

## People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : DUB KHALSA

Taluk: POUNI

District : REASI

State: J&K

Geographical Area of the Panchayat Samiti: 273 HECT

Population under the Panchayat Samiti: Total : 1434

Male: 754                      Female : 680

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 31/08/2020

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

## Annexure 1

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

1)Name of the Chairperson:Sham Lal

Age: 47 years

Gender: M

Address: R/o Dub Khalsa

Area of specialization:

2) Name: Santosh Kumari

Age: 38 years

Gender: F

Address: R/o Dub Khalsa

Area of specialization:

3)Name: Anita Devi

Age: 35 years

Gender: F

Address: R/o Dub Khalsa

Area of specialization:

4)Name: Shahnaz Begum

Age: 37years

Gender: F

Address: R/o Dub Khalsa

Area of specialization:

<b>5)Name: Suraj Parkash</b>
<b>Age:</b>
<b>Gender: M</b>
<b>Address: R/o Dub Khalsa</b>
<b>Area of specialization:</b>
<b>6)Name: Om Parkash</b>
<b>Age:</b>
<b>Gender: M</b>
<b>Address: R/o Dub Khalsa</b>
<b>Area of specialization:</b>
<b>7)Name: Munshi Ram S/o Guran Ditta</b>
<b>Age:</b>
<b>Gender: M</b>
<b>Address: R/o Dub Khalsa</b>
<b>Area of specialization:</b>
<b>Area of specialization:</b>

## 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 : MUNSHI RAM

Age:

Gender:M

Address:DUB KHALSA

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: NIL

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: NIL

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: Shabeer Choudhary s/o Gani Mohd

Age: 23

Gender: Male

Address: r/o Bari

Area of specialization:

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

**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: NIL

Name and Address:

2) Contact Person: NIL

Name and Address:

3) Contact Person: NIL

Name and Address:

4) Contact Person: NIL

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 fee imposed and details of the benefit derived and the mode of their sharing**

<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

*End of Part I*

**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**  
**Format 1: Crop Plants**

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Paddy	<i>Oryza sativa</i>	dhan Munji								Food Fodder		Required less water it is suitable for rainfed area	Agri.Deptt.	
wheat	<i>Triticum aestivum</i>	kanak								Food Fodder		Suitable of Plain & Mid Hills	Local	
maize	<i>Zea mays</i>	makk,kukri challi,buhhta,jo bar								Food Fodder		Suitable of Plain & Mid Hills	Agri.Deptt.	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.



### 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						
Tree	<i>Punica granatum</i>	Anar	Desi	Jungle/ House	Normal		Forest			Domestic	Own use	
Tree	<i>Ziziphus jujuba</i>	Ber	Desi	Jungle/ House	Normal		Forest			Domestic	Own use	
Tree	<i>Prunus persica</i>	Adu	Desi	Jungle/ House	Normal		Forest	Summer	-	Domestic	Own use	Department/ Local
Tree	<i>Pyrus</i>	Nakh	Desi	Jungle/ House	Normal		Forest			Domestic	Own use	
Tree	<i>Psidium guajava</i>	Ambrud		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Carissa spinarum</i>	Garna	Desi	Jungle/ House	Normal		Forest	June, July		Domestic	Own use	
Tree	<i>Syzygium cumini</i>	Jamun	Desi	Jungle/ House	Normal		Forest	June, July		Domestic	Own use	
Tree	<i>Eriobotrya japonica</i> )	Loquat	Desi	Jungle/ House	Normal		Forest	June, July		Domestic	Own use	
Tree	<i>Phyllanthus emblica</i>	Amla		Jungle/ House			Forest			Domestic	Own use	

Tree	<i>Mangifera indica</i>	Aam		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Citrus sinensis</i>	Santra		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Atrocarpus heterophyllus</i>	Jackfruit		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Citrus sinensis</i>	Mosammi		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Citrus medica</i>	Kimb		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Citrus jambhiri</i>	Jamiri		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Pirus serotina</i>	Kainth		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Flacourtia indica</i>	Kakoa		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Ficus palmata</i>	Fagora		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Aegle marmelos</i>	Bel		Jungle/ House			Forest			Domestic	Own use	
Tree	<i>Vitis vinifera</i>	Grapes		Jungle/ House			Forest			Domestic	Own use	
Tree		Berdha		Jungle/ House			Forest			Domestic	Own use	
Tree		Jumney		Jungle/ House			Forest			Domestic	Own use	

### Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Tree	<i>Albizia lebbeck</i>	Kala Siris	Forest			Forest/Natural		Leaves		Local
Tree	<i>Leucaena leucocephala</i>	Lucini	Forest			Forest/Natural		Leaves		Local
Tree	<i>Morus alba</i>	Toot	Forest			Forest/Natural		Leaves		Local
Tree		Reedh	Forest			Forest/Natural		Leaves		Local
Tree		Khark	Forest			Forest/Natural		Leaves		Local
Tree	<i>Melia azedarach</i>	Draink	Forest			Forest/Natural		Leaves		Local
Tree	<i>Acacia catechu</i>	Khair	Forest			Forest/Natural		Leaves		Local
Tree	<i>Ziziphus mauritiana</i>	Ber	Forest			Forest/Natural		Leaves		Local
Tree	<i>Grewia optiva</i>	Dhaman	Forest			Forest/Natural		Leaves		Local
Tree		Sanjan	Forest			Forest/Natural		Leaves		Local

Tree		Kalyard	Forest			Forest/Natural		Leaves		Local
Tree		Bherda	Forest			Forest/Natural		Leaves		Local

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

**Format 4: Weeds**

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Panjphuli	<i>Lantana camara</i>	Panjphuli										

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

**Format 5: Pests of Crops**

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
			Pangu kutta						
		<i>M. Obesi</i>	Seenak						

Other details may include possible reasons for insects/animal attack

**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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**Note: [1] (D) – day; (M) – month;**

**[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)**

**Format 7: Peoplescape**

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Hindu	Daily wager						SC/Gen			
Muslim	Animal rearing, jobs at gawal						ST			
Sikh	own business & shops						Gen/OBC			

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.  
 Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc  
 How the community manages the landscapes they use for satisfying different needs, their strategies and perception  
 How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc



**Format 8: Landscape**

1			2	3	4	5	6	7	8	9	10	11	12
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											

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

**Format 9: Waterscape**

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Stream	Nallah	10 kms		Fish, Frog, snake		Irrigation			Irrigation, washing, bathing			
PONDS	Talab		Own/Pvt			Drinking, Irrigation		Salinity of water	Irrigation, washing, bathing			

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



**Format-11: FRUIT TREES DOMESTICATED BIODIVERSITY**

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local status		Source of Seeds/ Plants	Season of Fruiting	Uses (usages)	Associated TK	Other details market/ own use	Community/ knowledge holder
					Past	Present						
Woody Tree	Amb	<i>Mangifera indica</i>	Desi	Forest	Available	Available						
Woody Tree	Amrood	<i>Pidium guajava</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Santra	<i>Citrus reticulata</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Kimb	<i>Citrus medica</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Jamiri	<i>Citrus jambhiri</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Desi	Sub-tropical	Good	Good						
Woody Tree	Nakh	<i>Pyrus communis</i>	Desi	Sub-tropical	Good	Good						
Soft Tree	Papita	<i>Carica papaya</i>	Desi	Sub-tropical	Good	Good						



**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 use	Community/ Know. Holders
						Past	Present					
Tree	Neem	<i>Azadirachta indica</i>										
Shrubs	Tulsi	<i>Ocimum Sanctum</i>										
Herb	Pudina	<i>Mentha spp.</i>										
Herbs	Giloe	<i>Tinospora sinensis</i>										
Herbs	Kuad Gandal	<i>Aloe barbadensis</i>										
Herbs	Khajoor	<i>Phoenix sylvestris</i>										
Herbs	Gadhal											

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)  
Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal







### Format 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					
	Cow	<i>bos taurus</i>	Both			Available	Available	Own				
	Ox	<i>bos taurus</i>	Local			Available	Available	Own				
	Dog	<i>Canis Lupus</i>	Both			Available	Available	Own				
	Cat	<i>Felis Catus</i>	Local			Available	Available	Own				
	Poultry Sheep	<i>Ovis aries</i>	Local			Available	Available	Own				
	Goat	<i>Capra Aegagrus</i>	Local			Available	Available	Own				
	Rabbit	<i>Oryctolagus cuniculus</i>	Local			Available	Available	Own				

Uses include milk, meat, skin, fur and etc

**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					
	Groj		Local	Face like snake	Nallah	Available	Available	Own	High protein			
	Desi		Local					Own	High protein			

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







**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 Holder
					Past	Present				
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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



**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					
Nil	Nil	Nil	Nil	Nil	Nil		Nil	Nil	Nil	Nil	Nil

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)  
 Other details: Harvesting period /Perennial/annual/seasonal



**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 / Knowledge holder
				Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

















**Format 29: Flora**

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

**Format 30: Fauna**

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
Nil	Nil	Nil	Nil	Nil	Nil

**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*