	Nil	All / stray

No	Nil	All / wild
Yes	Nil	Sikh /Christians/ SCcommunity
No	Nil	All

10	11	12
Commercial Rearing	Other details	Community Know. Holders

WILD BIODIVERSITY


Format 18: Trees, Shrubs, Herbs, Tubers, Crosses, Climbers etc.

1	2	3	4	5	6		7	8	9
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / Own use	Part collected	Associated TK
					Past	Present			
Tree	Amla	<i>Emblica officinalis</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / Own use	Fruit	Food processing
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / Own use	Timber/ fruit Firewood	medicinal use
Tree	Amb	<i>Mangifera indica</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / Own use	Fruit	
Tree	Safeda	<i>Eucalyptus</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / Own use	Fruit	
Tree	Siris	<i>Albizia lebbek</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	whole plant	-
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ whole plant / Firewood	Resin
Tree	Lecunia	<i>Leucaena leucocephala</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	leaves / seeds / timber	-
Tree	Simbal	<i>Bombax cebia</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	fruit / timer Firewood	-
Tree	Kamila	<i>Mallotus philippensis</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	leaves , roots ,	-
Tree	Krangal	<i>Cassia fistula</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	roots, fruit leaves etc	-
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Fruit	-
Tree	Plash	<i>Butea monosperma</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-
Tree	Shisham	<i>Dalbergia sisoo</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Stem, Timber	-
Tree	Khair	<i>Acacia catechu</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Katha
Tree	Santha	<i>Dodonaea viscosa</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-
Tree	Kiker	<i>Acacia nilotica</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-
Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-

Tree	Sagwan	<i>Tectona grandis</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-
Tree	Bel	<i>Aegle marmelos</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Leaves/ Fruit	-
Tree	kakoa	<i>Flacourtia indica</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Fruit	-
Grass	Bamboo	<i>Dendrocalamus strictus</i>	Grass	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Sticks	-
Herbs	Bhang	<i>Cannabis sativa</i>	herbs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Leaves	-
Shrub	Jojra	<i>Pupalia lappacea</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Leaves	-
Shrub	Garna	<i>Carissa spinarum</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Fruit	-
Shrub	Panjphuli	<i>Lantana camara</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	whole plant	-
Shrub	Gandila	<i>Nerium indicum</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Flower	-
Shrub	Pansar	<i>Wendlandia heynei</i>	Shrubs	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	leaves	-
Herbs	congress Grass	<i>Parthenium hysterophorus</i>	herbs	Northern/ Sub-Tropical	Good	Moderate	-	whole plant	-
Tree	Badh	<i>Ficus religiosa</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	-
Tree	Phulai	<i>Acacia modesta</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	whole plant	-
Climber	Tarad	<i>Dioscorea belophylla</i>	Climber	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Roots	
Climber	Jungli bitter melon	<i>Momordica charantia</i>	Climber	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Fruit	
Climber	Purple yam	<i>Dioscorea alata</i>	Climber	Northern/ Sub-Tropical	Good	Moderate	-		
Climber	Striped cucumber	<i>Diplocyclos palmatus</i>	Climber	Northern/ Sub-Tropical	Good	Moderate	-		
Herb	Chaleri saag	<i>Amaranthus viridis</i>	Herb	Farmlands & Urban areas	Good	Moderate	Commercial /own use	leaves	vegetable

Climber	Giloe	<i>Tinospora cordifolia</i>	Climber	Farmlands & Urban areas	Good	Moderate	Commercial /own use	fruit, roots	Timber/ medicinal use Firewood
---------	-------	-----------------------------	---------	-------------------------	------	----------	---------------------	--------------	-----------------------------------

10	11
Other details	Community Knowledge Holder
	Generally held by community
	Generally held by community
	Generally held by community
	Generally held by community
-	Generally held by community
-	Generally held by community
-	Generally held by community
	Generally held by community
-	Generally held by community
-	Generally held by community
-	Generally held by community
-	Generally held by community
-	Generally held by community
-	Generally held by community
	Generally held by community
-	Generally held by community
-	Generally held by community



Generally
held by
community

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	<i>Dodonaea viscosa</i>	Shrub	Firewood / broom making	Good
2	Kanner/Lal Gandila	<i>Nerium indicum</i>	Shrub	Medicinal	Good
3	Daduni	<i>Punica granatum</i>	Shrub	Live hedge fencing	Good
4	Bankhar	<i>Adhatoda vasica</i>	Shrub	Medicinal	Good
5	Aakh	<i>pomea carnea</i>	Shrub	nder, medicinal	Good
6	Bhang	<i>cannabis sativa</i>	Shrub	Medicinal	Good
7	Pansar	<i>indlandia hey</i>	Shrub	Firewood	Good
8	Bill-Patre	<i>Aegle mermelos</i>	Shrub	Medicinal	Abundant
9	Rumbal	<i>Ficus racemosa</i>	tree	Medicinal	Abundant

10
Community knowledge holder

Format 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
1	Lunak	Portulaca oleracea	local	antioxidant value and various medicinal uses	abundant
2	Rumbal	<i>Ficus racemosa</i>	local	fruit	Abundant
3	Nad	<i>Arundo donax</i>	<i>local</i>	NA	Good

