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वहाँ है खुशहाली।।



Internal Monitoring Report

2018-19 to 2020-21

National Mission for A Green India



Madhya Pradesh Forest Department

The National Mission for Green India:

One of the eight missions under the National Action Plan on Climate Change (NAPCC).

The **NAPCC** addresses the urgent and critical concerns off sustainable development and identifies the closed linkage of the economy with its natural resource base. In the light of climate change threatening to affect and alter the distribution type and quality of natural biological resources of the country.

The **GIM** puts the greening in the context of climate adaptation and mitigation aiming to enhance ecosystem services and provisioning services while addressing the livelihood issues of people living in and around forests through holistic treatment of selected areas aiming at overall improvement/restoration of forests and enhancing alternate and forest based livelihood opportunities of forest dependent communities including tribal and other poor people along with building capacities of the communities.

GIM in MP : For the purpose of implementation of Green India Mission in Madhya Pradesh, Eight L1 landscapes have been identified in which total 18 forest divisions covering 15 districts have been selected. In these 18 divisions 122 Milli-Watersheds have been selected as L2 Landscapes (Operational Units) and 735. Micro Watersheds In these L2 landscapes have been selected as L3 landscapes (working units) with the help of Geographical Information System (GIS)

Green India Mission, Madhya Pradesh ,2021

Published by

MP Forest Department
Wing-Green India Mission

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Citation

https://www.mpforest.gov.in/HO_Outer/GIM_NationalMission.aspx

Green India Mission Internal Monitoring Report for Activities and Survival Percent of the Plantations.







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1.



Introduction

The National Mission for a Green India (GIM) was announced as one of the eight missions under the National Action Plan on Climate change (NAPCC). It recognizes that Climate Change phenomenon will seriously affect and alter the distribution, type and quality of natural biological resources of the country. The NAPCC addresses the urgent and critical concerns of sustainable development and identifies the close linkage of the economy with its natural resource base.

Mission for a Green India, commonly referred to as the Green India Mission (GIM) which aims to improve the forest cover by integrating the issues of forest quality and ecosystem services. It aims at protecting, restoring and enhancing India's diminishing forest cover and responding to climate change by a combination of adaptation and mitigation measures. Green India Mission takes a holistic view of greening and focuses on multiple ecosystem services, especially biodiversity, water, biomass, preserving mangroves, wetlands, critical habitats, and so forth. It also includes carbon sequestration as a co-benefit.

GIM has adopted an integrated cross-sectoral approach to implement programs on public as well as private lands, and to give local communities key roles in planning, decision making, implementation and monitoring.

BOX-1

Broad Objectives of Green India Mission to be covered over next 10 years

- i. Increased forest/cover to the extent of 5 million hectare (mha) and improved quality of forest/tree cover of another 5 (mha) of forest/non-forest lands.
- ii. Improved/enhanced eco-system services like carbon sequestration and storage in forests and other ecosystems), hydrological services and biodiversity; along with providing services like fuel, fodder, and timber and no-timber forest produces (NTFPs).
- iii. Increased forest-based livelihood income of about 3 million households.

In accordance with the broad objectives of Green India Mission, Madhya Pradesh Forest Department is implementing the activities in ecological importance and vulnerable regions of the state by ensuring the participation of forest dependent communities in its implementations by making them a key stakeholder in mission activities.



2.

