

| Peoples' Biodiversity Register (PBR): General Details | |
|---|---------------|
| Name of the Panchayat Samiti: Ambaran | |
| Taluk/Tehsil: Akhnoor | |
| District: Jammu | |
| State/UT: Jammu And Kashmir | |
| Geographical Area of the panchayat Samiti: 1036 hect. | |
| Population Of the Panchayat samiti...Total 3274 | |
| Male= 1685 | Female = 1589 |
| Habitat and Topography: Plain and Kandi area | |
| Climate (Rainfall, Temperature and other weather patterns): Dry area | |
| Land Use (Nine fold classification available with village records): Agricultural purposes grazing, plantation, poultry farming. | |
| Date, Month and Year of PBR preparation: 15-02-2021 | |

Annexure 1**Detail of Biodiversity Management Committee (BMC) of the Panchayats of Block Akhnoor**

| S.no | Block | Panchayat | Name of the Elected Chairperson | Name of the Members | Age | Gender | Address | Area of Specialization |
|------|---------|-----------|---------------------------------|---|-----|--------|--------------------|------------------------|
| 1 | AKHNOOR | Ambaran | Revti Sharma (Sarpanch) | | 33 | Female | R/o W.no 3 Ambaran | - |
| | | | | Anu Radha Jamwal w/f Ashok kumar 9596667838 | 43 | Female | R/o W.no 3 Ambaran | - |
| | | | | Bandhana Devi | 36 | Female | R/o W.no 6 Ambaran | - |
| | | | | Chaman lal | 39 | Male | R/o W.no 9 Ambaran | - |
| | | | | Chagger Singh | 72 | Male | R/o W.no 3 Ambaran | - |
| | | | | Narotum lal | 50 | Male | R/o W.no 9 Ambaran | - |
| | | | | Avinash Kumar | 33 | Male | R/o W.no 7 Ambaran | - |

Annexure 2

List of Vaid/Hakims and Traditional health care (human and livestock) practitioners residing and or using biological resources occurring with in the jurisdiction of the village

| S.no | Block | Panchayat | 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 |
|------|---------|-----------|----------------------------|--------|--------|------------------------|------------------------|---|---|---------------|
| 1 | Akhnoor | Ambaran | Chuni Lal S/o Shankar Dass | 56 Yrs | Male | Ward No 9 Ambaran | Women infertility | From the local Forest | Genuine | - |
| 2 | | | Vaqil Chand S/o Chanto Ram | 61 Yrs | Male | Ward No 10 Gurha Talab | Piles | From the local Forest | Genuine | - |

Annexure 3**List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and forestry**

| S.no | Block | Panchayat | Name | Age | Gender | Address | Area of Specialization | | |
|------|---------|----------------|----------------------------------|--------|--------|-----------|------------------------|-----------|----------|
| | | | | | | | Agriculture | Fisheries | Forestry |
| 1 | Akhnoor | Ambaran | Mohd Yaqoob S/o Mohd Baksh | 56 yrs | Male | Ward No 5 | Agriculture | — | — |
| 2 | Akhnoor | Ambaran | Paramanand | 70 yrs | Male | Ward No 3 | Agriculture | | |

Annexure 4

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

Contact Person: Revti Sharma

Name and Address: R/o W.No.3 Ambaran

Contact Person: Tara Chand

Name and Address: R/o W.No.9 Ambaran

Contact Person: Bandhana Devi

Name and Address: R/o W.No.6 Ambaran

Contact Person: Anu Radha Charak - Govt Middle School Ambaran

Name and Address: Ambaran / phone no - 9596667838

May add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5**Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing**

| S.no | Name and address of the Person/Institute/company others | Local and Scientific 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 |
|-------------|--|---|--|---|---|
| Nil | Nil | Nil | Nil | Nil | Nil |
| | Mohd Yakab | Paddy, Wheat , Maize | | | |
| | Mohd. Manjoor | Bajra, wheat, rice | | | |
| | Partap Singh | Rice,Wheat, Maize | | | |
| | Sher Singh | Wheat, Maize, Bajra | | | |
| | Arvind Lal | Wheat, Maize, Rice | | | |
| | Ram Lal | Vegetables (Bittergourd) | | | |
| | Devraj | Wheat, Rice, Sugarcane. | | | |
| | Ashok kumar | Gutta Flower | | | |
| | Koushal Kumar | Gutta Flower | | | |

End of Part I

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 | | Abundant | Normal | Basmati 370 is world wise known for its aroma | Food & Fodder | Provides energy fragrance and taste | - | Kharif (May to October) | Farmers / Department/ Private Suppliers | Farmers |
| | | | | Basmati 1121/(Coarse K39 K434 Rattana & Long duration) | | | Abundant | Normal | Medium tall Coarse Grains | | | | | | |
| 2 | Maize | <i>Zea mays</i> | Maka | Dekalb double | Sub tropical / Upland | | Rare | Plenty | Tall, high yielding with yellow in colour) | Food & Fodder | Provides energy | - | Kharif (May to October) | Farmers / Department/ Private Suppliers | Farmers |
| | | | | K-517 | | | Plenty | Rare | | | | | | | |
| | | Ujala | | Normal | | | Plenty | Average tall with yellow in colour | Food & Fodder | | | | | | |
| | | K-612 | | Plenty | | | Normal | | | | | | | | |
| | | <i>Zea mays</i> | | Pro Agro-4794 | | | Plenty | Normal | Tall, high yielding with yellow in colour) | | | | | | |

| | | | | | | | | | | | | | | | |
|---|-------|------------------------------|-------|---------------|--|--|----------|-----------------------|-----------------------------|---------------|-----------------------------|----------------------------------|-------------------------|---|---------|
| 3 | Moong | <i>Vigna radiata</i> | Moong | PDM-54 | Hot / Humid Sub tropical region | | Normal | Rare | Medium | Food | Source of Vegetable Protein | Also suitable for green Manuring | Summer/ Kharif | Farmers / Department/ Private Suppliers | Farmers |
| | | SML-668 | | Normal | | | Plenty | High yielding Variety | | | | | | | |
| | Moong | <i>Vigna radiata</i> | | IPM-0203 | Hot / Humid Sub tropical region | | Normal | Rare | Excessive vegetative growth | Food | Source of Vegetable Protein | Also suitable for green Manuring | Summer/ Kharif | Farmers / Department/ Private Suppliers | |
| 4 | Mash | <i>Vigna mungo</i> | Mhaa | PU-19 | Warm / Humid Sub tropical region | | Normal | Normal | High yielding Variety | Food | Source of Vegetable Protein | - | Summer/ Kharif | Farmers / Department/ Private Suppliers | Farmers |
| | | | | | | | Utra | Normal | | | | | | | |
| 5 | Bajra | <i>Pennisetum americanum</i> | Bajra | Local Variety | Warm / Humid climate under Sandy loam Soil | | Abundant | Normal | Tall & low Yielding variety | Food & Fodder | Source of Energy | - | Kharif (May to October) | Farmers / Department/ Private Suppliers | Farmers |
| | | | | | | | MHB-110 | Abundant | | | | | | | |

