

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti Chak Chattakan

Taluk: Ramgarh

District: Samba

State:J&K UT

Geographical Area of the Panchayat Samiti: 302.45 ha

Population under the Panchayat Samiti: Total = 3276

Male	1649	Female: 1627	Total: 3276
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Habitat and Topography: Subtropical

Climate (Rainfall, Temperature and weather patterns) Moderate

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

Date, Month and Year of PBR Preparation : 14.09.2022

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

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

Chairperson: Piyar Singh S/o Bansi Singh

Member Matkalian

Nomination:

Santosh Kumari W/o Rattan Chand

Member Salaria

Nomination:

Kamaljeet kour w/o Kulvinder Singh

Member Salaria

Nomination:

Gurdeep Singh S/o Puran Singh

Member Matkalian

Nomination:

Satpal S/o Sain dass

Member Chatakkan

Nomination:

Joginder Singh S/o Piyar Singh

Member Salaria

Nomination:

Didar Singh S/o Kartar Singh

Member Salaria

Nomination:

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 :

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) 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:

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: Ravi Singh S/o Anchal singh

Age: 55

Gender: M

Address: Kotli Matkalian

Area of specialization:

2) Name : Om sharma

Age: 45

Gender: Male

Address: Chak Chattakan

Area of specialization: Agriculture

3) Name : Tilak Raj S/o Kaka Ram

Age: 55

Gender: M

Address: Chak Chattakan

Area of specialization:

4) Name :

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: Anil Jamwal S/o Ramesh Singh R/o Kotli Matkalian

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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							
Rice	<i>Oryza sativa</i>		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for "Valicha" cultivation		Kurichiya Kuruma W. Chetty
Potato	<i>Solanum tuberosum</i>	Aalo	Kufri Sindhuri, Kufri Badsha, local			Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Rabi	High carbohydrate, provide high n energy value				
Chilli	<i>Capsicum spp</i>	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropical vegetable, grows well warm humid conditions		Abundant	Abundant	Used as spice ,medicinal value	winter season	Contains good ammount of vitamin A&C				
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.	Rabi	Tomatoes are also packed with vitamins A and C, calcium, potassium.				

Okra	<i>Abelmoschus esculentus</i>	Bindi	Varsha uphar, Arka Anamika	Tropical/sub tropical vegetable Hot and humid climate		Abundant	Abundant	Mainly vegetable	Summer/ Kharif	Contains dietary fibers, protein and carbohydrates				
Cucumber	<i>Cucumis sativus</i>	Kheera	Kheera local, JL	Grows in all climatic conditions, Tropical, Sub tropical & temperate		Abundant	Abundant	Mainly used as salad	Summer/ Kharif	It is also used as antipyretic and causes cooling effect				
Bottle gourd	<i>Lagenaria siceraria</i>	Lokki	PSPL/ Punjab Long	Summer & rainy season crop		Abundant	Abundant	Subzis, curries and gravies.	Summer/ kharif	It also contains essential vitamins and minerals				
Bitter gourd	<i>Momordica charantia</i>	karela	Pusa Domaus mi/ Kundan	Warm and Humid climate		Abundant	Abundant	Vegetable and medicinal value	Summer/ kharif	Used for maintaining low sugar level				
Beans	<i>Phaseolus Spp.</i>	Phaliya	Contender	Cool weather crop/Sandy/loamy soil		Abundant	Abundant	Mainly vegetable	Summer season	High value protein, Vitamins B1, B2, B6 and Magnesium				
Cauliflower	<i>Brassica oleracea var. botrytis</i>	Fol gobi	Pusa snow ball, Pusa Katki, local Girja	Both sub tropical & intermediate		Abundant	Abundant	Curd Mainly used as vegetable	Rabi	Also good source of protein, carbohydrate, phosphorus & iron				
Cabbage	<i>Brassica oleracea var. capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Both sub tropical & intermediate		Abundant	Abundant	Head Mainly used as vegetable, salad	Rabi	Also good source of protein, carbohydrate, phosphorus & iron				

Knol khol	<i>Brassica oleracea</i> <i>var.gongyloides</i>	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical		Abundant	Abundant	Swollen stem and leaves are consumed as vegetable	Rabi	-					
Spanich	<i>Spinacea oleracea</i>	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils		Abundant	Abundant	Tender green leaves used as leafy Vegetable	Rabi	Vitamins A and C, fiber, folic acid, and other nutrients					
Radish	<i>Raphanus sativus</i>	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils		Abundant	Abundant	Modified Roots are used as Vegetabke & Salad	Rabi	Full of vitamin A, C, E, B6, potassium, and other minerals,					
Carrot	<i>Daucus carota</i>	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite		Abundant	Abundant	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	Rabi	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid					
Turnip	<i>Brassica rapa</i>	Gunglu /Shalgam	PTWG/ Local	Cool &moist climate/sub tropical&intermedite		Abundant	Abundant	Root is used as Vegetable ,Salad ..	Rabi	Good source of Vit.C,Diatry Fiber &Potasium					
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/ Privaate Suppliers	Farmers	
			K-517			Plenty	Rare	Average tall with yellow in colour							
			Ujala			Normal	Plenty								
			K-612			Plenty	Normal								
Pro Agro-4794		Plenty	Normal	Tall, high yielding with yellow in colour)											