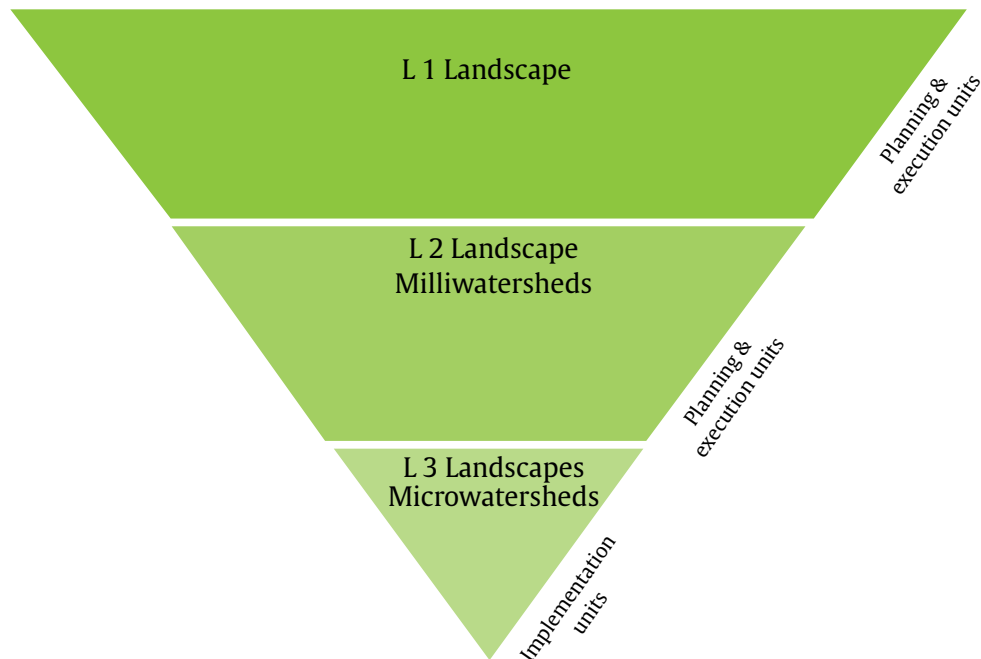


Selection of Landscapes under Green India Mission

Landscapes need to be identified on the basis of both biophysical and socio-economic parameters, with an operation unit (about 4000-6000 ha) often co-terminus with micro/milli watershed. Landscape level approach was taken for implementation of mission activities which is alien with the Green India Mission guidelines.

The landscapes identified are on the basis of combination of criteria and indicators at multiple levels. The selection process follows a hierarchical approach, and aims to identify broad landscapes of importance.

Figure 1: Multiple level landscape approach for selection of



The selection of L1 landscapes has been done on the basis of Agro-climatic zones. Madhya Pradesh has been divided into 11 Agroclimatic Zones. For the purpose of implementation of Green India Mission some minor changes have been done in the composition of these Agro-climatic zones and the state has been divided into eight L1 landscapes.

The L2 landscape (operational units) were identified on the basis of two major criteria;

- i) impact of climate change on forests of MP
- ii) Vulnerability profile for the districts of Madhya Pradesh. Based on the ecological importance total 122 milli-watersheds have been selected as L2 landscapes in 18 forest divisions spread over 16 districts.



Each milli watershed comprises of various micro watershed, these 735 micro watersheds have been taken as operational units for implementation, area of these working units have been calculated with the help of Geographical Information System (GIS) and description of different level landscapes is given below :-

Table 1: Madhya Pradesh Landscape of Green India Mission

Sl. No.	L1 Landscape	L2 Divisions	No. of milli watershed as L2 landscape	No. of micro watersheds as L3 landscape	Area (ha.)
1	Kymore plateau	Satna	4	28	33,343.09
2	Northern Hills Plains	Umara	4	24	31,919.78
		S. Balaghat	12	71	74,703.37
3	Satpura-Narmada	Hoshangabad	5	30	33,355.73
		South Seoni	11	67	75,028.40
		North Betul	4	20	27,860.36
		W. Betul	8	24	29,083.20
4	Vindhya Plateau	Raisen	10	67	51,000.26
		Obedullaganj	10	57	51,350.07
		Sehore	5	28	27,224.82
5	Malwa Plateau	Dhar	3	18	10,794.95
6	Nimar-Jhabua Hills	Jhabua	3	20	20,596.94
		Badwani	3	21	18,218.11
		Sendhwa	2	11	11,708.77
7	Bundelkhand	South Sagar	13	79	71,378.77
		S. Panna	9	64	68,068.78
8	Gird	Sheopur	8	48	50,343.13
		Shivpuri	8	58	49,501.00
TOTAL			122	735	735,479.53

The state of Madhya Pradesh has prepared a perspective plan for the year 2016-17 to 2020-21 meeting the above challenge by identifying areas highly vulnerable to climate change and in the process impacting the climate and are in the need of immediate treatment. The plan proposes to treat 3,40,700 ha of the forest land and address the alternative fuel needs of 114,185 households. The approved perspective plan has an outlay of Rs. 3,157.36 crores for treating the area under various submissions of GIM.

