| People Biodiversity Register (PBR): General Details |
|-------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Panchayat Samiti: Naran |
| Taluk: Ghagwal |
| District: Samba |
| State: J&K |
| Geographical Area of the Panchayat Samiti: 118.6 ha |
| Population under the Panchayat Samiti: Total - 1891 |
| Male: 968 Female: 923 |
| Habitat and Topography: Kandi area |
| Climate (Rainfall, Temperature and weather patterns): 39°C in summer & 8°C in winter |
| Land Use (Nine fold classification available with village records): Agriculture |
| Date, Month and Year of PBR Preparation: 15.09.2022 |
| Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA) / Community Owned and Managed Forest(COM) |

| Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairper nominated by the local body ; not less than one third to be women and not less than 18% belong | son and six persons jing to SC/ST) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1)Name of the Chairperson: Geetanjali sharma | |
| Age: 45 | |
| Gender:Female | |
| Address:- Naran | |
| Area of specialization: | |
| | |
| 2) Name: Samta devi | |
| Age: 34 | |
| Gender:Female | |
| Address:- Naran | |
| Area of specialization | |
| 3)Name: Aydhya devi | |
| Age:32 | |
| Gender:Female | |
| Address:- Naran | |
| Area of specialization: | |
| 4)Name: Gopal dass | |
| Age: 34 | |
| Gender:male | |
| Address:Naran | |
| Area of specialization: | |
| | |
| 5)Name: Tarsem lal | |
| Age:50 | |
| Gender: Male | |
| Address: Naran | |
| Area of specialization: | |
| | |
| 6)Name: Ramji dass | |
| Age: 48 | |
| Gender: Male | |
| Address: Naran | |
| Area of specialization: | |
| 7)Name:M.K. lehana | |
| Age:56 | |
| Gender: Male | |
| Address: Naran | |
| | |

Area of specialization:

| 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 : |
| Age: |
| Gender: |
| Address: |
| Area of specialization: |
| Location from which the person accesses biological material: local/non local |
| Perception of the practitioner on the resource status: less local resources availble |
| Medicinal Use: |

| List of individuals perceived by the villagers to possess Traditional Knorelated to biodiversity in agriculture, fisheries, and foresty | owledge (TK) |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|
| | |
| 1) Name : Ram lal | |
| Age:56 | |
| Gender: Male | |
| Address:Naran | |
| Area of specialization:Agriculture | |
| 2) Name : | |
| Age:50 | |
| Gender: | |
| Address: | |
| Area of specialization: | |
| 3) Name of the Chairperson: | |
| Age: | |
| Gender: | |
| Address: | |
| Area of specialization: | |
| 4) Name of the Chairperson: | |
| Age: | |
| Gender: | |
| Address: | |
| Area of specialization: | |
| | |
| | |
| | |

| | etails of schools, colleges, departments, universities, government institutions, non-governmental ganization and individuals involved in the preparation of the PBR |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | |
| 1) | Contact Person: Davinder Kumar (Teacher) |
| | Name and Address:Naran |
| 2) | Contact Person: |
| | Name and Address: |
| 3) | Contact Person: |
| | Name and Address: |
| 4) | Contact Person: |
| | Name and Address: |

| Detail o | 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 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | Format 1: Crop Plants | | | | | | | | | | | | | | |
|--------|-----------------------|-------|-------------------------------------------|-------------------------------------------------------------------------------------------------|------------|----------|----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------|---------------------------------------------------------|------------------------------------------|---------------------------------------------------|----------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| Сгор | Scientific | Local | Variety | Landscape | Approx. | Local | Status | Special features | Cropping | | Associated TK | Other details | Source of | Community/ Knowledge | |
| | Name | Name | | / Habitat | area shown | Past | Present | | season | Uses | | | Seeds/Plants | Holder | |
| Rice | Oryza Sativa | Dhaan | Veliyan Pura 1121 B- 370 Sarbati | Low land | 27.85H | | | Tall variety High yield Resistant to drought, flood, pest & diseases | Kharif | Food & Fodder | Provides more energy | Suitable for "Valicha" cultivation | Agriculture Deptt. Ghawal | Kurichiya Kuruma W. Chetty | |
| Maize | Zeamays | Makka | K- 517, 612 DD-9144 | Lowland valleys | 85.54H | | | Tall variety High yield Resistant to drought, flood, pest & diseases | Kharif | -do- | -do- | -do- | -do- | | |
| Wheat | /Triticum aestivum | Kanak | HD 2967 HD 3086 HD 1086 | -do- | 101H | | - | Tall variety High yield Resistant to drought, flood, pest & diseases | Rabi | -do- | -do- | | -do- | | |
| 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,chip s etc | - | High carbohydrate,pr ovide high n energy value | Rabi | Farmers / Department/ Privaate Suppliers | Farmers | |

| Chilli | Capsicum spp | Mirchi | Pusa Jawala, CH-1 | Tropica/sub tropicall vegetable,grow s well warm humid conditions | Abundant | Abundant | Pungency and flavor | Used as spice ,medicia nal 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 ,sal ad, soup,Souce | rich source of Ascorbic acid | Tomatoes are 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 carbohydratesry | Summer/ Kharif | Farmers / Department/ Privaate Suppliers | Farmers |
| Cucumber | Cucumis sativus | Kheera | Kheera local,JL | Grows in all climatoic conditions,Trop ical,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/Ku ndan | 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 |
| Beans | Phaseolus Spp. | Phaliya | Contender | Cool weather crop/Sandy/loa my 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 |