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						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malta	Plains	Plenty	Plenty	Nurseries	Jun-Aug		Fruit, Pickle, Preserves	Marketing, Own Use	Nil
Citrus Fruit	<i>Citrus spp.</i>	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	Marketing	
Guava	<i>Psidium guajava</i>	Amrood	Local, L49 etc.	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing, Own Use	
Grapes	<i>Vitis vinifera</i>	Anjoor	Local Dakh, Perlette	Plains, Mid Hills	Rare	Plenty	Nurseries	Jul - Aug		Fruit		
Papaya	<i>Carica papaya</i>	Papita	Local	Plains	Rare	Plenty	Nurseries, Locally Raised	Aug - Oct		Fruit	Own Use	

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific 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	Aam	<i>Mangifera indica</i>	Desi, Dushari , Malta	Plains	Plenty	Plenty	Nurseries	June- August				
Citrus Fruits	Khatti, Mosambi, santra, Nimbu,	<i>Citrus spp</i>	Local,Kagzi lime, Italian limeHill lemon etc	Plains,mid hills	Plenty	Plenty	Nurseries	Throughout year				
Guava	Amrood	<i>Psidium guajava</i>	Local, Allahabadi, Safaida	Plains lower hills	Plenty	Plenty	Nurseries	June- August				
Grapes	Angoor	<i>Vitis vinifera michx</i>	Local Dakh perlette	Plains mid hills	Rare	Plenty	Nurseries	June- August				
Aonia	Ambla	<i>Emblica officinalls Syn phylanthus emblica</i>	local selection NA-7	Plains mid hills	Plenty	Plenty	Nurseries local collection	Nov- Dec.				
Ber	ber	<i>Ziayphus mauritiana lamk</i>	Gola Banarasi	Plains	Plenty	Plenty	local raised	July- August				
Jamun	Jamun	<i>Syzygium cumini</i>	local selection	Plains	Rare	Rare	Nurseries, local raised	July- August				

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	Mangoo	<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	Talli	<i>Dalbergia sissoo</i>	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community
Trees	Popular	<i>Populus ciliata</i>	Lower shiwalik	Rare	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					
Goat	Bakri	<i>Copra</i>	Beetal Crosses	Large size, high body wt. mostly black & brown body color	Statonary	Pleny	Rare	Chevon milk, skin, hair and manure	Yes	Some	Chevo, milk skin, hair, bones, hide and gut	Locals
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

Poultry	Parrot	<i>Psittaciformes</i>	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
Poultry	Pigeon	<i>Columbidae</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

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	Amla	<i>Emblica officinalis</i>	Tree	Northern/ Sub-Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Northern/ Sub-Tropical	Good	Modertae	Commercial/Own use	Timber/ Firewood			
Tree	Amb	<i>Mangifera indica</i>	Tree	Northern/ Sub-Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Safeda	<i>Eucalyptus</i>	Tree	Northern/ Sub-Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Neem	<i>Azadirachta indica</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Climber	Amar bel	<i>Cuscuta reflexa</i>	Climber	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Grass	Doob grass	<i>Cynadon dactylon</i>	Grass	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-

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	Kanner/Lal Gandila	<i>Nerium indicum</i>	Shrub		Good
2	Aak	<i>Calotropis gigantea</i>	Shrub	Medicinal	Good
3	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
4	bamboo	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Auk	<i>Ipomoea cornea</i>		cure respiratory diseases	
2	Kumudene	<i>Nymphoides indica</i>		Wound healing	
3	Water Hyacinth, Floating Weed	<i>Eichhornia crassipes</i>	Invasive	Can be used to make compost, Mulching & to Clean Sewage	Free Floating Weed

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		
Tree	Harad	<i>Terminalia chebula</i>	Tree	Northern/Sub-Tropical	Good	Good	--	Medicinal	Bark		
Tree	Sukchain	<i>Pongamia pinnata</i>	Tree	Northern/Sub-Tropical	Good	Good	--	Medicinal	Bark		
Climber	Giloe	<i>Tinospora cordifolia</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Stem	-	
Shurb	Bana	<i>Vitex negundo</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	
Herbs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available		treats anxiety	leaves		

Format 31: Any other information of local importance

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