

People Biodiversity Register (PBR): General Details

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| Name of the Panchayat Samiti: ABDAL |
| Taluk: SUCHETGARH |
| District:Jammu |
| State/UT: J&K |
| Geographical Area of the Panchayat Samiti: Plain (299 HECTRES) |
| Population under the Panchayat Samiti:1509 |
| Male 779 FEMAILE -730 |
| Habitat and Topography: main land |
| Climate (Rainfall, Temperature and weather patterns): Temp.= 38°C in summer & 8°C in winter |
| Land Use (Nine fold classification available with village records): Agri. Area=51.4 ha & Non- agri. Area= 6.9 ha |
| Date, Month and Year of PBR Preparation: 22.06.2022 |
| Management Regime: Reserve Forest (RF)/Joint Forest Management(JFM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM) nil |

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: DARWAN SINGH

Age:42

Gender: male

Address: R/O abdal

Area of specialization: panchayati raj

2) kanta devi

Age45

Gender: female

Address: R/O abdal

Area of specialization:

3)Name veena devi

Age: 45

Gender: Female

Address: R/O abdal

Area of specialization

4)Name aahok kumar

Age: 53 yrs

Gender:male

Address: R/O abdal

Area of specialization:

5)Name:basti gulab

Age: 40 Years

Gender:Male

Address: R/O abdal

Area of specialization:

6)Name:sham singh

Age: 42 Yr.

Gender: male

Address: R/O abdal

Area of specialization: agriculture

Annexure-2

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

| |
|--|
| 1) Name NIL |
| Age: |
| Gender:female |
| Address: |
| Area of specialization: heath care |
| Location from which the person accesses biological material: |
| Perception of the practitioner on the resource status: |
| Medicinal Use: |
| 2) Name: |
| Age: |
| female |
| Address:pindi |
| Area of specialization: child care |
| Location from which the person accesses biological material: |
| Perception of the practitioner on the resource status: |
| Medicinal Use: |
| 3) Name: |
| Age |
| Gender: |
| Address: |
| Area of specialization: |
| Location from which the person accesses biological material: |
| Perception of the practitioner on the resource status: |
| Medicinal Use: |

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: sarwan kumar

r/o guab basti

Addresssatriyan

Area of specialization: agriculture

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

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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: arjun singh | |
| Name and Address: abdal | |
| 2) Contact Person: Renu Bala (Agriculture) | |
| Name and Address: abdal | |
| 3) Contact Person:r/o | |
| Name and Address: | |
| 4) Contact Person: | |
| Name and Address: | |
| You may add names of more institutions/NGO/Individuals etc, if necessary | |

Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection f

| 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 |
|------|---|--|---|
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End of Part I

Fee imposed and details of the benefit derived and the mode of their sharing

| Detail of collection fee imposed | Anticipated mode of sharing benefits or quantum of benefits shared |
|---|---|
| - | - |
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Format 1: Crop Plants