| 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,carbohy drate,phasphoru s& 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,sala d | - | Also good sourse of protein,carbohy drate,phasphoru s& iron | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| Knol khol | Brassica oleracae var.gongyloide s | 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 | Spinacea oleracea | 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 |
| 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 | 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 |
| Turnip | Brassica rapa | Gunglu /Shalgam | PTWG/Local | Cool &moist climate/sub tropical&interm edite | Abundant | Abundant | Modified Root is eatable | Root is used as Vegetable ,Sal ad,. | - | 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 / Habitat | Local | Status | Source of Seeds/Plants | Season of Fruiting | Associated TK | Uses | Other details market / | Community / Knowledge holder | | | |
| | | | | Habitat | Past | Present | Seeus/Plants | Fruiting | | | own use | Knowledge noider | | | |
| Woody Tree | Mangifera indica | Amb | Wild, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasim etc. | Sub-tropical | Good | Good | Seedling trees, grafted plants. | March to August | | Sucking, table, processing | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Litchi chinensis | Lychee | Dehradun, Calcutti, Seedless, Rose Scented | Sub-tropical | Good | Good | Layered plants. | March to July | | Table and processing | Own uses and sold in market | Popular in local population. | | | |
| Woody | D. I. | | Wild, Allahbad, Sardar, Lalit, Arka | | | | Seedling trees, | March to August, | | Table and | Own uses and | Popular in local | | | |
| Tree | · Psidium guajava | Amrood | Amulaya, Sheveta, Punjab Pink | Sub-tropical | Good | Good | grafted/ layered. | Dec. To January | | processing. | sold in market | population. | | | |
| Climber | Vitis vinifera | Angoor | Wild, Perllet, Beauty Seedless | Sub-tropical | Good | Good | Cuttings | Feb. To June | | Table and processing. | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Emblica officinalis | Amla | wild, Banarsi, Neelam, NA 7. | Sub-tropical | Good | Good | Seedling trees, grafted plants. | March to Nov. | | Processing | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Citrus sinensis | Mosammi | Mosambi, Jaffa, Red Blood | Sub-tropical | Good | Good | Grafted Plants | March to Jan. | | Table and processing. | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Citrus reticlata | Sangtra | Kinnow, Sangtra | Sub-tropical | Good | Good | Grafted Plants | March to Jan. | | Table and processing. | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Citrus aurantifolia | Nimboo | Wild, Kagzi, Italian, Eureka | Sub-tropical | Good | Good | Grafted Plants | March to Oct. | | Processing. | Own uses and sold in market | Popular in local population. | | | |
| Woody Tree | Ctrus limon | Galgal | Wild | Sub-tropical | Good | Good | Seedling andn Grafted Plants | March to Sept. | | Processing. | Own uses and sold in market | Popular in local population. | | | |

| Woody Tree | Ctrus medica | Kimb | Wild | Sub-tropical | Good | Good | Seedling trees | March to Sept. | Proces | sing. | Own uses and sold in market | Popular in local population. |
|---------------|-------------------------|-------------|----------------------------|--------------|------|------|---------------------------|----------------|-------------------------------------|-------------|-----------------------------|------------------------------|
| Woody Tree | Citrus jambhiri | Jamiri | Wild | Sub-tropical | Good | Good | Seedling trees | March to Oct. | Processin sto | | Own uses and sold in market | Popular in local population. |
| Woody Tree | Citrus limettoides | Mithoo | Wild | Sub-tropical | Good | Good | Seedling trees | March to Sept. | Table proces | | Own uses and sold in market | Popular in local population. |
| Woody Tree | Citrus x floridana | Kumquat | Wild | Sub-tropical | Good | Good | Grafted Plants | March to Jan | Proces | sing. | Own uses and sold in market | Popular in local population. |
| Woody Tree | Citrus tangerina | Narangi | Wild | Sub-tropical | Good | Good | Grafted Plants | March to Dec. | Ornamer proces | | Own uses | Popular in local population. |
| Woody Tree | Zizyphus mauritiana | Ber | Umran, Katha, Seb | Sub-tropical | Good | Good | Grafted Plants | March to Nov. | Table pu | rposes | Own uses and sold in market | Popular in local population. |
| Woody Tree | Zizyphus jujuba | Phowari Ber | Wild | Sub-tropical | Good | Good | Seedlings | March to Nov. | Table pı | rposes | Own uses and sold in market | Popular in local population. |
| Bush | Grewia subinaequalis | Phalsa | Wild | Sub-tropical | Good | Good | Seedlings and Cuttings | March to July | Proces | sing | Own uses and sold in market | Popular in local population. |
| Woody Tree | Syzygium cumini | Jamun | Wild | Sub-tropical | Good | Good | Seedlings and Grafted | March to July | Proces | sing | Own uses and sold in market | Popular in local population. |
| Bush | Carissa carandas | Gerna | Wild | Sub-tropical | Good | Good | Seedlings | March to July | Table pu and proc | | Own uses and sold in market | Popular in local population. |
| Woody Tree | Prunus persica | Aru | Wild, Sun Red, Florida Sun | Sub-tropical | Good | Good | Grafted Plants | Feb. to June | Table pu and proc | | Own uses and sold in market | Popular in local population. |
| Woody Tree | Morus alba | Shahtoot | Wild, China | Sub-tropical | Good | Good | Cuttings | March to July | Table pu leave rear Silkwa | s for ng | Own uses and sold in market | Popular in local population. |
| Soft Tree | Carica papaya | Papita | Wild, Red Lady, Pusa Nana | Sub-tropical | Good | Good | Seedlings and hybrids | March to Nov. | Table pu | rposes. | Own uses and sold in market | Popular in local population. |

| | Format 3: Fodder Crops / Species | | | | | | | | | | | | | | |
|---------|----------------------------------|-----------|-------------|--------|-----------------|-------------------------------|------------|----------------------------|---------------|------------------|---|---|---|----|--|
| 1 | 2 | 3 | 4 | 5 | | 5 | | 5 | | 6 | 7 | 8 | 9 | 10 | |
| Plant | Scientific | Local | Landscape / | Local | Status | Source of Plants / Seeds | Associated | Part | Other details | Community / | | | | | |
| | Name | Name | Habitat | Past | Present | | ТК | Used | | Knowledge holder | | | | | |
| Barseem | Trifolium alexandrinum | Chhatalla | All type | Fooder | Fooder | Agriculture Deptt. Ghagwal | | All | | | | | | | |
| Sorghum | Sorghum spp. | cherri | Annual | 6840 | Warm & humid | Abundant | Abundant | Above ground part of plant | | | | | | | |
| Oats | Avena fatua | Javi | Annual | | | Abundant | Abundant | Above ground part of plant | | | | | | | |
| Maize | Zea mays | Makki | Annual | | | Abundant | Abundant | Above ground part of plant | | | | | | | |

| | Format 4: Weeds | | | | | | | | | | | | | |
|-------------|-----------------------|----------------|-------------------------|-----------------------|------------------------|--------|---------|---------------------------------|------------------|---------------|------------------------------|---------------------------------|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 | | |
| Plant | Scientific Name | Local Name | Affected crop | Impact | Landscape / Habitat | Local | Status | Uses if any | Management | Associated TK | Other details like exotic | Community / Knowledge helder | | |
| | | | | - | парна | Past | Present | | options | | inke exotic | Knowledge holder | | |
| Bathu | Chinopodium album | Bathu | Wheat | Decreasingof yield | All | Normal | Normal | Fooder | Mannual weding | | | | | |
| Dherv grass | Cynodone dectilone | Khabbal | All crops | Host of insect | All | Normal | Normal | Fooder | Chemical control | | | | | |
| Motha | Cypius Ratandus | Dela | All crops | Pest | All | Normal | Normal | Fooder | Post/Pre | | | | | |
| Pig Weed | Amaranthus virdis | Jangli Choulai | Rice, Maize & sugarcane | Annual herb | Agri. Land | Normal | Normal | Eaten as boiled green veg | | | | | | |
| Bang | Cannabis indica | Bang | Kharif Crops | Perennial | Agri. & wasteLand | Normal | Normal | | | | | | | |