| | | | | | | | | | | | | | | | |
|----|-----------|--------------------------|--------|---|--|--|----------|----------|--|---------------|--------------------------|--|------|---|---------|
| 6 | Wheat | <i>Triticum aestivum</i> | Kanak | HD2967,PBW64 4 | Cool Climate during early part of its growth | | Plenty | Plenty | High yielding Variety | Food & Fodder | Source of Energy | Suitable for Chappati/Bread making | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| 7 | Lentil | <i>Lens esculantum</i> | Masar | PL406 | Cool & dry | | Normal | Normal | High yielding Variety | Food | Source of Protein/Energy | Improve soil fertility | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| 8 | Chick-pea | <i>Cicer arietinum</i> | Chana | GNG-469/C 235 | Cool & dry | | Abundant | Abundant | High yielding Variety | Food | Source of Protein/Energy | Improve soil fertility | Rabi | Farmers / Department/ Private 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/ Private 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/ Private Suppliers | |
| 11 | Mustard | <i>Brassica juncea</i> | Sarson | Pusa Bold/ KOS-1 | Cool & dry | | Normal | Normal | Matures in 145-150 days with 40-42 % oil content | oil for Food | Source of energy | vegetable Oil extracted from seeds used in cooking | Rabi | Farmers / Department/ Private Suppliers | Farmers |

| | | | | | | | | | | | | | | | |
|----|--------------|-------------------------------|-------------|------------------------------------|--|--|----------|----------|--|---|---|--|------------------------------|--|---------|
| 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 |
| 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/ Privaate Suppliers | Farmers |
| 15 | Toria | <i>Brassica rape cv.Toria</i> | Toria | RSPT-1,RSPT-2,Local var. | Cool & dry with bright sunshine | | Normal | Normal | Short duration Annual Herb | oil for prepration of Food | Source of energy ,calciam,copper,potassium | vegetable Oil extracted from seeds used in cooking | Between Kharif & Rabi season | Farmers / Department/ Privaate Suppliers | Farmers |
| 16 | Sesame | <i>Sesamum indicum</i> | Til | Punjab Til No.1/local | Warm / Humid of Sub tropical region | | Normal | Normal | Medium Yielding | Food | Source of Vegetable oil | Religiuos and medicinal value | June - Oct. | Farmers / Department/ Privaate Suppliers | Farmers |

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|----|-----------|-------------------------------|---------|--|---|--|--------|--------|--|--------------------------------------|--|--|----------------|---|---------|
| 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 | Tropica/sub tropical vegetable.grows well warm humid conditions | | Normal | Normal | 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 | | Normal | Normal | 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 | Tropica/sub tropical vegetable Hot and humid climate | | Normal | Normal | 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 climatoic conditions,Tropical,Sub tropical &temprate | | Normal | Normal | Limbing annual bearing elongated thick cylindrical fruit | Mainly used as salad | - | It also used asantipyretic and causing cooling effect | Summer/ Kharif | Farmers / Department/ Private Suppliers | Farmers |

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|----|--------------|---|-----------|--|------------------------------------|
| 22 | Bottle gourd | <i>Lagenaria siceraria</i> | Lokki | PSPL/Punjab Long | Summer & rainy season crop |
| 23 | Bitter gourd | <i>Momordica charantia</i> | karela | Pusa Domausmi/Kundan | Warm and Humid climate |
| 24 | Beans | <i>Phaseolus spp.</i> | Phaliya | Contender | Cool weather crop/Sandy/loamy soil |
| 25 | Cauliflower | <i>Brassica oleracea var. botrytis</i> | Fol gobi | Pusa snow ball, Pusa Katki, local Girja | Both sub tropical & intermediate |
| 26 | Cabbage | <i>Brassica oleraceae var. capitata</i> | Band gobi | Golden Acre, Pride of India, Green Flesh | Both sub tropical & intermediate |

| | | | | | | | | |
|----------|----------|---|--------------------------------------|--|--|---------------|---|---------|
| Abundant | Abundant | Vines vigorous, profusely branched | Subzis, curries and gravies. | - | It also contains essential vitamins and minerals | Summer/kharif | Farmers / Department/ Private Suppliers | Farmers |
| Abundant | Abundant | Herbaceous climbing annual with ridged stems | Vegetable and medicinal value | - | Used for maintaining low sugar level | Summer/kharif | Farmers / Department/ Private Suppliers | Farmers |
| Normal | Normal | Tender green pods are used as vegetable | Mainly vegetable | Source of energy in the shape of Gur/Sugar | High value protein, Vitamin eB1, B2, B6 and Manganese | Summer season | Farmers / Department/ Private Suppliers | Farmers |
| Normal | Normal | White and tender head, curd formed from shortened flower part | Curd Mainly used as vegetable | - | Also good source of protein, carbohydrate, phosphorus & iron | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| Abundant | Abundant | Round head with light to dark green colour | Head Mainly used as vegetable, salad | - | Also good source of protein, carbohydrate, phosphorus & iron | Rabi | Farmers / Department/ Private Suppliers | Farmers |

| | | | | | |
|----|-----------|---|-----------------|-----------------------------|---|
| 27 | Knol khol | <i>Brassica oleracea var. gongyloides</i> | Kadam | White vienna, Purple vienna | cool & moist climate/sub tropical |
| 28 | Spinach | <i>Beta vulgaris</i> | Palak | All Green, Delta | Cool season Crop, thrives well on well drained loam soils |
| 29 | Radish | <i>Raphanus sativus</i> | Mulli | Japanes White ,Koren Etc | Cool season Crop, thrives well on well drained Sandy loam soils |
| 30 | Carrot | <i>Daucus carota</i> | Gajer | Pusa Kesar, local | Cool & moist climate/ sub tropical & intermedite |
| 31 | Turnip | <i>Brassica rapa</i> | Gunglu /Shalgam | PTWG/Local | Cool & moist climate/sub tropical & intermedite |