Figure 3 : Green India Mission main five submissions

SUBMISSION: 1

Enhancing quality of forest cover and improving ecosystem services

SUBMISSION: 2

Ecosystem restoration and increase in forest cover

SUBMISSION: 3

Enhancing tree cover in Urban and Peri Urban areas (including Institutional lands)

SUBMISSION: 4

Agro-forestry and Social forestry (increasing biomass and creating carbon sink)

SUBMISSION: 5

Restoration of wetlands

The Ministry of Environment Forest and Climate Change, while releasing the amount to the state government revised the APO to 11914 ha, 3317 households with a revised outlay of Rs 41.8026 crores. Accordingly, only the 10.54% of the proposed landscapes and sub-missions were taken up for treatment during the year 2018-19. A total of 33 L2 and 79 L3 level landscapes were taken up for treatment in the 18 forest divisions identified under Mission for a Green India in the state of Madhya Pradesh.



Table 2: Submissions and cross cutting interventions under GIM

Sl. No.	SUB-MISSIONS
COMPONENT A	
1	Enhancing quality of forest cover and improving ecosystem services
1 a	Moderately dense forest showing degradation
1 b	Eco-restoration of degraded open forest
	Type A- With plenty of root stock
	Type B- With Limited root stock - and open blanks
	Type C- Of largely open areas with sparse growth
1 c	Restoration of Grasslands
2	Ecosystem restoration and increase in forest cover
2 f	Restoration of abandoned mining areas
3	Enhancing tree cover in urban/ peri-urban areas (including institutional lands)
4	Agro-forestry and social forestry
4 a	Farmer's land including current fallows
4 b	Shelterbelt plantation
4 c	Highway/Rural roads/canals/Tank Bunds
5	Restoration of wetlands
6	Improved fuel-use efficiency/ promoting alternative energy sources
COMPONENT B	
1	Research (2% of A)
2	Publicity/Media/Outreach Activities (1% of A)
3	Monitoring and Evaluation (1% of A)
4	Livelihood Improvement Activities (17% of A)
5	Strengthening local level institutions (5 % of A)
6	Strengthening FDs (5 % of A)
7	Mission organization operation and maintenance, Contingencies and overheads (4% A)



3.

Possible Solutions to enhance forest cover, improve ecosystem services and address the drivers of degradation

- Plantation activities carried out in the degraded and under stock forest area along with soil and moisture conservation work to improve the area under forest cover.
- Moderately dense forests are treated and protected so as to improve the quality and productivity of the forests.
- Regulation on grazing and to reduce biotic pressure on forests native fodder species are planted.
- Planting of fruits, fodder and small timber species (Agro forestry activities) on non-forest area to reduce the burden on forest land.
- Encouraged use of alternative energy sources by distributing fuel efficient devices among the villagers to reduce fuel wood dependency on forests.
- Capacity building activities of JFMC/ forest department field staff in implementation of GIM activities.
- Training and skill development activities carried out to provide additional source of livelihood to the local community.

4.

Physical and Financial Progress

Under the approved APO 2018-19 advance work was carried out in 10,193 ha and 1683 energy saving devices were distributed to households with an expenditure of Rs. 2825 lakhs. Under APO 2019-20, total 10,193 ha. area was treated under forestry operations, and 24,47,193 plants of native species ecologically suitable were planted. To reduce fuel wood pressure on forest nearly 1082 households were identified for alternate fuel energy devices like Biogas, LPG under UjjawalaYojana, Solar cooker, Pressure cookers etc. from seven forest division of GIM landscapes.

Under the approved APO for FY 2020-21, 88 Forest Compartments covered for plantation works in 18 forest divisions 9,854 ha area for creation and 21,19,810 plants of native species ecologically suitable were planted. The species planted are Teak (*Tectona grandis*), Chirol (*Holoptelea integrifolia*), Awala (*Emblica officinalis*), Mahua (*Madhuca longifolia*), Khamer (*Gmelina arborea*), Munga (*Moringa oleifera*), Sitafal (*Annona squamosa*), Arjun (*Terminalia arjuna*), Imli (*Tamarindus indica*), Kachnar (*Bauhinia variegata*), Jamun (*Syzygium cumini*), Neem (*Azadirachta indica*), Bahera (*Terminalia bellirica*), Bel (*Aegle marmelos*), Pipal (*Ficus religiosa*), Mango (*Mangifera indica*), Kathal (*Artocarpus heterophyllus*), Amrud (*Psidium guajava*), Shisham (*Dalbergia sissoo*), Khair (*Acacia catechu*). No targets were allotted for promoting alternative fuel energy in the GIM landscapes in APO 2020-21.