| | 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 | | | | |
| Weeds | Grass Hopper | Callifera | Trida | Eat veg. area of Plant | Vegetative growth | Chemicals application | | | | | | | |
| NA | Falls Armywrom | Liucinodes orbanlis | Ludi | Nighteural Habbit | Knee hight stage | Chemicals application | | | | | | | |
| Soil | Termite | Isoptera | Sink | eating roof & whole plant | attack in germination and maturity stage | Chemicals application | | | | | | | |
| Grass | Red Pumpkin beetel | Aulaphora fovecollis | Bhundi | Veg. Portion | at veg. stage | Chemicals application | | | | | | | |
| Vegetative & Fruits | Snail | | Chakki | Veg. & Fruits | Through out season | Chemicals application | | | | | | | |
| maize | Cut worm | Chilo partellus | Sundi /Tana- shedak | Attacks Maize, sorghum , Bajra & sugarcane | July to sept | Mechanical& Chemical measures | - | Causes dead hearts in young plants | Farmers | | | | |

| | | Format | 6: Markets for Domes | ticated 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 |
| | | | | | | | | |
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| | 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 | | | | |
| Total=1891 | Agriculture | Labourer | Agriculture land | Wheat, Rice, Rabi, Kharif | Agricultural Practices | Sale through local market | General caste | Justiciable | Households | HHs=340 | | | | |
| | | | | | | | | | | | | | | |
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| | Format 8: Landscape | | | | | | | | | | | | | |
|----------------------|----------------------|-------------|----------|---------------------------------------|-------------------------------------|------------------------------|--------------------------------------------------------------------|--------------------------------------------|-------------------------|----------------------------|------------------|------------------|-----------------------|--|
| | 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| Ν | Major Landscapes | | | _ | | | | | | | | | | |
| Agricultural land | Pond | Fallow Land | | Features and approx. Area | Ownership | General flora | General fauna | User groups | Management practices | General uses | Associated TK | Other details | Community accessed | |
| Р | Plains & Kandi areas | | Plains | Hilly as wellas | Forest land, Private,State 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,State lands | Broad leaved and conifers | Domestic animals, Wildlife such as porcupine, Jackal etc. | Public,as well as pvt. And Govt.also | | Plantation and agriculture | | | | |
| | Shiwalik areas | | Hills | Hills with gentle slopes | Forest land, Private,State lands | Broad leaved and conifers | Domestic animals, Wildlife such as porcupine, Jackal etc. | Public,as well as pvt. And Govt.also | | Plantation and agriculture | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | 827 | | | | |

| | 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 | | | Forest land and Private land | Kamal, Bar Yan | Frogs,fishes, Torotoise, snakes,snail | Cattles,washing cloths,irrigation Drinking etc. | Public | | | | | | |
| Streams | | | Forest land and Private land | | Frogs,fishes, Torotoise, snakes,snail | Cattles,washing cloths,irrigation Drinking etc. | Public | | | | | | |
| Tube well | | | Forest land and Private land | | Frogs,fishes, Torotoise, snakes,snail | Cattles,washing cloths,irrigation Drinking etc. | Public | | | | | | |
| Dug | | | Private | | Frogs,fishes, Torotoise, snakes,snail | Cattles,washing cloths,irrigation Drinking etc. | Public | | | | | | |
| Canals | | | Private | | Snakes | | Public | | | | | | |
| Hand | | | Private | | Frogs | Cattles | Public | | | | | | |
| | | | | | | | | | | 827 | | | |

| | Format 10: Soil type | | | | | | | | | | | | |
|--------------------------------|----------------------|--------------------|-----------------|---------------------------|-----------------|------------------|----------------------|--------------------------|------------|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| Soil Type | Color & Texture | Features | Soil management | Plants / crop suitable | Flora and fauna | Associated TK | Other information | Nature of inhabitants | No. of HHs | | | | |
| Alluvial sandy soil | Fine & coarse grain | rich in N,ca,fe,si | | | | | | | | | | | |
| Hill and moutauin soil | Fine & coarse grain | ca,fe,n,si,etc. | | | | | | | | | | | |
| Red podozolic soil | brown,red | fe,ca,fe,n,si | | | | | | | | | | | |
| Unconsolidated boulder soil | Coarse grain,rocky | fe,si | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | F | ormat 11: | Fruit Trees | | | | | | | | | |
|------------|------------|---------------------|------------------------------------------------|-----------------------|------|-----------|---------------------------------------|--------------------|-------------------------------|---------------------------|--------------------------------|------------------------------------|
| 1 | 2 | 3 | 4 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ Habitat | Loc | al Status | Source of plant/seeds | Season of Fruiting | Uses (usage) | Associated TK | Other details market/own | Community/ Know. holder |
| | | Name | | Habitat | Past | Present | plant/secus | | | | use | Know. nonuci |
| Woody | | | Local, Dashehari, | | | | | March to | | Record | | |
| Tree | | | Malda, Amrapali, | | | | | August | | vailable in old books. | | |
| | Amb | Mangifera indica | Mallika, Langra, | Sub-tropical | Good | Good | Seedling trees, grafted plants. | | Sucking, table, processing | | Own uses and sold in market | Popular in local population. |
| | | | Swarn Rekha, | | | | | | | | | |
| | | | Chausa, Fazli, Totapuri, Ramkila, Baramasi. | | | | | | | | | |
| Woody | | | Local, Allahbad, | | | | | March to | | | | |
| Tree | Amrood | Pidium | Sardar, Lalit, Arka | Sub-tropical | Good | Good | Seedling trees, | August, | Table and | Introduced by traders and | Own uses and sold | Popular in local |
| | Annood | guajava | Amulaya, Sheveta, | Sub-riopical | Good | 0000 | grafted/ layered. | Dec. To | processing. | domesticated locally. | in market | population. |
| | | | Punjab Pink | | | | | January | | | | |
| Climber | Angoor | Vitis vinifera | Local, Perllet, | Sub tropical | Good | Good | Cuttings | Feb. To | Table and | Introduced by traders and | Own uses and sold | Popular in local |
| Climber | Angoor | vius vinijera | Beauty Seedless | Sub-tropical | Good | G000 | Cuttings | June | processing. | domesticated locally. | in market | population. |
| Woody | Amlo | Emblica | Local, Banarsi, Neelam, | Cub tranical | Good | Good | Seedling | Marsh to Nov | Dragoning | Record | Own uses and sold | Popular in |