| S.No | Crop | Scientific Name | Local Name | Description of the variety | Landscape / Habitat | Approx. Area sown(ha) | Local status | | Special features | Uses | Associated TK | Other details | Cropping Season | Source of Seeds / Plants | Community / Known. Holder |
|------|--------------|------------------------------|-------------|---|--|-----------------------|--------------|---------------------------|---|---------------------------------------|---|--|-------------------------|--|---------------------------|
| | | | | | | | Past | Present | | | | | | | |
| 1 | Rice | <i>Oryza sativa</i> | Dhan/ Munji | B-370(Fine & Long duration) | Planes / Low laying Areas | | Normal | Normal | Basmati 370 is world wise known for its aroma | Food & Fodder | Provides energy fragrance and taste | - | Kharif (May to October) | Farmers / Department/ Privaate Suppliers | Farmers |
| | | | | Normal | | | Normal | Medium tall Coarse Grains | | | | | | | |
| 3 | Moong | <i>Vigna radiata</i> | Moong | PDM-54 | Hot / Humid of Sub tropical region Warm / Humid | | Normal | Rare | Medium | Food | Source of Vegetable Protein | Also suitable for green Manuring | Summer/Kharif | Farmers / Department/ Privaate Suppliers | Farmers |
| | | | | SML-668 | | | Normal | Plenty | High yielding Variety | | | | | | |
| | | | | IPM-0203 | | | Normal | Rare | Excessive vegetative growth | | | | | | |
| 4 | Mash | <i>Vigna mungo</i> | Mhaa | PU-19 | Humid of Sub tropical Region | | Normal | Normal | High yielding Variety | Food | Source of Vegetable Protein | - | Summer/Kharif | Farmers / Department/ Privaate Suppliers | Farmers |
| | | | | Utra | | | Normal | Normal | Tall & low Yielding variety | | | | | | |
| 5 | Bajra | <i>Pennisetum americanum</i> | Bajra | Local Variety | Humid climate under Sandy loam | | Normal | Normal | Tall & low Yielding variety | Food & Fodder | Source of Energy | - | Kharif (May to October) | Farmers / Department/ Privaate Suppliers | Farmers |
| | | | | MHB-110 | | | Normal | Normal | | | | | | | |
| 6 | Wheat | <i>Triticum aestivum</i> | Kanak | HD2967,PBW644 | Cool Climate during early part of its growth | | Plenty | Plenty | High yielding Variety | Food & Fodder | Source of Energy | Suitable for Chappati/Bread making | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 8 | Chick-pea | <i>Cicer arietinum</i> | Chana | GNG-469/C 235 | Cool & dry | | Normal | Normal | High yielding Variety | Food | Source of Protein/Energy | Improve soil fertility | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 9 | Peas | <i>Pisum sativum</i> | Matar | Rachna | Cool & dry | | Normal | Normal | Early maturing & High yielding | Food | Source of Protein/Energy | Used as Vegetable | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 10 | Onion | <i>Allium cepa</i> | Gamd | nasik Red, Red Coral, Monsanto And Local Spp. | local Planee areas | | Abundant | Abundant | Bulbs Cash Crop | Vegetab gles | Vegetable | Staple Vegetable food | Rabi | Farmers / Department/ Privaate Suppliers | |
| 12 | Gobhi Sarson | <i>Brassica napus</i> | Gobhi Saria | GSL-1,DGS-1,Local | Cool & dry | | Normal | Abundant | Annual Herb,yellow flowers bearing Pods | oil for Food,leaves used as vegetable | Source of energy i,calciam,copper,potassium | vegetable Oil extracted from seeds used in cooking | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 13 | Linseed | <i>Linum usitatissimum</i> | Alsi | LC 54 | Cool & dry | | Normal | Normal | Medium duration | Food & fiber | Source of energy in the shape of Oil | Medicinal,industrial & domestic use | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |

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|----|--------------|---------------------------------|---------|---|--|----------|----------|--|--|--|--|------------------------------|---|---------|
| 14 | Potato | <i>Solanum tuberosum</i> | Aalo | Kufri Sindhuri, Kufri Badsha, local | Potato is an herbaceous annual, requires 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, chips etc | - | High carbohydrate, provide high n energy value | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| 15 | Toria | <i>Brassica jrape cv. Toria</i> | Toria | RSPT-1, RSPT-2, Local var. | Cool & dry with bright sunshine | Normal | Normal | Short duration Annual Herb | oil for preparation of Food | Source of energy, calcium, copper, potassium | vegetable Oil extracted from seeds used in cooking | Between Kharif & Rabi season | Farmers / Department/ Private Suppliers | Farmers |
| 17 | Sugarcane | <i>Saccharum officinarum</i> | Ganna | COJ-64, COJ-81 | Sub Tropical | Rare | Rare | Long duration crop for Nine months | Food | Source of energy in the shape of Gur/Sugar | Sugar cane Juice used as preferred drink for instant source of energy during summer besides beating heat | Spring season | Farmers / Department/ Private Suppliers | Farmers |
| 18 | Chilli | <i>Capsicum spp</i> | Mirchi | Pusa Jawala, CH-1 | Tropical/sub tropical vegetable, grows well warm humid conditions | Abundant | Abundant | Pungency and flavor | Used as spice, medicinal value | - | Contains good amount of vitamin A&C | winter season | Farmers / Department/ Private Suppliers | Farmers |
| 19 | Tomato | <i>Solanum lycopersicum</i> | 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, salad, soup, Souce | rich source of Ascorbic acid | Tomatoes are also packed with vitamins A and C, calcium, potassium. | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| 20 | Okra | <i>Abelmoschus esculentus</i> | Bindi | Varsha uphar, Arka Anamika | Tropical/sub tropical vegetable, Hot and humid climate | Abundant | Abundant | Tender green fruit used as vegetable | Mainly vegetable | Source of Fiber | Contains dietary fibers, protein and carbohydrates | Summer/Kharif | Farmers / Department/ Private Suppliers | Farmers |
| 21 | Cucumber | <i>Cucumis sativus</i> | Kheera | Kheera local, JL | Grows in all climatic conditions, Tropical, Sub tropical & temperate | Abundant | Abundant | Limbing annual bearing elongated thick cylindrical fruit | Mainly used as salad | - | It also used as antipyretic and causing cooling effect | Summer/Kharif | Farmers / Department/ Private Suppliers | Farmers |
| 22 | Bottle gourd | <i>Lagenaria siceraria</i> | Lokki | PSPL/Punjab Long | Summer & rainy season crop | Abundant | Abundant | Vines vigorous, profusely branched | Subzis, curries and gravies. | - | It also contains essential vitamins and minerals | Summer/kharif | Farmers / Department/ Private Suppliers | Farmers |