APO FY 2020-21 was approved for Rs. 3549 lakhs. The APO was approved to treat 10,832 ha. for plantation works and 9861 ha. for maintenance works, i.e., 20,693 ha. under various submissions. No advance work was approved under APO FY 2020-21, Similarly, no funds were allotted for component B (support activities). Total expenditure by the state amounts to Rs. 3551.73 lakhs. The schedule of release and utilization of funds by GIM M.P. is shown table 3.



Table 3 : Details of funds released by MOEF & CC and expenditure by MP GIM

(Progress as on 31st March 2021)

Year	Sanctioned APO	Released from MoEF& CC		Received from State			Utilized	Remarks
		Instalment	Central Share	Central	State	Total		
2018-19		1	1022.497	1022.5	681.66	1704.16		Rs. 2383.862 (1393.422 central share, 990.44 state share) lakh not transferred to SFDA
		2	1393.422					
Total	4180.26		1022.497	1022.497	681.664	1704.161	1626.04	
2019-20			1532.535					Rs. 2554.225 lakh revalidated for APO 2018-19 on 7th June 2019.
		1	3065.298					Rs. 2600.712 lakh received for APO 2019-20 as 1st instalment
Total	7886.40		4597.833	3092.965	2061.971	5154.936	3293.52	
2020-21								
Total	3549.00			1573.03	1048.69	2621.72	3551.73	Amount of 2621.72 revalidated of APO 2019-20 1st instalment not received for APO 2020-21
Grand Total	15615.66		5620.33	5688.494	3792.323	9480.817	8471.29	

In FY 2020-21, under Budget Head 7488, National Afforestation Programme (Green India), no amount has been released for the sanctioned APO 2020-21. However, an amount of Rs. 2621.72 lakhs were revalidated from the first installment of APO 2019-20, in which, the Central Share was Rs. 1573.032 lakhs and State share is Rs. 1048.688 lakhs.

5.



Internal Monitoring and Evaluation Methodology

GIS and Drone based Monitoring for Landscape Restoration

- Madhya Pradesh Forest Department has established a best practice for planning and management of plantation sites.
- STARMAP–Spatial Technology Approach for Restoration Mapping and Planning, is a well-established methodology of online monitoring of treated areas (Landscape restoration) as well as being used to plan the interventions (such as tree planting, fencing, water conservation measures etc.)
- The step wise methodology of STARMAP is given below-
 - a) GIS based pre-determination of boundaries and treated area (by KML file/shape file)
 - b) Registering the area proposed for treatment in the Plantation Monitoring System
 - c) Creating a permanent grid and spot marking for continuous monitoring over the entire treatment area
 - d) Conducting Regeneration surveys every year and displaying them on independent third-party portal <https://geo.mpforest.gov.in/geoportal/apps/webappviewer/index.html?id=42fccb4bf21f47aebadac5cbd4746da8>
 - e) Maintaining geo-coded photographic records of each treatment site and making available at regular intervals photographs of the same site for comparison
 - f) To make available that boundaries to national body FSI for bi-annual estimation of forest cover and forest density.
- The system was also used to monitor implementation progress as well as analyze the impact of the interventions, such as planting and assisted natural regeneration (ANR) using drone camera and GIS software. The system has been adapted to use drones to take geo-referenced photographs before and after interventions.
- The method is being approved and is now being applied within the state of Madhya Pradesh.