| Tree | Аша | officinalis | NA 7. | зио-порісаі | UUUU | 0000 | plants. | match to mov. | riocessing | vailable in old books. | in market | population. |
|-------|---------|--------------|-------------------|--------------|------|------|--------------------------|----------------|------------------|---------------------------|-----------------------|----------------------|
| Woody | | Citrus | Mosambi, Jaffa, | | | | Grafted | Nr. 17. T | Table and | Record | Own uses and sold | Popular in local |
| Tree | Mosammi | sinensis | Red Blood | Sub-tropical | Good | Good | Plants | March to Jan. | processing. | vailable in old books. | in market | local population. |
| Woody | Sangtra | Citrus | Kinnow, Sangtra | Sub-tropical | Good | Good | Grafted | March to Jan. | Table and | Record | Own uses and sold | Popular in local |
| Tree | Jangua | reticlata | Killilow, Saligua | Sub-uopicai | 0000 | Good | Plants | March to Jan. | processing. | vailable in old books. | in market | population. |
| Woody | Nimboo | Citrus | Local, Kagzi, | Sub-tropical | Good | Good | Grafted | March to Oct. | Processing. | Record | Own uses and sold | Popular in local |
| Tree | Niiiooo | aurantifolia | Italian, Eureka | Sub-uopicai | 0000 | Good | Plants | Match to Oct. | Trocessing. | vailable in old books. | in market | population. |
| Woody | Galgal | Ctrus limon | Local | Sub-tropical | Good | Good | Seedling andn Grafted | March to Sept. | Processing. | Record | Own uses and sold | Popular in local |
| Tree | Gaigai | Cirus ilmon | Local | Sub-uopicai | 0000 | 0000 | Plants | March to Sept. | Trocessing. | vailable in old books. | in market | population. |
| Woody | Kimb | Ctrus medica | Local | Sub-tropical | Good | Good | Seedling | March to Sept. | Processing. | Record | Own uses and sold | Popular in local |
| Tree | Killib | Cirus meuicu | Local | Sub-tropical | 0000 | Good | trees | March to Sept. | Processing. | vailable in old books. | in market | population. |
| Woody | Jamiri | Citrus | Local | Sub-tropical | Good | Good | Seedling | March to Oct. | Processing, root | Record | Own uses and sold | Popular in local |
| Tree | Jamiri | jambhiri | Local | Sub-tropical | Good | 0000 | trees | | stock | vailable in old books. | in market | population. |
| Woody | Mithoo | Citrus | Local | Sub-tropical | Good | Good | Seedling | Manah ta Sast | Table and | Record | Own uses and sold | Popular in local |
| Tree | Mittioo | limettoides | Local | Sub-tropical | Good | 0000 | trees | | | vailable in old books. | able in old in market | |

| Woody | Jamun | Syzygium | Local | Such transient | Good | Good | Seedlings | March to | December | Record | Own uses and sold | Popular in local |
|------------|----------|----------------------|-----------------|----------------|--------------|------|-------------|---------------|-------------------------|----------------------------------------------|--------------------------------|------------------------------------|
| Tree | Jamun | cumini | Locai | Sub-tropical | Good | Good | and Grafted | July | Processing | vailable in old books. | in market | population. |
| Woody | A | Punica | Local, Ganesh, | Such transisal | Good | Good | Cuttings | March to | Table purposes | Record | Own uses and sold | Popular in local |
| Tree | Anar | granatum | Kandhari, | Sub-tropical | Good | Good | Cuttings | July | and processing | vailable in old books. | in market | population. |
| | Nakh | Pyrus | Pathar Nakh | Sub-tropical | Good | Good | Grafted | Feb. to | Table purposes | Introduced by traders and | Own uses and sold | Popular in local |
| | INAKII | communis | raulai Ivakii | Sub-uopicai | 0000 | 0000 | Plants | June | and processing | domesticated locally. | in market | population. |
| Woody | A | Prunus | Local, Sun Red, | Sub-tropical | Good | Good | Grafted | Feb. to | Table purposes | Introduced by traders and | Own uses and sold | Popular in local |
| Tree | Aru | persica | Florida Sun | Sub-tropical | Good | Good | Plants | June | and processing | domesticated locally. | in market | population. |
| Woody Tree | Shahtoot | Morus alba | Local, China | Such transisal | Cood | Good | Cuttings | March to | Table purposes, rearing | Introduced by traders and | Own uses and sold | Popular in local |
| Woody | Snantoot | Morus alba | Local, China | Sub-tropical | Good | Good | Cuttings | July | Silkworms. | domesticated locally. | in market | population. |
| Tree | Fig | Ficus carica | Local | Sub-tropical | Good | Good | Seedlings | March to July | Table purposes. | Introduced by traders and domesticated | Own uses and sold in market | Popular in local population. |
| Soft | Donito | Papita Carica papaya | Local Red Lady, | Sub tropics! | ropical Good | | Seedlings | March to Nov. | Table numeror | Record | Own uses and sold | Popular in local |
| Tree | Papita | | Pusa Nana | Sub-tropical | Good | Good | and hybrids | march to nov. | Table purposes. | vailable in old books. | in market | population. |

| | | | | Format 12 | 2: Medici | inal Plants | s (Herbs, S | hrubs, Trees etc.) | | | | |
|---------------|--------------|-------------------------|-----------|-------------------------------------|------------------|-------------|-------------|----------------------------------------|--------------|------------|---------------|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
| Plant | L ocal Nama | Scientific Name | Variety | Landscape/ | Source of plant/ | Loca | l status | Uses (usage) | Part used | Associated | Other details | Community/ |
| Туре | | Scientific Ivanie | v ar iety | Habitat | seeds | Past | Present | - Uses (usage) | i ait useu | ТК | market/own | Know. |
| Herbs | Jungli putna | Mentha arvensis | | Lower shiwalik/Temperate area | Root | Abundant | Abundant | nil | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Bareyan | Acorus calamus | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Bhang | Canabis sativia | | Lower shiwalik | Seed | Abundant | Abundant | nil | | N.A | N.A | Generally, held by community |
| Tree | Amla | Phyllanthus emblica | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/Fruit | N.A | N.A | Generally, held by community |
| Tree | Bill-Patre | Aegle mermelos | | Sub-Tropical area | Seed | Abundant | Abundant | nil | Root | N.A | N.A | Generally, held by community |
| Tree | Harad | Terminalia chebula | | Lower shiwalik | Seed | Abundant | Abundant | Good for digestion | Stem/Fruit | N.A | N.A | Generally, held by community |
| Tree | Jaman | Syzygium cumini | | Lower shiwalik | Seed | Abundant | Abundant | maintains sugar level in human body | Leaves/Fruit | N.A | N.A | Generally, held by community |
| Tree | Kakad-Singhi | Pistacia khinjuk | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/Fruit | N.A | N.A | Generally, held by community |
| Tree | Amla | Amblica officinales | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves/Bark | N.A | N.A | Generally, held by community |
| Tree | Neem | Azadirecta indica | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves/Bark | N.A | N.A | Generally, held by community |
| Shrubs | Bhang | Cannabis sativum | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves/Bark | N.A | N.A | Generally, held by community |
| Holy Basil | Tulsi | Ocimum tenuiflorum | | lower shiwalik | | Abundant | Abundant | Antioxidant | | | | |
| Aloe vera | Aloe vera | Aloe barbadensis | | lower shiwalik | | Abundant | Abundant | Antibacterial | | | | |
| Climber | Giloe | Tinospora cordifolia | | lower shiwalik | | Good | good | | | | | |