| | | | | | | | | | | | | | | | |
|----|--------------|---|-----------------|--|---|--|----------|----------|--|--|--|---|---------------|--|---------|
| 23 | Bitter gourd | <i>Momordica charantia</i> | karela | Pusa Domausmi/Kundan | Warm and Humid climate | | Abundant | Abundant | Herbaceous climbing annual with ridged stems | Vegetable and medicinal value | - | Used for maintaining low suger level | Summer/kharif | Farmers / Department/ Privaate Suppliers | Farmers |
| 24 | Beans | <i>Phaseolus Spp.</i> | Phaliya | Contender | Cool weather crop/Sandy/loamy 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 Maganese | Summer season | Farmers / Department/ Privaate Suppliers | Farmers |
| 25 | Cauliflower | <i>Brassica oleraceae 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 | Curd Mainly used as vegetable | - | Also good source of protein,carbohydrate,phosphorus& iron | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 26 | Cabbage | <i>Brassica oleraceae 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 | Head Mainly used as vegetable,salad | - | Also good source of protein,carbohydrate,phosphorus& iron | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 27 | Knol khol | <i>Brassica oleraceae var.gongyloides</i> | Kadam | White vienna,Purple vienna | cool &moist climate/sub tropical | | Abundant | Abundant | Swollen stem ,grrn/purple with long and broad leaves | Swollen stem and leaves are consumed as vegetable | - | - | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| 28 | Spanich | <i>Beta vulgaris</i> | 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 |
| 29 | Radish | <i>Raphanus sativus</i> | 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 |
| 30 | Carrot | <i>Daucus carota</i> | 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 |
| 31 | Turnip | <i>Brassica rapa</i> | Gunglu /Shalgam | PTWG/Local | Cool &moist climate/sub tropical&intermedite | | Abundant | Abundant | Modified Root is eatable | Root is used as Vegetable ,Salad,. | - | Good source of Vit.C,Diatry Fiber &Potasium | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |

| | | | | | | | | | | | | | | |
|----|---------------------|--|--|----------------------------|--|------|----------|--|---------------------|--|---|------|--|---------|
| 32 | Exocitic Vegetables | <i>Broccoli// Chines Cabbage / Capsicum etc.</i> | | Prevalent Hybrid varieties | Cool &moist climate/sub tropical&intermedite | Rare | Abundant | All Plants Carrots and Fruits are eadable Ric Source of antioxidants | Salad and Vegetable | | Ric Source of Multivitamins, Minierals and Antioxidents | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
|----|---------------------|--|--|----------------------------|--|------|----------|--|---------------------|--|---|------|--|---------|