Figure 4 : Online Plantation Monitoring System at MPFD Website

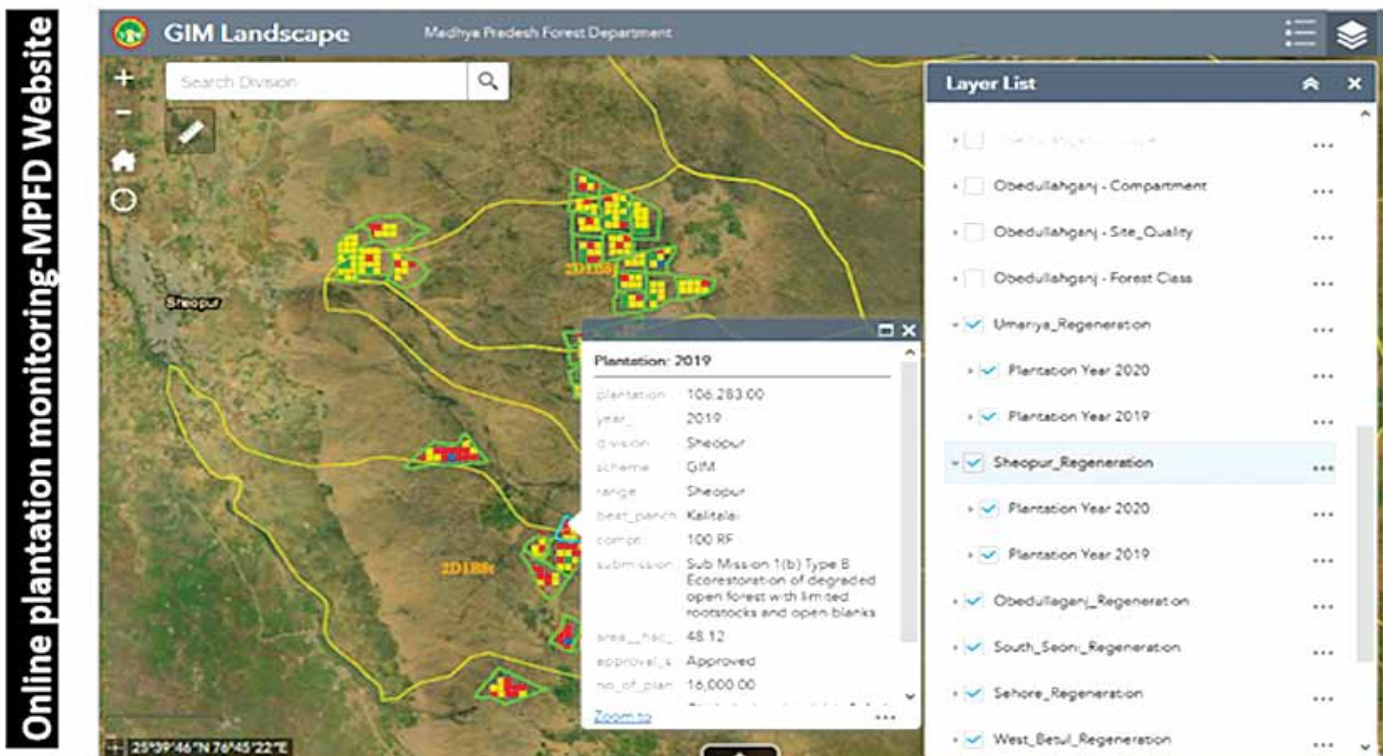
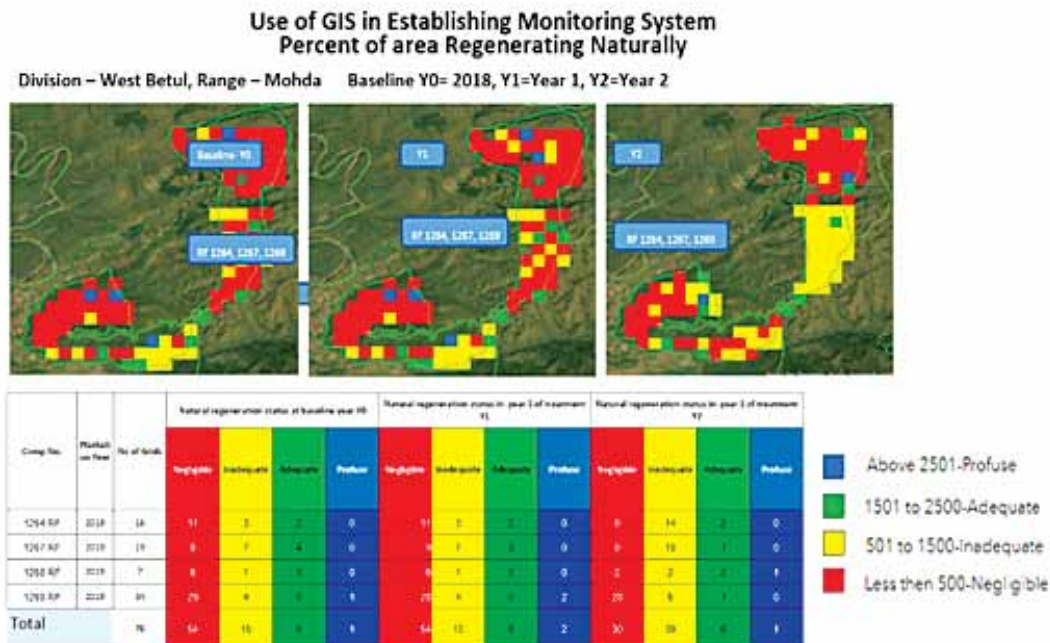