| | 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 | | | | | |
| Ornamental Tree | Kachnar | Bauhinia Variegata | | Nurseries/ Forest | Non commercial | Ornamental/ Landscaping | Used for Dysentry, Diarrhoea | Pink flowers in Summer | Floriculturists/ Nurserymen/Gardeners | | | | | |
| Bushes/ | Nerium | Nerium Oleander | | Nurseries | Non commercial | Ornamental/ | Epiplepsy, cancer | Avenue plantation | Floriculturists/ | | | | | |
| Shrubs | Wentum | Nerium Oleunuer | | Nuiseries | Non commerciar | Landscaping | Lpipiepsy, cancer | Avenue plantation | Nurserymen/Gardeners | | | | | |
| Bushes/ | Kaner | Thevetia Peruviana | | Nurseries | Non commercial | Ornamental/ | Fevers | Flower most of the | Floriculturists/ | | | | | |
| Shrubs | Kalici | <i>Thevena T er uviana</i> | | Nuiseries | Non commerciar | Landscaping | revers | year | Nurserymen/Gardeners | | | | | |
| Bushes/ | Motia | Jasminum sambac | | Nurseries | Non commercial | Ornamental/ | Used in Hepatitis, | Flower throughout the | Floriculturists/ | | | | | |
| Shrubs | Motia | Jasminum samoac | | Nurseries | Non commercial | Landscaping | dysentry | year | Nurserymen/Gardeners | | | | | |
| Herbs Seasonals | Guldopahar | Portulaca Grandiflora | | Nurseries | Non commercial | Ornamental/ Landscaping | Antioxidant, antibacterial | Summer annual flower | Floriculturists/ Nurserymen/Gardeners | | | | | |
| Pot Plants | Thur | Cactus spp | | Nurseries | Non commercial | Ornamental/ Landscaping | Folk medicines | Thorny succulents | Floriculturists/ Nurserymen/Gardeners | | | | | |

| | | | | Forma | t 14: Timb | er Plants / Tr | ees | | | |
|------------|------------|----------------------|-------------------|----------|------------|-----------------------|-----------------------|------------------|------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 8 | 9 | 10 |
| Plant Type | Local Name | Scientific Name | Habitat | Local | status | Wild/ home- garden | Other uses (multi) | Associated TK | Other details | Community/ Know. holder |
| | | Ttame | | Past | Present | garuen | | | uctans | nonucr |
| Trees | Kiker | Acacia nilotica | Lower shiwalik | Rare | Rare | Wild | own | nil | nil | Generally, held by community |
| Trees | Mangoo | Mangifera iIndica | Lower shiwalik | Abundant | Abundant | Wild/ home- garden | own | nil | nil | Generally, held by community |
| Trees | Safeda | Eucalyptus spp. | Lower shiwalik | Rare | Abundant | Wild | commercial | nil | nil | Generally, held by community |
| Trees | Sree | Albizzia lebbeck | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Talli | Dalbergia sissoo | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Tuni | Toona ciliata | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Popular | Populus ciliata | Lower shiwalik | Rare | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Jammun | Syzygium cumini | Lower shiwalik | Rare | Abundant | Wild | own | nil | nil | Generally, held by community |

| | | | | | Forma | t 15: Dom | esticated | Animals | | | | |
|--------|------------|--------------|------------------------|------------------------------------|---------------|------------------|------------------|-----------------------------|---------------------------------------|------------|-------------------------------------|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | - | 7 | 8 | 9 | 10 | 11 | 12 |
| Animal | Local Name | Scientific | Breed (local/ | Features | Method of | Local | Status | Uses | Associated TK | Commercial | Other details including products | Community Know. |
| Туре | | Name | hybrid) | | keeping | Past | Present | | | rearing | and services | Holders |
| Sheep | Bhed | Ovis aries | Local | Small size, rough coat | Flock rearing | Least concern | Least concern | Mutton, wool and manure | Desi Chai, Methre, Ajowain, Ganera | Yes | Bones, skin and gut | Locals and nomads |
| Sheep | Bhed | Ovis aries | Rambouillet Cross | Large size, fine wool | Flock rearing | Least concern | Least concern | Mutton, hairs and manure | Desi Chai, Methre, Ajowain, Ganera | Yes | Bones, skin and gut | Locals and nomads |
| Goat | Bakri | Capra hircus | Local | Small size, low body weight | Flock rearing | Least concern | Least concern | Chevon, hairs and manure | Desi Chai, Methre, Ajowain, Ganera | Yes | Bones, skin and gut | Locals and nomads |
| Goat | Bakri | Capra hircus | Kaghani (Bakerwali) | Large size, high body weight | Flock rearing | Least concern | Least concern | Chevon, hairs and manure | Desi Chai, Methre, Ajowain, Ganera | Yes | Bones, skin and gut | Locals and nomads |
| Goat | Bakri | Capra hircus | Beetal | Large size, high body weight | Flock rearing | Least concern | Least concern | Chevon, hairs and manure | Desi Chai, Methre, Ajowain, Ganera | Yes | Bones, skin and gut | Locals and nomads |
| | 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 |
| | Punjabi Mais | Bubalus bubalis | Murrah /Graded | Black color body | stall feeding / semi intensive | Very few | Increased | Dairy | Nil | Yes | Milk | All |