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used
					Past	Present			
Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Northern/ Sub-Tropical	Good		--	Medicinal	Bark
Tree	Amla	<i>Emblica officinalis</i>	Tree	Northern/ Sub-Tropical	Good		--	Medicinal	Bark
Tree	Harad	<i>Terminalia chebula</i>	Tree	Northern/ Sub-Tropical	Good		--	Medicinal	Bark
Tree	Behra	<i>Terminalia bellirica</i>	Tree	Northern/ Sub-Tropical	Good		--	Medicinal	Bark
Tree	Sukchain	<i>Pongamia pinnata</i>	Tree	Northern/ Sub-Tropical	Good		--	Medicinal	Bark
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Northern/ Sub-Tropical	Good	Good		Medicinal	Fruit /seeds
Tree	Bill-Patre	<i>Aegle mermelos</i>		Sub-Tropical area	Abundant	Abundant		Seed	leaves
Tree	Trimbal	<i>Ficus auriculata</i>		Lower shiwalik	Abundant	Abundant		Medicinal	Fruit /seeds
Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Abundant	Abundant		Medicinal	Fruit /seeds

10	11
Other details market/ own use	Community / Knowledge Holder
own use	local farmers of rural community
own and market use	local farmers of rural community
own use	local farmers of rural community
own use	local farmers of rural community
own and market use	local farmers of rural community
own and market use	local farmers of rural community
own use	Generally, held by community
own use	Generally, held by community
own use	Generally, held by community

10
Community / Know holder

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
Gandila	<i>Terium indicu</i>	Shrub	Northern/ Sub-Tropical	on commercial	tal and medic	-	Self observed
Panjtara	Tara spinosa	Shrub	Northern/ Sub-Tropical	on commercial	tal and medic	-	Self observed
Bougainvillea	againvillea gla	Shrub	Northern/ Sub-Tropical	nmercial,com	ornamental	-	Self observed
Gulmohar	Delonix regia	Tree	Northern/ Sub-Tropical	on commercial	ornamental	-	Self observed

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9
Plant (herb,shrub ,Tree)	Local Name	Scientific Name	Variety	Habitat	Local status		Uses	Part used	Ass.TK
					Past	Present			
Herb	Pudina	<i>Mentha spp.</i>	local	Homestead, agricultural land	Abudant	Abudant	Spice	Leaves	used with vinegar remove dandruff
Tree	curry tree	<i>Murraya koenigii</i>	local	moist forest and agricultral land	Abudant	Abudant	Spice	Leaves	-
Herb	wild Tulsi	<i>Ocimum sanctum</i>	local	Moist soil	Abudant	Abudant	Medicinal	Leaves	-
Herb	Ajwain	<i>Trachysper mu mammi</i>	Forest	Temperate	Available	Available	Cooking	Seeds	treat digestive problems
Herb	Methi	<i>Treionellafo enum graceum</i>	Annual plant	temperate regions /homegarde ns	plenty	average	used in stomach troubles and anaemia	leaves and seeds	cooking
Herb	saunf	<i>Foeniculum vulga</i>	Herbaceous perennial	temperate regions /homegarde ns	plenty	average	used as a spice and some other medicinal uses	saunf	cooking and chewing
Herb	Haldi	<i>Corcuma domestica</i>	Herbaceous perennial	Farm lands	good	Abundant	Spice	roots	Nil
Herb	Ginger	<i>Zingiber officinale</i>	Herbaceous perennial	Farm lands	good	Abundant	Spice	roots	Nil

10	11
Other details	Community knowledge holder
NA	local farmers
NA	local farmers
NA	local farmers
NA	local farmers
NA	local farmers
NA	local farmers
Nil	local farmers
Nil	local farmers

Format 26: Timber Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Other uses, if any	Associated Tk	Any other detail	Community knowledge holder
Chir	<i>Pinus roxburghii</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Shisham	<i>Dalbergia sissoo</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Ber	<i>Ziziphus jujuba</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Sagwan	<i>Tectona grandis</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Safeda	<i>Eucalyptus</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Simbal	<i>Bombax ceiba</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Tunu	<i>Toona ciliata</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Jamun	<i>Syzygium cumini</i>	Northern/ Sub-Tropical	Good	Moderate	Commercial / own use	Timber/ Firewood	Forestry, local people
Mango	<i>Mangifera indica</i>	Northern/ Sub-Tropical	Abundant	Abundant	Commercial / own use	Timber/ Firewood	Forestry, local people
Kiker	<i>Vachellia nilotica</i>	Northern/ Sub-Tropical	Rare	Rare	Commercial / own use	Timber/ Firewood	Generally, held by community
Popular	<i>Populus ciliata</i>	Northern/ Sub-Tropical	Rare	Abundant	Commercial / own use	Timber/ Firewood	Forestry, local people

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

1	2	3	4	5	6	7		8	9
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK
						Past	Present		
Wild animal	Leopad	<i>Panthera pardus</i>	Northern/ Sub-Tropical	--	--	Good	Average		
Wild animal	Squirrela	Sciuridae	Northern/ Sub-Tropical	--	--	Good	Good		
Wild animal	Pig	Suidae	Northern/ Sub-Tropical	--	--	Good	Good		
Wild animal	Jackal	<i>Canis aureus</i>	Northern/ Sub-Tropical	--	--	Good	Good		
Wild Animal	Monkey	<i>Cercopithecidae</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-
Wild Bird	Red jungle fowl	<i>Gallus gallus</i>	Northern/ Sub-Tropical	-	-	Good	Good	nutritional v	-
Wild bird	Rose ringed parakeet	<i>Psittaculida e</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-
Wild Animal	Boar	<i>Sus scofra</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-
Wild Animal	Indian Hare	<i>lepus nigricollis</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-
Wild bird	Kalij pheasant	<i>mura leucomel</i>	Northern/ Sub-Tropical			good	average		

others)

10 Mode of Hunting, collecting (if any)	11 Other details	12 Community / Knowledge Holder
prohibited	endangered	
Weapon		
Weapon		
Weapon		
		nil
Weapon or stick		nil
-		nil
-		nil
-		nil
-		nil
prohibited		