Format 3: Fodder Crops / Species

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

Format 04 Weeds

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | 12 | 13 |
|--------|----------------|--------------------------------|-------------------|--|-----------------------------|-----------------------|--------------|----------|----------------------------------|--------------------------------|-------------------------------------|-----------------------------|-----------------------|
| S. No. | Plant | Scientific Name | Local Name | Affected Crop | Habit | Landscape/ Habitat | Local Status | | Uses if any | Management options | Associated TK | Other details | Community Kn. Holders |
| | | | | | | | Past | Present | | | | | |
| 1 | Pig Weed | <i>Amaranthus viridis</i> | Jangli Choulai | Rice, Maize & sugarcane | Annual herb | Agri. Land | Normal | Normal | Eaten as boiled green veg | Physical, Mechanical, Chemical | Rich Source of protein & amino acid | Also Used as medicinal herb | Farmers |
| 4 | Barnyard Grass | <i>Echinochloa crusgalli</i> | Swank | Paddy | Annual | Agri. Land | Abundant | Abundant | Fodder & Animals | Physical, Mechanical, Chemical | Nil | Nil | Farmers |
| 5 | Carrot grass | <i>Parthenum hysterophorus</i> | Congress Grass | Gardens & sugarcane ratoon crops & other crops | Annual | Agri. Land | Abundant | Abundant | Nil | Physical, Mechanical, Chemical | Abnoxious weed difficult to manage | | Farmers |
| 6 | Bur Clover | <i>Medicago denticulata</i> | Maina | Wheat Grass Peas | Perennial herbaceous legume | Agri. Land | Normal | Normal | Fodder, vegetable & green manure | Mechanical, Chemical | Nil | Improves Soil fertility | Farmers |
| 7 | Canary Grass | <i>Phalaris minor</i> | Sitti/gilli danda | Wheat Grass Peas, mustard | annual | Agri. Land | Abundant | Abundant | Fodder & forage | Mechanical, Chemical | Source for High quality protein | Agri. Land | Farmers |
| 10 | Bang | <i>Cannabis indica</i> | Bang | Kharif Crops | Perennial | Agri. & wasteLand | Normal | Normal | | Mechanical, Chemical | Nil | 0 | Farmers |
| 3 | wild onion | <i>Allium humile</i> | Jangli payas | Onion | Annual herb | Temprate/sub tropical | Rare | Rare | Food and medicine | All parts used | - | - | Farmers |

Format-5

Pest of Crops

| Serial No. | PBR ID | Host | Animal | Scientific name | Local Name | Landscape/ Habitat | Time Attack | Management | Associated TK | Other Details | Community | Images |
|------------|--------|--------|---------|-------------------------------|-------------|--------------------|-------------------------|------------------------------------|-----------------------------|---------------|-----------|--------|
| | | Mango | Insects | <i>Amritous Atkinsoni</i> | Tella | Field/orchard | Feb-April | Pesticide Pruning | Discourage HDP | | | |
| | | Mango | Insects | <i>Drosicha Magiferae</i> | Mealey Bug | Orchard | Feb Onwards | Pesticide, Basin Making | Hand Picking | | | |
| | | Citrus | Insects | <i>Paapilio Ledmoteus</i> | Caterpillar | Orchard/Field | April- May & Aug.- Oct. | Pesticides, Other Cultural Methods | Smoking Bagging Dispose Off | | | |
| | | Guava | Insects | <i>Bactrocera Dorsalis</i> | Fruit Fly | Orchard/Field | Maturity Stage | Pesticides, Fruit Fly trape | | | | |
| | | Aonla | Insects | <i>Phyllanthus Emblica</i> | Gall Maker | Orchard/Field | Feb Onwards | Pesticides Pruning | | | | |
| | | Wheat | insects | <i>Puccinia stiriiiformis</i> | yellow rust | Field | | pesticides | | | | |
| | | | | | | | | | | | | |

| 7 | 8 | 9 | 10 | 11 |
|-------------------------------|--------------|------------------|-----------------------|------------|
| Resource management practices | Cast / tribe | Social condition | Nature of inhabitants | No. of HHs |
| Satisfied | general | Average | Average | 326 |
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es Examples of depending landscapes are agriculture landscape, rivers, forest etc.
 , fish, birds, water, mud, and etc
 eeds, their strategies and perception
 their strategies and perception, conflicts etc

| 1 | | | 2 | 3 | 4 |
|---------------------|------|-------------|------------------|---|-------------------------|
| Major Landscapes | | | Sub - Landscapes | Feature s and approx. area | Ownership |
| Agricultural land | Pond | Fallow land | | | |
| Plains & kandi area | | | Plains | flat sweeping landmass with small change in elevation | Private and State lands |
| Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil |

Provide a brief description of lands

Format 8: Landscape

| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--|---------------------------------------|-------------|--|--------------|---------------|---------------|
| General flora | General fauna | User groups | Management practices | General uses | Associated TK | Other details |
| 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 | | | |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil |

scapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

12

Community accessed

Nil

Nil

Nil

Nil

Format 9: Watersca

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------------------|-----------|--------------------------|-----------------------------|--|------------------------------|---|
| Waterscape element type | Sub- type | Features and approx area | Ownership | General flora | General fauna | Major 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. |
| Streams | | | State land and Private land | Bana, aak, Khar Grass, Panjphuli Jari Etc | Frogs, Fishes, Snakes, Snail | Cattles, wasing Cloths, Irrigation, Drinking Etc. |
| Tube well | | | State land and Private land | | | Cattles, wasing Cloths, Irrigation, Drinking Etc. |
| Dug wells | | | Private | | | Cattles, wasing Cloths, Irrigation, Drinking Etc. |