Figure 5 : GIS based regeneration monitoring system



The online plantation monitoring system available on MPFD website also provides the information about number of plants planted under various submission of Green India Mission. The year wise planted are given in Table 4.

Table 4 : Number of Plants Planted under submissions of GIM during year 2019 & 2020

(Based on PMS Portal Data)

Submission	Number of Plants Planted		
	Year 2019	Year 2020	Total
Research High Density Plantation		4140	4140
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	820191	694955	1515146
Sub Mission 1(b) Type A Eco-restoration of degraded open forests with plenty of root stocks	299921	226590	526511
Sub Mission 1(b) Type B Eco-restoration of degraded open forest with limited rootstocks and open blanks	376302	268250	644552
Sub Mission 1(b) Type C Eco-restoration of degraded open forest of large open areas with sparse undergrowth	402130	443250	845380
Sub Mission 1(c) Restoration of grasslands	114946	112400	227346
Sub Mission 2(f) Restoration of abandoned mining area	6750	2000	8750
Sub Mission 3 Plantation in Urban & peri urban areas	125307	20710	146017
Sub Mission 4(a) Agro-Forestry and Social Forestry in Farmer's land including current fallows	187226	283185	470411
Sub Mission 4(b) Agro-Forestry and Social Forestry in Shelterbelt plantation	7500	6340	13840
Sub Mission 4(c) Agro-Forestry and Social Forestry in Highways/ Rural roads /Canals/Tank Bunds	101920	54190	156110
Sub Mission 5 Restoration of wetlands	5000	3800	8800
Total Plants Planted in 18 GIM Divisions	24,47,193	21,19,810	45,67,003

The survival percent survey of the plantations is conducted on semi-annual basis. During year 2019 and 2020 twice found as more than 70 percent. The survival percent for submission 1 (a) moderately dense forest showing degradation was noted between 82.24 to 91.20 percent for two consecutive years. The submission wise details of survival percent are given below in table 5.

Table 5 : Survival Percent of plantations under submissions of GIM during year 2019 & 2020

(Based on PMS Portal Data)

Sl. No.	Submission	Plantation Year-2019						Plantation Year-2020			
		Area (Ha)	No. of Plants	Average Survival Percent				Area (Ha)	No. of Plants	Average Survival Percent	
				Oct-19	May-20	Oct-20	May-21			Oct-19	May-20
1	Research High Density Plantation							1	4140	99.42	99.13
2	Sub Mission 1(a) Moderately dense forest cover, but showing degradation	4939	820191	84.18	79.36	83.59	73.49	4809	694955	94.91	83.89
3	Sub Mission 1(b) Type A Eco-restoration of degraded open forests with plenty of root stocks	2077	299921	95.39	88.32	92.59	87.59	1907	226590	96.94	90.73
4	Sub Mission 1(b) Type B Eco-restoration of degraded open forest with limited rootstocks and open blanks	715	376302	96.21	87.71	90.84	87.03	696	268250	98.20	93.10
5	Sub Mission 1(b) Type C Eco-restoration of degraded open forest of large open areas with sparse undergrowth	514	402130	97.81	93.53	92.85	92.08	542	443250	97.63	89.02
6	Sub Mission 1(c) Restoration of grasslands	780	114946	96.25	92.53	93.64	86.89	835	112400	97.34	95.85
7	Sub Mission 2(f) Restoration of abandoned mining area	14	6750	93.43	85.87	97.34	94.36	19	2000	98.10	87.40
8	Sub Mission 3(a) Plantation in Urban & peri urban areas	122	125307	96.27	88.79	90.51	85.76	36	20710	97.16	87.52
9	Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	705	187226	96.57	82.67	91.57	53.20	784	283185	92.76	86.00
10	Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation	21	7500	98.67	85.69	88.50	88.85	8	6340	97.53	94.35
11	Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/Tank Bunds	297	101920	95.40	87.89	88.97	81.03	206	54190	95.44	87.51
12	Sub Mission 5 Restoration of wetlands	9	5000	92.00	86.30	90.13	80.20	11	3800	94.83	85.22
	TOTAL	10,193	24,47,193					9,854	21,19,810		