| | | | | | | | | |
|----------|----------|---|--|---|--|------|--|---------|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 / own use | Community / Knowledge holder |
| | | | | | Past | Present | | | | | | |
| Citrus Fruit | <i>Citrus spp.</i> | Khatti, Galgal, Nimbu, Santra, Kinnoo etc. | Local Selection, Kagzi Lime etc. | Plains, mid hills | Plenty | Plenty | Nurseries | Through Out Year | | Fruit, Pickle, Squashes etc | Marketing, Own Use | |
| Litchi | <i>Litchi chinensis</i> | Litchi | Culcatta, Dehradun | Plains | Plenty | Plenty | Nurseries | Jul - Aug | | Fruit | Own Use | |
| Guava | <i>Psidium guajava</i> | Amrood | Local, L49 etc. | Plains, Lower Hills | Plenty | Plenty | Nurseries | Jul - Aug | | Fruit | Marketing, Own Use | |
| Ber | <i>Ziziphus mauritiana lamk</i> | Ber | Gola, Varanasi | Plains | Plenty | Plenty | Local | Jul - Aug | | Fruit | Own Use | |
| Jamun | <i>Syzygium cumini</i> | Jamun | Local Selection | Plains | Rare | Rare | Nurseries, Local Raised | Jul - Aug | | Fruit | Own Use | |
| Pomegranate | <i>Punica granatum</i> | Anaar, Druni | Ganesh, Kandhari, Local | Plains, Mid hills | Rare | Rare | Nurseries, Local Raised, Wild | May - Aug | | Fruit, Anardana | Own Use | |
| Papaya | <i>Carica papaya</i> | Papita | Local | Plains | Rare | Plenty | Nurseries, Locally Raised | Aug - Oct | | Fruit | Own Use | |

Format 03 Fodder Crop

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|--------|---------|-------------------------------|------------|--------|----------------------------|-----------------------------|--------------|----------|----------------------------|---|----------------------------|---|-----------------------|
| S. No. | Plant | Scientific Name | Local Name | Habit | Area (Approx.)Rabi/ Kharif | Landscape/Habitat | Local Status | | Part Used | Associated TK | Other details(mode of use) | Sources of Seeds and Plants | Community Kn. Holders |
| | | | | | | | Past | Present | | | | | |
| 1 | Barseem | <i>Trifolium alexandrium</i> | Chhatala | Annual | 8030 | Sub Humid & moderately cool | Abundant | Abundant | Entire Plant | Nutritious & palatable fodder, Source of energy for animals | Fodder | Farmers / Department/ Private Suppliers | Farmers |
| 2 | Oats | <i>Avena spp.</i> | Javi | Annual | | Cool & moist climate | Abundant | Abundant | Above ground part of plant | Nutritious & palatable fodder, | Fodder | | Farmers |
| 3 | Sorghum | <i>Sorghum spp.</i> | charri | Annual | 6840 | Warm & humid | Abundant | Abundant | Above ground part of plant | Source of energy | Fodder | Farmers / Department/ Private Suppliers | Farmers |
| 4 | Maize | <i>Zea mays</i> | Makki | Annual | | Warm & humid | Abundant | Abundant | Above ground part of plant | Source of energy | Food & fodder | | Farmers |
| 5 | Bajra | <i>Penniselium americanum</i> | Bajra | Annual | | Warm & humid | Abundant | Normal | Above ground part of plant | Source of energy | Food & fodder | Farmers / Department/ Private Suppliers | Farmers |
| 6 | Cowpea | <i>Vigna unguiculata</i> | Pongi | Annual | | Warm & humid | Abundant | Normal | Above ground part of plant | Kharif Legume with high protein | 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 |
| 2 | Lamb's quarters | <i>Chenopodium album</i> | Bathua/ Kanah/Wild Spinach | Wheat, Pea, Potato | Annual herb | Agri. Land | Normal | Normal | Eaten as boiled green veg | Physical, Mechanical, Chemical | Rich Source of protein, Vit. A, Calcium, Phosphorous & potash | Annual feed & fermentation of Beverages | Farmers |
| 3 | Nut Grass | <i>Cyperus rotundus</i> | Dilla/Motha | Paddy, maize, sugarcane, vegetable | Perennial | Agri. & Non Agri. Land | Abundant | Abundant | Fodder & Animals | Physical, Mechanical, Chemical | Nil | Traditionally used as medicine | 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 |
| 8 | Meadow Pea | <i>Lathyrus aphaca</i> | Matri | Wheat Grass Peas, mustard | annual | Agri. Land | Normal | Normal | Fodder | Mechanical, Chemical | Nil | Agri. Land | Farmers |
| 9 | Canada Thistle | <i>Cirsium arvense</i> | Leh | Wheat gram, Barley | Perennial | Agri. & wasteLand | Normal | Normal | | Mechanical, Chemical | Nil | Agri. Land | Farmers |
| 10 | Bang | <i>Cannabis indica</i> | Bang | Kharif Crops | Perennial | Agri. & wasteLand | Normal | Normal | | Mechanical, Chemical | Nil | Agri. Land | Farmers |

| | | | | | | | | | | | | | |
|----|---------------|----------------------------|--------------|--------------|-------------|------------------------|---------|---------|-------------------|----------------------|-----|------------------------------|---------|
| 11 | Nilibuti | <i>Ageratum spp.</i> | Nilibuti | Rabi Crops | Perennial | Agri. & wasteLand | Normal | Normal | | Mechanical, Chemical | Nil | Agri. & wasteLand | Farmers |
| 12 | Dub Grass | <i>Cynodon dactylon</i> | Dub Grass | Rabi/ Kharif | Perennial | Agri. & wasteLand | Abudant | Abudant | Fooder | Mechanical, Chemical | Nil | Agri. & wasteLand | Farmers |
| 13 | Wild oats | <i>Avena fatua</i> | Jangli Javi | Oats | Annual herb | Sub Tropical | Rare | Rare | Fodder | Above ground parts | - | Nutrative Fodder for Animals | Farmers |
| 14 | Wild Rice | <i>Echinochloa colonum</i> | Swanki | Paddy | Annual herb | Sub Tropical | Rare | Rare | Fodder | Above ground parts | - | Nutrative Fodder for Animals | Farmers |
| 15 | Jhonson Grass | <i>Sorghum helipense</i> | Beru grass | Sorghum | Perinneal | Sub Tropical | Rare | Rare | Fodder | Above ground parts | - | Nutrative Fodder for Animals | Farmers |
| 3 | wild onion | <i>Allium humaie</i> | Jangli payas | Onion | Annual herb | Temprate/ sub tropical | Rare | Rare | Food and medicine | All parts used | - | - | Farmers |