Examples: Ponds, Streams, Rivers, Lake, Canal,

ipe

| 8 | 9 | 10 | 11 | 12 | 13 |
|-------------|----------------------|--------------|---------------|---------------|--------------------|
| User groups | Management practices | General uses | Associated TK | Other details | Community accessed |
| Public | | | | | |
| Public | | | | | |
| Public | | | | | |
| Public | | | | | |

Tubewell, Dug well etc.,

Format 10 Soil Type Block Suchetg

| S.No. | Soil | Type | Colour | Features | Soil management |
|-------|-------------------|--------|--------------------------------|--|---|
| 1 | Sandy Loam | Type B | Soft Dark | Large particle size, Water drains Rapedily | Add compost, humus, Green Manuring, Decomposed manure etc improves soil quality for better plant growth |
| 2 | Clay Loam | Type A | Light yellow to raddish colour | Small particles size, Texture dense and compact, retains water and nutrition | Provide good drainage, add organic manure in the form of compost or humus |

garh Panchayat Abdal (District Jammu)

| Plants/Crop Suitable | Flora and Fauna | Associated TK | Other Information |
|---|---|----------------------|---|
| Beans, Tomato, Potato, Cucumber, onion, eggplants, carrot, Spinach etc. | Succulants like cacti, Lambs ear, etc. | - | Genrally not suitable for plants which need lot of water |
| Plants/Crop Suitable | Ornamental Plants/ grasses, plants with evergreen leaves, colourful Berries | - | Soil is good for wild varieties of crops, however drainage is a problem |

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

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 | Good |
| 2 | Kanner/Lal Gandila | <i>Nerium indicum</i> | Shrub | | Good |
| 3 | Daduni | <i>Punica grantum</i> | Shrub | Live hedge fencing | Good |
| 6 | Exotic Acacia | <i>Acacia farnesana</i> | Wild | Social and Economic | Available |
| 7 | Kikkar | <i>Acacia nilotia</i> | Wild | Social and Economic | Available |
| 8 | Neem | <i>Azadirachta indica</i> | Wild | Social and Economic | Available |
| 9 | bamboo | <i>Bambusa bamboos</i> | Wild | Social and Economic | Available |

Format 22: Wild Plants of Medicinal Importance

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 |
|----------------------------|------------|-----------------------------|---------|---------------------------|--------------|-----------|------------------|-------------------|-----------|------------------------------------|-----------------------------------|
| Plant (Herb,Shrub,Tree) | Local Name | Scientific Name | Variety | Landscape/Habitat | Local Status | | Associated TK | Uses (usage) | Part used | Other details market/own use | Community/ Knowledge Holder |
| | | | | | Past | Present | | | | | |
| Tree | Amla | <i>Emblica officinalis</i> | | Alluvial plain/Farm lands | Good | Good | - | Medicinal | Fruit | - | - |
| Tree | Jamun | <i>Syzygium cumini</i> | | Alluvial plain/Farm lands | Good | Good | - | Medicinal | Fruit | - | - |
| Herbs | Bhang | <i>Cannabis sativa</i> | Wild | Sub-Tropical | Available | Available | | treats anxiety | leaves | | |
| Climber | Giloe | <i>Tinospora cordifolia</i> | | Alluvial plain/Farm lands | Good | Good | - | Medicinal | Stem | | |

Format 24: Ornamental Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|-----------------------------|---------|-----------|--------------------------------|---------------|------------------|----------------------------|
| Local Name | Scientific Name | Variety | Habitat | Commercial/Non-Commercial Uses | Associated TK | Any other Detail | Community/Knowledge Holder |
| Lal Gandila | <i>Nerium oleander</i> | Shrub | Farm land | - | - | - | - |
| Kaneer | <i>Thevetia peruviana</i> | Tree | Farm land | - | - | - | - |
| Bougainvillea | <i>Bougainvillea glabra</i> | Shrub | Farm land | - | - | - | - |
| Krangal | <i>Cassia fistula</i> | Tree | Farm land | - | - | - | - |
| Hibiscus | <i>Hibiscus rosinensis</i> | Tree | Nurseries | Non commercial | | | |