| | Format 16 : Culture Fisheries | | | | | | | | | | | | | | |
|-----------------------|-------------------------------|--------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|-----------------------|---------------|----------------------------|----------------|-------------------------------------------------------------------------------------------------------|---------------------------|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 | | | |
| Fish Type | Local Name | Name DDer/ (alao) | | status | tatus Uses | | Commercial rearing | Other details | Community Know. Holders | | | | | | |
| | | | bberi/ talabj | Past | Present | | ТК | Tearing | | Kilow. Holders | | | | | |
| Indian Major Carps | Catla | Catla catla | IMC | Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly. | Ponds | Plenty | Plenty | Food Fish | - | Yes | Caught by drag/ cast net. Breeds during monsoon. Accepts naturall as well as artifical feed. | Fish Farming Community | | | |
| Exotic Carps | Common Carp | Cyprinus carpio | Exotic Carp/ Scale Carp | Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protudible mouth and lips are extended like a short tube for sucking up food, hardy in nature. | Ponds | Plenty | Plenty | Food Fish | - | Yes | Caught by drag/ cast net. Breeds during monsoon. Accepts naturall as well as artifical feed. | Fish Farming Community | | | |

| | | Format 17: Markets | / Fairs for I | Domesticated Anir | nals, Medicir | nal Plants and ot | her 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 |
| | | | | | | | | |
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| | 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 | Habit | Habitat | Local | Status | Commierical/ | Part Collected | Associated TK | Others details | Community Knowledge | | | |
| | | Name | | | Past | Present | Own use | | | | Holder | | | |
| Amli | Phyllanthus emblica | Tree | Sub - Tropical | Available | Available | Own Use | Fruits | Used in Gastro Problem | Medicinal use | Self observed | | | | |
| Ber | Ziziphus jujuba | Tree | Sub - Tropical | Available | Available | Own Use | Fruits | | Medicinal use | Self observed | | | | |
| Garna | Carissa spinarum | Shrubs | Sub - Tropical | Available | Available | Own Use | Fruits | | | Self observed | | | | |
| Jamun | Syzygium cumini | Tree | Sub - Tropical | Available | Available | Own Use | Fruits/Wood | Used for Diabetes | | Self observed | | | | |
| Khair | Acacia catechu | Tree | Sub - Tropical | Available | Available | Own Use | Leaves and Wood | | | Self observed | | | | |
| Kodh | Aloe barbadensis | Tree | Sub - Tropical | Available | Available | Own Use | Leaves and Wood | | | Self observed | | | | |
| Krongal | Cassia fistula | Tree | Sub - Tropical | Available | Available | Own Use | Leaves and Wood | | | Self observed | | | | |
| Talli | Dalbergia sisso | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | | Self observed | | | | |
| Thub / Dudhruk | Erythrina spp. | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | | Self observed | | | | |
| Badh | Ficus religiosa | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | | Self observed | | | | |
| Bilan | Aegle marmelos | Tree | Sub - Tropical | Available | Available | Own Use | Fruits/Wood | | | Self observed | | | | |
| Gandila | Nerium oleander | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | | Self observed | | | | |

| Harad | Terminalia chebula | Tree | Sub - Tropical | Available | Available | Own Use | Fruits/Wood | | Self observed | |
|-----------|-----------------------|------|----------------|-----------|-----------|---------|-------------|--|---------------|--|
| Amb | Mangifera indica | Tree | Sub - Tropical | Available | Available | Own Use | Fruits/Wood | | Self observed | |
| Soyanjana | Moringa oleifera | Tree | Sub - Tropical | Available | Available | Own Use | Fruits/Wood | | Self observed | |
| Tunnu | Toona ciliata | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | Self observed | |
| Neem | Azadirachta indica | Tree | Sub - Tropical | Available | Available | Own Use | Wood | | Self observed | |

| | | Format 19: Wild | Plant Species of | Importance | |
|--------|------------------------|--------------------------|------------------|---------------------------------------------------|-----------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| SI. No | Local Name | Scientific Name | Variety | Importance(as economic, social, cultural etc.) | Status |
| | Parkanda | Achyranthes aspera | Wild | Social and Economic | Available |
| | Bel | Aegle marmelos | Wild | Social and Economic | Available |
| | Kuad Gandal | Aloe barbadensis | Wild | Social and Economic | Available |
| | Chaleri Saag | Amaranthus viridis | Wild | Social and Economic | Available |
| | Kathal | Artocarpus heterophyllus | Wild | Social and Economic | Available |
| | Neem | Azadirachta indica | Wild | Social and Economic | Available |
| | Bamboo | Bambusa bambos | Wild | Social and Economic | Available |
| | Bamboo | Bambusa nutans | Wild | Social and Economic | Available |
| | Bhang | Cannabis sativa | Wild | Social and Economic | Available |
| | Safeda | Eucalyptus camaldulensis | Wild | Social and Economic | Available |
| | Hybrid safeda | Eucalyptus tereticornis | Wild | Social and Economic | Available |
| | Badh or Pipal | Ficus religiosa | Wild | Social and Economic | Available |
| | Toot | Morus alba | Wild | Social and Economic | Available |
| | Drenkeri | Murraya koenigii | Wild | Social and Economic | Available |
| | Congress Grass or Jari | Parthenium hysterophorus | Wild | Social and Economic | Available |
| | Amla | Phyllanthus emblica | Wild | Social and Economic | Available |

| | Format 20 : Aquatic Biodiversity | | | | | | | | | | | | |
|--------------------|----------------------------------|---------|----------|---------|-------|---------|------|---------------|---------|------------|--|--|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | | | |
| | | | | | Local | Status | | | Other | Community/ | | | |
| Local Name | Scientific Name | Variety | Features | Habitat | Past | Present | Uses | Associated TK | details | Knowledge | | | |
| Lotus | Nelumbo nucifera | | | aquatic | | | | | | | | | |
| Sweet flag | Acorus calamns | | | aquatic | | | | | | | | | |
| morning glory | Ipomea carnea | | | aquatic | | | | | | | | | |
| Waterthymes | Hydrilla spp | | | aquatic | | | | | | | | | |
| Water clover | Marsilea spp | | | aquatic | | | | | | | | | |
| Water hyacinths | Eichornea | | | aquatic | | | | | | | | | |

| | | Fo | rmat 21 : Wi | ld Aquatic Plant Species of | f Importance | | |
|-------|----------------------------------|-------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| S.No. | Local Name | Scientific Name | Variety | Features | Habitat | Importance | Trends |
| 1 | Duck Weed | Lemna major | Floating | Lemna major grow as simple free- floating thalli on or just beneath the water surface. Most are small, not exceeding 5 mm in length. | On the surface of water of ponds | Used as a livestock feed and mannure for fields | |
| 2 | Water Hyacinth, Floating Weed | Eichhornia crassipes | Invasive | Can be used to make compost, Mulching & to Clean Sewage | Free Floating Weed | | |
| | | | | | | | |
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| | | | | | | | |