Format 05: Pests of Crops

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--------|--------------------|---------------------------------|------------------|------------------|--|-----------------------|---|---------------|--|-----------------------|
| S. No. | Insect /Animal | Scientific Name | Local Name | Habit | Habitat | Time/Season of Attack | Management Mechanism | Associated TK | Other details | Community Kn. Holders |
| 1 | Mustard aphid | <i>Lipaphis erysimi</i> | aphid | Sucking pest | Attacks mustard & other cucurbit crops | Dec-March | Timely sowing of crop & Chemical, Biological & Mechanical | - | Major threat to oil seed crops of Rabi | Farmers |
| 2 | Termite | <i>Microtermis obesi</i> | Telle | Chewing & biting | Wheat & other crops | Nov-May | Cultural & Chemical measures | - | Major threat to unirrigated crops | Farmers |
| 3 | Blister beetle | <i>Mylabris spp.</i> | Ghuri | Chewing & biting | Attacks Maize, Bhindi & Pulses | June-Oct | Mechanical& Chemical measures | - | Insectivorous feed on grasshopper | Farmers |
| 4 | Cereal leaf Beetle | <i>Oulma melanopus</i> | | Chewing & biting | Attacks Maize | Aug-Sep | Chemical measures | - | Most recent occurrence | Farmers |
| 5 | Red Pumpkin Beetle | <i>Raphidopalpa foveicellis</i> | Lal Kaddu Beetle | Chewing & biting | Cucurbits | March-Oct | Chemical measures | - | Most common in fields of Cucurbits | Farmers |

| | | | | | | | | | | |
|----|---------------------|---------------------------------|--------------------|-------------------------|--|---------------------|--------------------------------------|---|-------------------------------------|---------|
| 6 | Cucurbits fruit fly | <i>Bactrocera cucurbitae</i> | Melon fly | Chewing & biting | Attacks Pumpkin, cucumber & gourds | Throughout the year | Mechanical & Chemical, Pheronon trap | - | Danger to all cucumber crops | Farmers |
| 7 | Maize stem Borer | <i>Chilo partellus</i> | Sundi /Tana-shedak | Chewing & biting | Attacks Maize, sorghum , Bajra & sugarcane | July to sept | Mechanical& Chemical measures | - | Causes dead hearts in young plants | Farmers |
| 8 | Grasshopper | <i>Hieroglyphus nigropletus</i> | Tidi | Maize and Paddy | Maize, Paddy, Jojr Bajra | July to sept | Mechanical& Chemical measures | - | Eats leaves | Farmers |
| 9 | Rice Gandi Bug | <i>Leptocorzia varcornis</i> | Gandi Bug | Paddy | Paddy at miliking stage | July to Oct. | Mechanical& Chemical measures | - | Pierce the grains at miliking stage | Farmers |
| 10 | Army worm | <i>Spodoptera frugiperda</i> | Caterpillar | All Crops | Defoliaties Major crops | Through the year | Mechanical& Chemical measures | - | Defoliates all crops | Farmers |
| 11 | Leaf Floder | <i>Cnaphalocrocis meddialis</i> | Ctter Pillers | Feeds on leavs abd stem | Attacts on Paddy Leaves | June to Oct. | Mechanical& Chemical measures | - | Major threats | Farmers |

| | | | | | | | | | | |
|----|---------------|---------------------------|--------------------------------|---|-----------------------------------|---------------------|----------------------------------|---|---|----------------------------|
| 12 | Stem Borer | <i>Tryporza incrtules</i> | Tana shedat/ Catter pillers | Bores into stem results into dead heart | Crops Plants | June to Oct. | Mechanical& Chemical measures | - | Major threats | Farmers |
| 13 | Cut worm | <i>Agrotis ipsilon</i> | Ludi | Cuts stem and leaves | Wheat sorguham maize and other | Throughout the year | Mechanical& Chemical measures | - | Major threats | Farmers |
| 14 | White Fly | <i>Aleyrodidae</i> | | Suks the shap of plants | Sobin Bhindi and all pulses crops | April to Oct. | Chemical measures | - | Major threats | Farmers |
| 15 | Field rats | <i>Ratus meltada</i> | Chouha | Nocturnal in habit | Attacks all crops | Throughout the year | Mechanical& Chemical measures | - | Lives in burrows opening hidden in bushes | Farmers |
| 16 | Monkey | <i>Rhesus macaque</i> | Bander | Attacks agriculture crops | Forest & human habitat | Throughout the year | Traps & chemosterlization | - | Cause extensive damage to almost all crops,attacks humans | general public/ Farmers |
| 17 | Wild Pig/Boar | <i>Sus scrofa</i> | Jangli Sur | | | | | | | |

Format 6: Markets for Domesticated animals

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|--|---|--|--|---|---|-----------------------------|-----------------------|
| Name of the market & location | Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1] | Types of animals bought and sold [2] | Types and Average Number of animals transacted in a day | Places from which animals are brought | Places to which the animals are sold / transported | Name and location of fish market | Types of fishes sold | Source of fish |

THERE IS NO ORGANISED MARKET IN THE MUNICIPALITY FOR ANY OF THE SPECIES OF ANIMALS LISTED IN FORMAT 15

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 |
| Hindu,Muslim, Sikh,Christian | Government Services, private services,Agriculture, Live stock etc | Labourers | Plain and Hilly | Paddy (June to ending July),Maize (April to ending may),Wheat (Oct to Nov),Mustard (Sep/Oct) | Check Dam | Check Dam | General cast/Scheduled Cast/Scheduled tribes | Average | Farmers,Labourers | 813 |
| | | | | | Nallah Bank Erosion Structure (Protective Banks) | Nallah Bank Erosion Structure (Protective Banks) | | | | |
| | | | | | Concrete Channel | Concrete Channel | | | | |
| | | | | | Lined Channel | Lined Channel | | | | |
| | | | | | Water Harvesting Structures | Water Harvesting Structures | | | | |

Format 8: Landscape

| Format 8: Landscape | | | | | | | | | | | | | |
|----------------------|------|-------------|------------------|---------------------------------|------------------------------------|---------------------|---|---------------------------------------|----------------------|----------------------------|---------------|---------------|--------------------|
| 1 | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Major Landscapes | | | Sub - Landscapes | Features and approx. Area | Ownership | General flora | General fauna | User groups | Management practices | General uses | Associated TK | Other details | Community accessed |
| Agricultural land | Pond | Fallow Land | | | | | | | | | | | |
| Plains & Kandi areas | | | Plains | hilly as well as | 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 | Domestic animals, wildlife such as porcupine, jackal etc. | Public, as well as pvt, and Govt also | | Plantation and agriculture | | | |
| Shivalik areas | | | Hills | Hills with gentle slopes | Forest land, Private, state lands, | Broad leaved | Domestic animals, wildlife such as porcupine, jackal etc. | Public, as well as pvt, and Govt also | | Plantation and agriculture | | | |

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,Baryan, | Frogs , fishes, Torotoise, snakes, snail, | Cattles, washing cloths, irrigation, Drinking etc | public | Not Good | | | Seasonal | |
| Tube well | | | Forest land and Private land | | Frogs , fishes, Torotoise, snakes, snail, | Cattles, washing cloths, irrigation, Drinking etc | public | | | | | |
| Canals | | | Private | | Frogs , fishes, Torotoise, snakes, snail, | Cattles, washing cloths, irrigation, Drinking etc | public | | | | | |
| Hand pumps | | | Private | | Frogs , fishes, Torotoise, snakes, snail, | Cattles, washing cloths, irrigation, Drinking etc | public | | | | | |