6.






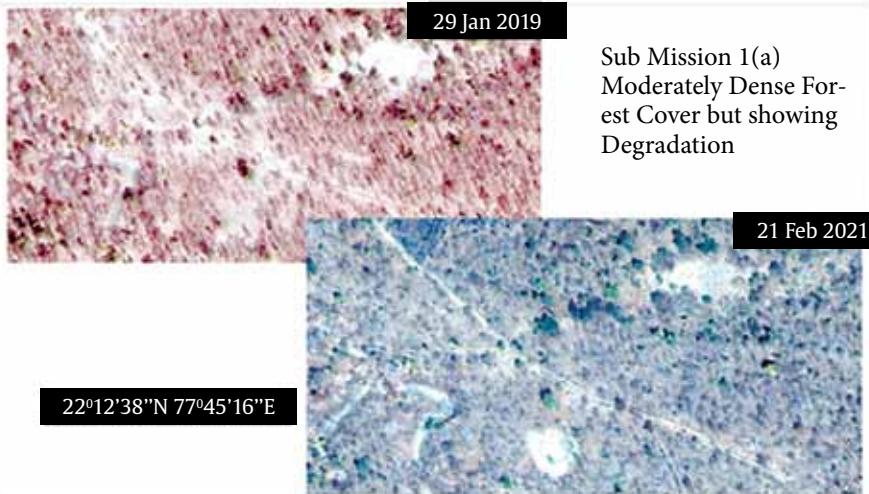
Success Stories under different submissions

Submission 1a: Enhancing quality of Moderately Dense Forest Cover Showing degradation

The activities carried out in 16 divisions (Satna, Umaria, South Sagar, South Panna, South Balaghat, South Seoni, Barwani, Sendhwa, North Betul, West Betul, Hoshangabad, Sehore, Raisen, Obaidullaganj, Shivpuri & Sheopur) under this submission. Total area treated (cumulative achievement) under this submission 9748 ha. against 9759 ha. with an expenditure of Rs. 2528.52 lakh. Total physical achievement percent is 99.89% and financial achievement percent is 71.34%.

Figure 6: The operations carried out under submission 1 (a)

		
SITE PREPARATION Demarcation, fencing, uprooting lantana/ invasive species, Baseline natural Regeneration	CREATION Gap Planting of native species, Adoption of natural seedlings, Afforestation through	MAINTENANCE Weeding, causal-ity replacement, irrigation, fire protection, natural regeneration survey second year onwards.



Landscape	Satpura Narmada
Division	North Betul
Mili-watershed	5D5A2j
Range	Shahpur
Compartment	RF 183 & 176
Beat	West Mudha
JFMC	Muda &Kotha