| | Format 22: Wild Plants of Medicinal Importance | | | | | | | | | | | | |
|---------------------------|------------------------------------------------|------------------------|---------|------------------------------|--------------|-----------|------------------|-------------|-----------|----------------------------------|-------------------------|--|--|
| 1 | 2 | 3 | 4 | 5 | 5 6 | | 7 | 8 | 9 | 10 | 11 | | |
| Plant (Herb, Shrub, | Local name | Scientific Name | Variety | Landscape /Habitat | Local Status | | Associated TK | Uses(usage) | Part used | Others details market/own use | Community/ Knowledge | | |
| tree) | | | | | Past | Present | | | | | Holder | | |
| Tree | Bel | Aegle marmelos | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Neem | Azadirachta indica | Wild | Sub-troplical | Available | Available | | | | | | | |
| Shrubs | Bhang | Cannabis sativa | Wild | Sub-troplical | Available | Available | | | | | | | |
| Herbs | Brahmi buti | Centella asiatica | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Kapoor | Cinnamomum camphora | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Toot | Morus alba | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Amla | Phyllanthus emblica | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Reetha | Sapindus mukorossi | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Jamun | Syzygium cumini | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Imli | Tamarindus indica | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Harar | Terminalia chebula | Wild | Sub-troplical | Available | Available | | | | | | | |
| Tree | Sukchain | Pongamia pinnata | Tree | Northern/Sub- Tropical | Good | Good | | Medicinal | Bark | | | | |
| Climber | Giloe | Tinospora cordifolia | | Alluvial plain/Farm lands | Good | Good | - | Medicinal | Stem | - | | | |

| | | | Format | 23: Wild re | latives of C | rops | | | | |
|--------------|--------------------|-----------------|---------------------|-------------|-------------------|----------------------------------------|-----------------------|------------|---------------|------------------|
| 1 | 2 | 3 | 4 | : | 5 | 6 | 7 | 8 | 9 | 10 |
| Local | Scientific | | | Local | Local Status Uses | | Part | Associated | | Community / Know |
| Name | Name | Associated crop | Landscape / Habitat | Past | Present | (usage) | Used | ТК | Other details | holder |
| Chaleri Saag | Amaranthus viridis | | Sub-troplical | Available | Available | protect against oxidative stress | leaves | | | Farmer |
| Jangli Putna | Mentha arvensis | | Sub-Tropical | Available | Available | digestive health | leaves | | | Farmer |
| Wild onion | Allium canadense | | Sub-Tropical | Available | Available | anti- inflammatory properties | bulb, stem, flower | | | Farmer |
| Wild oats | Avena fatua | | Sub-Tropical | Available | Available | moderate stress | seeds | | | Farmer |
| | | | | | | | | | | |

| | | | Format 2 | 4: Ornamental Plants | | | |
|---------------|--------------------|---------|-------------|-------------------------------------|-----------------------|---------------------|--------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Local Name | Scientific Name | Variety | Habitat | Commercial / Non-commercial Uses | Associated TK | Any other Detail | Community/ Knowledge Holder |
| Kachnar | Daukinia naviozata | | Terrestrial | Non commercial | Used for Dysentry, | Pink flowers in | Floriculturists/ |
| Kacnnar | Bauhinia variegata | | Subtropical | Non commercial | Diarrhoea | Summer | Nurserymen/Gardeners |
| Nerium | Nerium oleander | | Terrestrial | Non commercial | F.: | A | Floriculturists/ |
| Nerium | Nerium oleanaer | | Subtropical | Non commercial | Epipiepsy, cancer | Avenue plantation | Nurserymen/Gardeners |
| Kaner | Therestin | | Terrestrial | Non commercial | Fevers | Flower most of the | Floriculturists/ |
| Kaner | Thevetia peruviana | | Subtropical | Non commercial | Fevers | year | Nurserymen/Gardeners |
| Bottle Brush | Callistonmon ann | | Terrestrial | Non commercial | Theraputic uses | Foilage and | Floriculturists/ |
| Bottle Brush | Callistemmon spp. | | Subtropical | Non commercial | I neraputic uses | flowers | Nurserymen/Gardeners |
| Decor Deci | D So l hubrida | | Terrestrial | Non commercial | Antidiabetic, | Multicoloured | Floriculturists/ |
| Bogan Bael | B.Sp & hybrids | | Subtropical | Non commercial | antiinflammatory | flowers | Nurserymen/Gardeners |
| A | | | Terrestrial | Non commercial | Traditional | Succulent | Floriculturists/ |
| Agave | Agave angustifolia | | Subtropical | ivon commerciai | medicines | Succulent | Nurserymen/Gardeners |
| Thur | Creature | | Terrestrial | Non commercial | Folk medicines | Thomas | Floriculturists/ |
| 1 nur | Cactus spp | | Subtropical | | FOIK medicines | Thorny succulents | Nurserymen/Gardeners |

| | | | F | ormat 25: Fu | migate / C | hewing Pl | ants | | | | |
|---------------------------|-------------|-------------------------|---------|-----------------------------------|------------|--------------|-----------|-----------|------------------|----------------------------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 |
| Plant (Herb, Shrub, | Local name | Scientific Name | Variety | Habitat | Local | Local Status | | Part used | Associated TK | Others details (mode of use) | Community Knowledge Holder |
| Tree) | | | | | Past | Present | | | | (| |
| | Jungli toot | Broussonetia papyrifera | | | | | | | | | |
| | Garna | Carissa spinarum | | | | | | | | | |
| | Brahmi buti | Centella asiatica | | | | | | | | | |
| | Khas Khas | Chrysopogon zizanoides | | | | | | | | | |
| | Kapoor | Cinnamomum camphora | | | | | | | | | |
| | Imli | Tamarindus indica | | | | | | | | | |
| Herb | Pudina | Mentha spp. | | Homestead, agricultural land | Abudant | Abudant | Spice | leaves | | | |
| Tree | Curry tree | Murraya koenigii | | Moist forest and agricultral land | Abudant | Abudant | Spice | leaves | | | |
| Herb | Wild Tulsi | Ocimum sanctum | | Moist soil | Abudant | Abudant | Medicinal | leaves | | | |