Format 10: Soil Type Block Akhnoor Panchayat Ambaran (District Jammu)

| S.No. | Soil | Type | Colour | Features | Soil management | Plants/Crop Suitable | Flora and Fauna | Associated TK | Other Information |
|-------|-------------------|--------|--------------------------------|--|---|---|---|---------------|---|
| 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 | Beans, Tomato, Potato, Cucumber, onion, eggplants, carrot, Spinach etc. | Succulants like cacti, Lambs ear, etc. | - | Genrally not suitable for plants which need lot of water |
| 2 | Clay Loam | 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 | Plants/Crop Suitable | Ornamental Plants/ grasses, plants with evergreen leaves, colourful Berries | - | Soil is good for wild varieties of crops, however drainage is a problem |

Format 11: FRUIT TREES DOMESTICATED BIODIVERSITY

| 1 | 2 | 3 | 4 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 |
|-------------------|----------------------------|--|----------------------------------|-----------------------|---------------------|--------------|---------|------------------------------|--------------------|-----------------------------|---------------|------------------------------|-------------------------|
| Plant Type | Scientific Name | Local Name | Variety | Landscape/ Habitat | | Local Status | | Source of plant/seeds | Season of Fruiting | Uses (usage) | Associated TK | Other details market/own use | Community/ Know. holder |
| | | | | | | Past | Present | | | | | | |
| Mango | <i>Mangifera indica</i> | Aam | Desi, Dusheri, Malta | Alternate Bearing | Plains | Plenty | Plenty | Nurseries | Jun-Aug | Fruit, Pickle, Preserves | | Marketing, Own Use | |
| Citrus Fruit | <i>Citrus spp.</i> | Khatti, Galgal, Nimbu, Santra, Kinnoo etc. | Local Selection, Kagzi Lime etc. | Tree, Regular Bearing | Plains, mid hills | Plenty | Plenty | Nurseries | Through Out Year | Fruit, Pickle, Squashes etc | | Marketing, Own Use | |
| Litchi | <i>Litchi chinensis</i> | Litchi | Culcatta, Dehradun | Tree, Regular Bearing | Plains | Rare | Rare | Nurseries | Jul - Aug | Fruit | | Marketing | |
| Guava | <i>Psidium guajava</i> | Amrood | Local, L49 etc. | Tree, Regular Bearing | Plains, Lower Hills | Plenty | Plenty | Nurseries | Jul - Aug | Fruit | | Marketing, Own Use | |
| Grapes | <i>Vitis vinifera</i> | Anjoor | Local Dakh, Perlette | Vine, Regular Bearing | Plains, Mid Hills | Rare | Rare | Nurseries | Jul - Aug | Fruit | | | |
| Indian gooseberry | <i>Phyllanthus emblica</i> | Amla | Local Selection, NA-7 | Tree, Regular Bearing | Plains | Plenty | Plenty | Nurseries, Local Collections | Nov.- Dec | Pickling Preserve etc | | Marketing, Own Use | |

| | | | | | | | | | | | | | |
|-------------|---------------------------------|--------------|-------------------------|------------------------------|-------------------|--------|--------|-------------------------------|-----------|-----------------|--|--------------------|--|
| Ber | <i>Ziziphus mauritiana lank</i> | Ber | Gola, Varanasi | Tree, Regular Bearing | Plains | Plenty | Plenty | Local | Jul - Aug | Fruit | | Own Use | |
| Jamun | <i>Syzygium cumini</i> | Jamun | Local Selection | Tree, Regular Bearing | Plains | Rare | Rare | Nurseries, Local Raised | Jul - Aug | Fruit | | Own Use | |
| Pomegranate | <i>Punica granatum</i> | Anaar, Druni | Ganesh, Kandhari, Local | Tree, Regular Bearing, Shrub | Plains, Mid hills | Rare | Rare | Nurseries, Local Raised, Wild | May - Aug | Fruit, Anardana | | Own Use | |
| Peach | <i>Prunus persica</i> | Aaroo | July Elberta, Quetta | Tree, Regular Bearing | Plains, mid hills | Rare | Plenty | Nurseries | Jun - Jul | Fruit | | Marketing, Own Use | |
| Strawberry | <i>Fragaria ananassa</i> | Strawberry | Chandler | Runner, Annual | Plains, mid hills | Rare | Rare | Nurseries | Mar - Apr | Fruit | | Marketing | |
| Karonda | <i>Carissa carandas</i> | Garnay | Local | Shrub | Hills/ Plains | Rare | Rare | Wild, Local | Jun - Aug | Fruit | | Marketing, Own Use | |
| Papaya | <i>Carica papaya</i> | Papita | Local | Tree | Plains | Rare | Plenty | Nurseries, Locally Raised | Aug - Oct | Fruit | | Own Use | |

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|------------|--------------|----------------------------------|---------|-------------------------------|-----------------------|--------------|----------|--------------|-----------|---------------|--------------------------|------------------------------|
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ Habitat | Source of plant/seeds | Local status | | Uses (usage) | Part used | Associated TK | Other details market/own | Community/ Know. |
| | | | | | | Past | Present | | | | | |
| Herbs | Dudlu | <i>Taraxacum officinale</i> | | Temperate area | Root | Rare | Rare | nil | Leaves | N.A | N.A | Generally, held by community |
| Herbs | Tarad | <i>Dioscorea belophylla</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Root | N.A | N.A | Generally, held by community |
| Herbs | Jungli putna | <i>Mentha arvensis</i> | | Lower shiwalik/Temperate area | Root | Abundant | Abundant | nil | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Timbru | <i>Zanthoxylum armatum</i> | | Lower shiwalik | Seed | Rare | Rare | nil | Fruit | N.A | N.A | Generally, held by community |
| Shrubs | brankad | <i>Adhatoda vesica</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | | N.A | N.A | Generally, held by community |
| Shrubs | Drainkdu | <i>Murraya koenigii</i> | | Sub-Tropical area | Seed | Rare | Abundant | nil | Fruit | N.A | N.A | Generally, held by community |
| Shrubs | Dussa | <i>Colebrookia oppositifolia</i> | | Lower shiwalik | Seed | Rare | Rare | nil | Flower | N.A | N.A | Generally, held by community |
| Shrubs | Thor/Shuu | <i>Euphorbia royleana</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Bareyan | <i>Acorus calamus</i> | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Bhang | <i>Canabis sativa</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | | N.A | N.A | Generally, held by community |