Format 25: Fumigate/Chewing Plants

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 |
|--------------------------------|------------|----------------------------|---------|--------------|--------------|----------|------------------------|-----------|---------------|----------------------------------|--------------------------------|
| Plant (Herb,Shrub, Tree) | Local Name | Scientific Name | Variety | Habitat | Local Status | | Uses (Usage) | Part used | Associated TK | Other details(mode of use) | Community /Knowledge holder |
| | | | | | Past | Present | | | | | |
| Herb | Pudina | <i>Mentha arvensis</i> | | Farm lands | good | Abundant | Spice | leaves | | | |
| Herb | Buch | <i>Acorus calamus</i> | | Farm lands | good | good | medicinal | roots | | | |
| Herb | Horioh | <i>Brassica campestris</i> | | Farm lands | good | Abundant | Spice | Seeds | | | |
| Tree | Imli | <i>Tamarindus indica</i> | | Sub-Tropical | good | | medicinal | fruit | | | |
| Shrub | Tulsi | <i>Ocimum sanctum</i> | | Sub-Tropical | good | Abundant | ayurvedic medicines | leaves | | | |

Format 26: Timber Plants

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 |
|------------|----------------------------|--------------------------|--------------|----------|-----------------------------------|---------------|------------------|-----------------------------|
| Local Name | Scientific Name | Habitat | Local Status | | Other Uses ,if any | Associated TK | Other Details | Community /Knowledge holder |
| | | | Past | Present | | | | |
| Shisham | <i>Dalbergia sissoo</i> | Farmlands | Good | Good | Commercial/ own use | | Timber/ Firewood | - |
| Ber | <i>Ziziphus jujuba</i> | Farmlands | Good | Moderate | Commercial/ own use | | Timber/ Firewood | - |
| Jamun | <i>Syzygium cumini</i> | Farmlands | Good | Moderate | Commercial/ own use | | Timber/ Firewood | - |
| Safeda | <i>Corymbia citriodora</i> | Subtropical/ Tropical | Rare | good | Commercial/ own use | | Timber/ Firewood | |
| Khair | <i>Acacia catechu</i> | Subtropical/ Tropical | Plenty | Plenty | Wood contains catechin and tannin | | Timber/ Firewood | |
| Peepal | <i>Ficus religiosa</i> | Subtropical/ Tropical | Plenty | Plenty | Commercial/ own use | | Timber/ Firewood | |

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 |
|-------------|------------|-------------------------|----------|-------------|------------------|--------------|---------|--------------|---------------|---------------|----------------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when seen | Local status | | Uses ,if any | Associated TK | Other Details | Community Knowledge Holder |
| Wild Animal | Squirrels | <i>Sciuridae</i> | Farmland | - | - | Past | Present | - | - | - | - |
| | | | | | | Good | Good | | | | |
| Wild Animal | Pig | <i>Sus domesticus</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Jackal | <i>Canis aureus</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Crow | <i>Corvus splendens</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Pigeon | <i>Columba livia</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Bee | <i>Apis mellifera</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Butterfly | <i>Rhopalocera spp.</i> | Farmland | - | - | Good | Good | - | - | - | - |
| Wild Animal | Frog | <i>Anura spp.</i> | Farmland | - | - | Good | Good | - | - | - | - |

Format 30: Fauna

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|------------|--------------------------|--|-------------|------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Animals (Mammals / Birds / Fish / Insect etc.) | Habitat | Remarks (Rare / Common etc.) |
| 1 | Cow | <i>Bas taurus</i> | Mammels | Terrestrial | Common |
| 2 | Buffalow | <i>Babalus bubalis</i> | Mammels | Terrestrial | Common |
| 3 | Sheep | <i>Ovis aries</i> | Mammels | Terrestrial | Common |
| 4 | Goat | <i>Capra aegagrus</i> | Mammels | Terrestrial | Common |
| 5 | Sparow | <i>Passer domesticus</i> | Birds | Terrestrial | Common |
| 6 | Crow | <i>Corvius splendens</i> | Birds | Terrestrial | Common |
| 7 | Pigon | <i>Columba livia</i> | Birds | Terrestrial | Common |
| 8 | Peacock | <i>Pavo cristatus</i> | Birds | Terrestrial | Common |
| 9 | Ant | <i>Tapioma sessile</i> | Insects | Terrestrial | Common |
| 10 | Bee | <i>Apis crana indica</i> | Insects | Terrestrial | Common |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

Format 31: Any other information of local importance

| 1 | 2 | 3 |
|---------|---------------------------------|---------|
| Sr. No. | Information of local importance | Remarks |
| | | |

End of Part II