| | | Fo | ormat 26: T | imber Plan | ts | | | |
|---------------|------------------------|-------------|--------------|------------|----------------|------------------|---------------|--------------------------------|
| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | 8 |
| Local Name | Scientific Name | Habitat | Loca | Status | Other uses, if | Associated TK | Other Details | Community/ Knowledge Holder |
| | | | Past Present | | any | IK | | Kilowieuge Holder |
| Khair | Acacia catechu | Subtropical | | | | | | |
| Exotic acacia | Acacia farnesiana | Subtropical | | | | | | |
| Phulai or Fly | Acacia modesta | Subtropical | | | | | | |
| Kikar | Acacia nilotica | Subtropical | | | | | | |
| Parkanda | Achyranthes aspera | Subtropical | | | | | | |
| Bel | Aegle marmelos | Subtropical | | | | | | |
| Kala Siris | Albizia lebbeck | Subtropical | | | | | | |
| Neem | Azadirachta indica | Subtropical | | | | | | |
| Safeda | Corymbia citriodora | Subtropical | | | | | | |
| Tali | Dalbergia sissoo | Subtropical | | | | | | |
| Baans | Dendrocalamus strictus | Subtropical | | | | | | |
| Badh or Pipal | Ficus religiosa | Subtropical | | | | | | |
| Dhaman | Grewia optiva | Subtropical | | | | | | |
| Aam | Mangifera indica | Subtropical | | | | | | |
| Toot | Morus alba | Subtropical | | | | | | |
| Jamun | Syzygium cumini | Subtropical | | | | | | |
| Tunu | Toona ciliata | Subtropical | | | | | | |
| Ber | Ziziphus jujuba | Subtropical | | | | | | |
| Karmanglu | Ē. i i | | | | | | | |
| Tanda | | | | | | | | |
| mankarahan | | | | | | | | |
| Amity | | | | | | | | |
| Banhadma | | | | | | | | |
| Gangara | | | | | | | | |
| Kavita | | | | | | | | |
| Balugar | | | | | | | | |
| Chuindi | | | | | | | | |
| Doss/sanan | | | | | | | | |
| Khini | | | | | | | | |

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| Kral | | | | | |
| Lana | | | | | |
| Dhaman | | | | | |
| Charmod | | | | | |
| Badh | | | | | |
| Behra | | | | | |
| Bilan | | | | | |
| Gandila | | | | | |
| Gulmorh | | | | | |
| Oanni | | | | | |
| Rumble | | | | | |
| Draink | | | | | |
| Harad | | | | | |
| Amb | | | | | |
| Soyanjana | | | | | |
| Tunnu | | | | | |
| Neem | | | | | |
| Plakh | | | | | |
| Rehn | | | | | |
| chamar sama | | | | | |
| lasura | | | | | |
| kassod | | | | | |
| tantary | | | | | |
| KHAR | | | | | |
| Sagwan | | | | | |
| Imli | | | | | |

| | | | Fo | ormat 27 | A: Coasta | al and Marine F | lora | | | |
|------------|------------|-----------------|---------|--------------|-----------|------------------------|-----------------|------------|---------------|--------------------------------|
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
| Plant Type | Local Name | Scientific Name | Habitat | Local Status | | Parts Collected | Commercial Uses | Other Uses | Associated TK | Community/ Knowledge Holder |
| | | Section Ivane | Habitat | Past | Present | (if any) | (if any) | | Associated TK | Knowledge Holder |
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| | | | F | ormat 27 | B: Coast | al and Marine Fa | una | | | |
|-------------|------------|-----------------|---------|----------|----------|--------------------|-----------------|------------|---------------|------------------|
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
| Animal Type | Local Name | Scientific Name | Habitat | Local | Status | Parts | Commercial Uses | Other Uses | Associated TK | Community/ |
| | | | | Past | Present | Collected (if any) | (if any) | | | Knowledge Holder |
| | | | | | | | | | | |
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| | | Fo | ormat 28: V | Wild Animal | ls (Mammals | , Birds, R | eptiles, An | nphibia, Inse | ects, other | s) | | |
|-------------|-------------------|----------------------|--------------------------|-------------|-------------|------------|-------------|-----------------|-------------|---------------------|---------|------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
| Animal Type | Local name | Scientific Name | Habitat | Description | Season when | Local | Status | - Uses(if any) | Associated | Mode of Hunting, | Others | Community Knowledge |
| | | Sciencine Franke | Habitat | Description | seen | Past | Present | | ТК | Collecting(if any) | details | Holder |
| Mammals | Barking Deer | Muntiacus muntjak | Jungle | | | | | | | | | |
| Mammals | Squirrel | Sciurus niger | Tropical rain forests | Rodents | | | | | | | | |
| Mammals | Jackal | Canis aureus | savannas | cannins | | | | | | | | |
| Mammals | Jungle Cat | Felis chaus | Grasslands | reed cat | | | | | | | | |
| Birds | Sparrow | Passer domesticus | Forest Edge | | | | | | | | | |
| Birds | Myna | Acridotheres tristis | | | | | | | | | | |
| Birds | Pigeon | Columba livia | | | | | | | | | | |
| Birds | Bee Eater | Merops orientalis | | | | | | | | | | |
| Birds | Woodpecker | Picoides puvescens | | | | | | | | | | |
| Birds | Vulture | Cathartes aura | | | | | | | | | | |
| Birds | Common Babbler | Turdoides caudata | | | | | | | | | | |
| Birds | Eagle | Geranoaetus | | | | | | | | | | |
| Birds | House sparrow | Passer domesticus | | | | | | | | | | |
| Birds | House Crow | Corvus splendens | | | | | | | | | | |

| Birds | Dove | Columbidae | | | | | |
|----------|-------------|---------------|--|--|--|--|--|
| Birds | Jungle Fowl | Gallus gallus | | | | | |
| Reptiles | Lizard | Lacertilla | | | | | |
| Reptiles | Tortoise | Testudinidae | | | | | |
| Reptiles | Chameleon | Chameleonidae | | | | | |

| | Format 29: Flora | | | | | | | | | | | | |
|---------|------------------|-----------------|----------------|---------|------------------|---------------------------------|--------------------------|------------|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | |
| Sr. No. | Local Name | Scientific Name | Type of Plants | Habitat | Flowering Season | Remarks (Rare / Common etc.) | Nature of inhabitants | No. of HHs | | | | | |
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| | | | | Format 3 | 0: Fauna | | | | |
|------|------------|----------------|----------------------------------------------------------|----------|------------------------------|-----------------|---------------------|--------------------------|------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| S.No | Local Name | Scintific Name | Type of Animals (Mammals /Birds/Fish/Insects etc.) | Habitat | Remarks(Rare/ common etc. | Cast / tribe | Social condition | Nature of inhabitants | No. of HHs |
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| Format 31: Any other information of local importance | | |
|------------------------------------------------------|---------------------------------|---------|
| 1 | 2 | 3 |
| Sr. No. | Information of local importance | Remarks |
| | none | |
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| | | |