| | | | | | | | | | | | | |
|------|--------------|-----------------------------|--|-------------------|------|----------|----------|--|-------------------|-----|-----|---------------------------------|
| Tree | Amla | <i>Phyllanthus emblica</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Flower | N.A | N.A | Generally, held by community |
| Tree | Bair | <i>Ziziphus xylocarpa</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Stem | N.A | N.A | Generally, held by community |
| Tree | Bheda | <i>Terminalia bellerica</i> | | Lower shiwalik | Seed | Rare | Abundant | nil | Fruit | N.A | N.A | Generally, held by community |
| Tree | Bill-Patre | <i>Aegle marmelos</i> | | Sub-Tropical area | Seed | Abundant | Abundant | nil | Root | N.A | N.A | Generally, held by community |
| Tree | Drankh | <i>Melia azedarach</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves | N.A | N.A | Generally, held by community |
| Tree | Harad | <i>Terminalia chebula</i> | | Lower shiwalik | Seed | Abundant | Abundant | Good for digestion | Leaves/ Flower | N.A | N.A | Generally, held by community |
| Tree | Jaman | <i>Syzygium cumini</i> | | Lower shiwalik | Seed | Abundant | Abundant | maintains sugar level in human body | Leaves/ Flower | N.A | N.A | Generally, held by community |
| Tree | Kakad-Singhi | <i>Pistacia khinjuk</i> | | Lower shiwalik | Seed | Rare | Rare | nil | Leaves/ Flower | N.A | N.A | Generally, held by community |
| Tree | Karal | <i>Bauhinia variegata</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Flower | N.A | N.A | Generally, held by community |
| Tree | Khair | <i>Acacia catechu</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Stem | N.A | N.A | Generally, held by community |
| Tree | Kringal | <i>Casia fistula</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Fruit | N.A | N.A | Generally, held by community |
| Tree | Lasuda | <i>Cordia dichotoma</i> | | Lower shiwalik | Seed | Rare | Abundant | nil | Leaves/ Fruit | N.A | N.A | Generally, held by community |
| Tree | Mango | <i>Mangifera indica</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Stem/ Fruit | N.A | N.A | Generally, held by community |

| | | | | | | | | | | | | |
|------|---------|----------------------------|--|----------------|------|----------|----------|-----|------------------|-----|-----|------------------------------|
| Tree | Retha | <i>Sapindus mukorossii</i> | | Lower shiwalik | Seed | Rare | Rare | nil | Fruit | N.A | N.A | Generally, held by community |
| Tree | Rumbal | <i>Ficus racemosa</i> | | Lower shiwalik | Seed | Rare | Abundant | nil | Leaves | N.A | N.A | Generally, held by community |
| Tree | Sree | <i>Albizia lebbeck</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Stem | N.A | N.A | Generally, held by community |
| Tree | Talli | <i>Dalbergia sissoo</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Stem | N.A | N.A | Generally, held by community |
| Tree | Trimbal | <i>Ficus auriculata</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Fruit | N.A | N.A | Generally, held by community |
| Tree | Tuni | <i>Toona ciliata</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Stem | N.A | N.A | Generally, held by community |
| Tree | Neem | <i>Azadiracta indica</i> | | Lower shiwalik | Seed | Abundant | Abundant | nil | Leaves/ Bark | N.A | N.A | Generally, held by community |

Format 13: Ornamental Plants/ Trees/Climbers etc.

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

Format 14: Timber Plants / Trees

| 1 | 2 | 3 | 4 | 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 |
| | | | | Past | Present | | | | | |
| Trees | Kiker | <i>Acacia nilotica</i> | Lower shiwalik | Rare | Rare | Wild | own | nil | nil | Generally, held by community |
| Trees | Mango | <i>Mangifera Indica</i> | Lower shiwalik | Abundant | Abundant | Wild/ home- garden | own | nil | nil | Generally, held by community |
| Trees | Safeda | <i>Eucalyptus spp.</i> | Lower shiwalik | Rare | Abundant | Wild | commercial | nil | nil | Generally, held by community |
| Trees | Sree | <i>Albizia lebbek</i> | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Talli | <i>Dalbergia sissoo</i> | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Tuni | <i>Toona ciliata</i> | Lower shiwalik | Abundant | Abundant | Wild | own | nil | nil | Generally, held by community |
| Trees | Jammun | <i>Syzygium cumini</i> | Lower shiwalik | Rare | Abundant | Wild | own | nil | nil | Generally, held by community |

Format 15: Domesticated Animals

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

| | | | | | | | | | | | | |
|---------|--------------|------------------------------|------------------|--------------------------------------|--------------|----------|-----------|------------|-----|-----|-----------|----------------------------------|
| Poultry | Kukkar | <i>Galus domesticus</i> | Local | Enriched meat flavor | Backyard | Abundant | Decrease | Egg ,meat | Nil | No | Egg ,meat | All |
| | Farmi Kukkar | <i>Galus domesticus</i> | Chabro | good egger | Backyard | few | Increased | Egg,meat | Nil | No | Egg ,meat | All |
| | Broiler | <i>Galus domesticus</i> | Hybrid | white color , fast growing | deep litter | few | Increased | meat | Nil | Yes | Meat | All |
| | Parrot | <i>Psittaciformes</i> | Local | parrot green in colour with red beak | Backyard | few | Decrease | decorative | Nil | No | Nil | All |
| | Pigeon | <i>Columbidae livia</i> | Local | white color , fast growing | Backyard | few | Decrease | decorative | Nil | No | nil | All |
| Dog | Kutta | <i>Canis familiaris</i> | Local | Nil | Pet ,Stray | Abundant | Abundant | Nil | Nil | No | Nil | All / stray |
| Cat | Billi | <i>Felis catus</i> | Local | Grey /white color | Pet ,Stray | Abundant | Abundant | pet | Nil | No | Nil | All / stray |
| Rabbit | Khargosh | <i>Oryctolagus cuniculus</i> | White gaint | white | Pet ,wild | few | few | Pet | Nil | No | Nil | All / wild |
| Pig | Suar | <i>Sus scrofa domesticus</i> | Yorkshir e cross | white | Domesticated | few | Increased | Meat | Nil | Yes | Nil | Sikh /Christians/SCc ommunity |

Format 16: Culture Fisheries

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|---|-------------|--------------------------|-------------------|--|--------------------------------|--------------|----------|----------------------|---|--------------------|---------------|-------------------------|
| Fish Type | Local name | Scientific Name | Variety | Features | Waterscape (Pond/bheri/ talao) | Local status | | Uses | Associated TK | Commercial rearing | Other details | Community Know. Holders |
| | | | | | | Past | Present | | | | | |
| Carp | Rohu | <i>Labeo rohita</i> | Indian Major Carp | Large Silver coloured fish, arched head | Pond | Available | Availabe | Own & Commercial use | Use as food as a good source of protein | Yes | - | 20% |
| | Catla | <i>Catla catla</i> | Indian Major Carp | large & broad head, grey scales, protruding lower jaw | Pond | Available | Availabe | Own & Commercial use | Use as food as a good source of protein | Yes | - | 20% |
| | Mrigal | <i>Cirrhinus mrigala</i> | Indian Major Carp | cycloid scales, mouth broad ,pharyngel teeth in 3 rows | Pond | Available | Availabe | Own & Commercial use | Use as food as a good source of protein | Yes | - | 20% |
| | Common Carp | <i>Cyprinus Carpio</i> | Exortic Carp | Have long dorsal fin, have small barbels, mouth opens in an accordion like fashion | Pond | Available | Availabe | Own & Commercial use | Use as food as a good source of protein | Yes | - | 20% |
| <p align="center">Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc.</p> <p align="center">Mode of Catching Fish:-Drag net, Cast net</p> <p align="center">Time of Availability:- Through out the year</p> <p align="center">Breeding Time:-a)Common Carp-March & December b) Rohu,Catla,Mrigal:-June & July</p> <p align="center">Feed:- Ingridents include rice bran, wheat bran, Crushed Maize, Soyabeen , Mustard oil cake.</p> | | | | | | | | | | | | |

WILD BIODIVERSITY

FORMAT 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 |
|------------|------------|------------------------------|-------|------------------------|--------------|----------|---------------------|------------------|-----------------|---------------|----------------------------|
| Plant Type | Local Name | Scientific Name | Habit | Habitat | Local status | | Commercial/own use | Part collected | Associated TK | Other details | Community Knowledge Holder |
| | | | | | Past | Present | | | | | |
| Tree | Shisham | <i>Dalbergia sissoo</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Stem, Timber | - | - | - |
| Tree | Khair | <i>Acacia catechu</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Katha | - | - |
| Tree | Amla | <i>Emblca officinalis</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Fruit | Food processing | - | - |
| Tree | Siris | <i>Albizia lebbeck</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial own use | Timber/ Firewood | - | - | - |
| Tree | Lecunia | <i>Leucaena lencocephala</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - | - |
| Tree | Simbal | <i>Bombax cebia</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - | - |
| Tree | Kamila | <i>Mallotus philippensis</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial /own use | Timber/ Firewood | - | - | - |
| Tree | Krangal | <i>Cassia fistula</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - | - |
| Tree | Ber | <i>Ziziphus jujuba</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial /own use | Fruit | - | - | - |
| Tree | Plash | <i>Butea monosperma</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |

| | | | | | | | | | | | |
|-------|-----------|-------------------------------|--------|------------------------|------|----------|--------------------|------------------|---|---|---|
| Tree | Jamun | <i>Syzigium cumini</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Shrub | Santha | <i>Dodonaea viscosa</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Tree | Amb | <i>Mangifera indica</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Fruit | - | - | - |
| Tree | Kiker | <i>Acacia nilotoca</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Tree | Sagwan | <i>Tectona grandis</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Tree | Safeda | <i>Eucalyptus spp.</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Tree | Bel | <i>Aegle marmelos</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Leaves/ Fruit | - | - | - |
| Tree | kakoa | <i>Flacourtia indica</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Fruit | - | - | - |
| Grass | Bamboo | <i>Dendrocalamus Strictus</i> | Grass | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Sticks | - | - | - |
| Herbs | Bhang | <i>Cannabis sativa</i> | herbs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Leaves | - | - | - |
| Herb | Jojra | <i>Pupalia lappacea</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | _ | - | - | - |
| Shrub | Garna | <i>Carissa spinarum</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Fruit | - | - | - |
| Shrub | Panjphuli | <i>Lantana camara</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | _ | - | - | - |
| Shrub | Gandila | <i>Nerium indicum</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Flower | - | - | - |

| | | | | | | | | | | | |
|---------|---------------------|---------------------------------|---------|------------------------|------|----------|--------------------|------------------|---|---|---|
| Shrub | Pansar | <i>Wemdlandia heynei</i> | Shrubs | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | - | - | - | - |
| Herbs | congress Grass | <i>Parthenium hysterophrous</i> | herbs | Northern/ Sub-Tropical | Good | Moderate | - | - | - | - | - |
| Tree | Badh | <i>Ficus benghalensis</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | - | | - | - | - |
| Tree | Phulai | <i>Acacia modesta</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Timber/ Firewood | - | - | - |
| Climber | Tarad | <i>Dioscorea belophylla</i> | Climber | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Roots | | | |
| Climber | Jungli bitter melon | <i>Momordica charantia</i> | Climber | Northern/ Sub-Tropical | Good | Moderate | Commercial/own use | Fruit | | | |
| Climber | Purple yam | <i>Dioscorea alata</i> | Climber | Northern/ Sub-Tropical | Good | Moderate | - | | | | |
| Climber | Striped cucumber | <i>Diplocyclos palmatus</i> | Climber | Northern/ Sub-Tropical | Good | Moderate | - | | | | |

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 |
| 4 | Brenker | <i>Adhatoda vasica</i> | Shrub | - | Good |
| 5 | Bhang | <i>Cannabis sativa</i> | Herb | Medicinal | Good |
| 6 | Aakh | <i>Ipomea carnea</i> | Shrub | Soil binder | Good |
| 7 | pansar | <i>Wendlandia heynei</i> | Shrub | Firewood | Good |

Format 20: Aquatic Biodiversity

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 |
|-----------------------|-----------------|------------------|--|--------------|--------------|-----------|----------------------|-----------------------------------|---------------|------------------------------|
| Local Name | Scientific Name | Variety | Features | Habitat | Local status | | Uses | Associated TK | Other details | Community/ Knowledge Holders |
| | | | | | Past | Present | | | | |
| Mahaseer | Tor putitora | Local, Migratory | Big Head, Small Barbels, Golden Scales | River Chenab | Available | Available | Own & Commercial use | Used as food as source of protein | - | 25% |
| Churru, Alwaan, Khont | Schizothorax | Local, Migratory | Cylindrical body with short blunt upper jaw, ray-finned fish | River Chenab | Available | Available | Own & Commercial use | Used as food as source of protein | - | 25% |

Other details may include mode of catching fish, time of availability, breeding time, etc.

Mode of Catching Fish:-By Hook & Line, Castnet, Gillnet

Time of Availability:- Throughout the year

Breeding Time :- During the month of May & June & Monsoon Season

Format 21: Wild Aquatic Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|--------|------------|-----------------|---------|------------|--------|
| S. No. | Local Name | Scientific Name | Variety | Importance | Trends |
| | | | | | |
| | | | | | |

No Aquatic weed found in this panchayat

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 | Arjun | <i>Terminalia arjuna</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Bark | - | - | |
| Tree | Amla | <i>Emblica officinalis</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Bark/ Fruit | - | - | |
| Tree | Harad | <i>Terminalia chebula</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Bark/ Fruit | - | - | |
| Tree | Behra | <i>Terminalia bellirica</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Bark/ Fruit | - | - | |
| Tree | Sukchain | <i>Pongamia pinnata</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Bark | - | - | |
| Tree | Jamun | <i>Syzgium cumini</i> | Tree | Northern/Sub-Tropical | Good | Good | Medicinal | Fruit /seeds | - | - | |

Format 23: Wild relatives of Crops

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|------------|-----------------|-----------------|---------------------|--------------|---------|--------------|-----------|---------------|---------------|-------------------------|
| Local Name | Scientific Name | Associated crop | Landscape / Habitat | Local Status | | Uses (usage) | Part Used | Associated TK | Other details | Community / Know holder |
| | | | | Past | Present | | | | | |
| Nil | Nil | Nil | Nil | Nil | | Nil | Nil | Nil | Nil | Nil |

Format 24: Ornamental Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|-----------------------------|---------|----------------------------|----------------------------------|---------------|------------------|-----------------------------|
| Local Name | Scientific Name | Variety | Habitat | Commercial / Non-commercial Uses | Associated TK | Any other Detail | Community/ Knowledge Holder |
| Gandila | <i>Nerium indicum</i> | Shrub | Northern/ Sub-Tropical | - | - | - | - |
| Panjtara | <i>Tora spinosa</i> | Shrub | Northern/ Sub- Tropical | - | - | - | - |
| Bougainvillea | <i>Bougainvillea glabra</i> | Shrub | Northern/ Sub- Tropical | - | - | - | - |
| Gulmohar | <i>Delonix regia</i> | Tree | Northern/ Sub- Tropical | - | - | - | - |

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 spp.</i> | | Homestead, agricultural land | Abudant | abudant | Spice | leaves | | | |
| Tree | curry tree | <i>Murraya koenigli</i> | | moist forest and agricultral land | Abudant | abudant | Spice | leaves | | | |
| Herb | wild Tulsi | <i>Ocimum sanctum</i> | | Moist soil | Abudant | abudant | Medicinal | leaves | | | |

Format26: 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> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Ber | <i>Ziziphus jujuba</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Sagwan | <i>Tectona grandis</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Safeda | <i>Eucalyptus spp.</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Simbal | <i>Bombax ceiba</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Tunu | <i>Toona ciliata</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |
| Jamun | <i>Syzygium cumini</i> | Northern/ Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |

Format 27 A: Coastal and Marine Flora

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

Format 27 B: Coastal and Marine Fauna

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

NIL

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 |
|--------------|----------------------|----------------------------|------------------------|-------------|------------------|--------------|---------|--------------|---------------|---------------|----------------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when seen | Local status | | Uses ,if any | Associated TK | Other Details | Community Knowledge Holder |
| | | | | | | Past | Present | | | | |
| Wild Animal | Squirrels | <i>Funambulus palmarum</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild Animal | Boar | <i>Sus scofra</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild Animal | Monkey | <i>Cercopithecidae</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild Bird | Red jungle fowl | <i>Gallus gallus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild bird | Rose ringed parakeet | <i>Psittaculidae</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild Animal | Fox | <i>Vulpes spp.</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Wild Animal | Porcupine | <i>Erethizon dorsatum</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| wild insects | Grasshopper | <i>Parallelus spp.</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |

| | | | | | | | | | | | |
|--------------|------------|---------------------------------|------------------------|---|---|------|------|---|---|---|---|
| wild insects | butterfly | <i>Chorthippus brunneus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| wild insects | bees | <i>Apis mellifera</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| wild insects | ants | <i>Brachymyrmex patagonicus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| wild insects | Bumble bee | <i>Bombus spp.</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Amphibia | Frog | <i>Euphlyctis cyanophlyctis</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Reptiles | Tortoises | <i>Testudines spp.</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |
| Reptiles | Snake | <i>Serpentes spp.</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | - |

Format 29: Flora URBAN BIODIVERSITY

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|----------------|-------------------------|----------------|--------------|------------------|------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Plants | Habitat | Flowering Season | Remarks (Rare / Common etc.) |
| 1 | <i>kikar</i> | <i>Acacia nilotica</i> | Broad leave | sub tropical | summer | Common |
| 2 | <i>Mangoo</i> | <i>Mangifera Indica</i> | Broad leave | sub tropical | summer | Common |
| 3 | <i>Safeda</i> | <i>Eucalyptus spp.</i> | Broad leave | sub tropical | summer | Common |
| 4 | <i>Sree</i> | <i>Albizia lebbek</i> | Broad leave | sub tropical | summer | Common |
| 5 | <i>Talli</i> | <i>Dalbergia sissoo</i> | Broad leave | sub tropical | summer | Common |
| 7 | <i>Popular</i> | <i>Populus ciliata</i> | Broad leave | sub tropical | summer | Common |
| 9 | <i>Jammun</i> | <i>Syzygium cumuni</i> | Broad leave | sub tropical | summer | Common |

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

Format 30: Fauna

| 1 | 2 | 3 | 4 | 5 | 6 |
|------|-------------|----------------------------|--|-------------|---------------------------|
| S.No | Local Name | Scientific Name | Type of Animals(Mammals /Birds/Fish/Insects etc.) | Habitat | Remarks(Rare/common etc.) |
| 1 | Cow | <i>Bos indicus</i> | Mammals | Terrestrial | Common |
| 2 | Buffalow | <i>Babalus bubalis</i> | Mammals | Terrestrial | Common |
| 3 | Sheep | <i>Ovis aries</i> | Mammals | Terrestrial | Common |
| 4 | Goat | <i>Capra hircus</i> | Mammals | Terrestrial | Common |
| 5 | Sparow | <i>Passer domesticus</i> | Birds | Terrestrial | Common |
| 6 | Crow | <i>Corvov splendens</i> | Birds | Terrestrial | Common |
| 7 | Parrot | <i>Psittaciformes spp.</i> | Birds | Terrestrial | Common |
| 8 | Peacock | <i>Pavo cristatus</i> | Birds | Terrestrial | Rare |
| 9 | Ant | <i>Formicidae</i> | insects | Terrestrial | Common |
| 10 | Bee | <i>Apis spp.</i> | insects | Terrestrial | Common |
| 11 | Butterfly | <i>Rhopalocera</i> | insects | Terrestrial | Common |
| 12 | Mosquito | <i>Aedes spp.</i> | insects | Terrestrial | Common |
| 13 | Caterpillar | <i>Lepidoptera</i> | insects | Terrestrial | Common |
| 14 | Fish | | Aquatic Animals | Aquatic | Common |
| 15 | Frog | <i>Anura spp.</i> | Aquatic Animals | Aquatic | Common |
| 16 | Tortoise | <i>Testudinidae spp.</i> | Aquatic Animals | Aquatic | Common |
| 17 | Crocodile | <i>Crocodylinae spp.</i> | Aquatic Animals | Aquatic | Rare |

| Format 31: Any other information of local importance | | |
|---|---|----------------|
| 1 | 2 | 3 |
| Sr. No. | Information of local importance | Remarks |
| 1 | Bittergurd is produced in very large quantity | |
| Guta | Flower Marigold (Gutta) production in large amount and marketing is also done. | |
| 3 | Harappan Site : Fruits and Evidences of harappan civilization. | |
| | | |
| <i>End of Part II</i> | | |