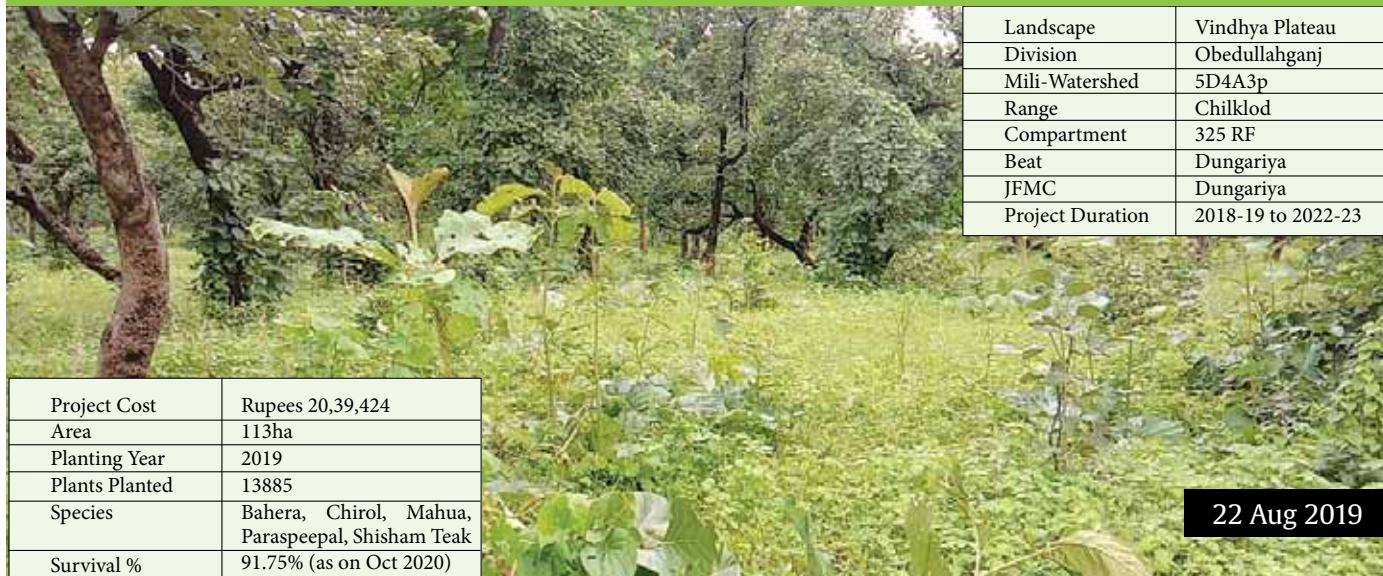
Project Cost	48.64 lakhs
Area	335 hec.
Planting Year	2019
Plants Planted	67000
Species	Teak
Survival %	94.00 % (as on October 2020)



Submission 1b Type A: Eco-restoration of degraded open Forest with plenty of root stock

The activities carried out in 16 divisions (Satna, South Sagar, South Panna, South Balaghat, South Seoni, Barwani, Sendhwa, Dhar, Jhabua, West Betul, Hoshangabad, Sehore, Raisen, Obaidullaganj, Shivpuri & Sheopur) under this submission.

Submission 1b Type A: Eco-restoration of Degraded Open Forest with plenty of Root Stock



Landscape	Vindhya Plateau
Division	Obedullahganj
Mili-Watershed	5D4A3p
Range	Chilklod
Compartment	325 RF
Beat	Dungariya
JFMC	Dungariya
Project Duration	2018-19 to 2022-23

Project Cost	Rupees 20,39,424
Area	113ha
Planting Year	2019
Plants Planted	13885
Species	Bahera, Chirol, Mahua, Paraspeepal, Shisham Teak
Survival %	91.75% (as on Oct 2020)

Total area treated (cumulative achievement) under this submission is 3983.44 ha. against 4155 ha. with an expenditure of Rs. 1197.86 lakh. Total physical achievement percent is 95.88% and financial achievement percent is 77.43%.



Submission 1b Type B: Eco-restoration of Degraded Open Forest with limited Root Stock and Open Blank

The activities carried out in 13 divisions (Satna, South Sagar, South Panna, South Balaghat, South Seoni, Jhabua, North Betul, Hoshangabad, Sehore, Raisen, Obaidullaganj, Shivpuri & Sheopur) under this submission.

14 Nov 2016

25°36'43"N 76°48'32"E

Submission: 1b Type B: Eco-restoration of Degraded Open Forest with limited Root Stock and Open Blank

23 Dec 2019

Landscape	Gird
Division	Sheopur
Mili-Watershed	2D1B8t
Range	Sheopur
Compartment	100 RF
Beat	Kalitalai
JFMC	Kalitalai
Project Duration	2018-19 to 2022-23

Total area treated (cumulative achievement) under this submission is 1411.46 ha. against 1411.46 ha. with an expenditure of Rs. 747.55 lakh. Total physical achievement percent is 101.34% and financial achievement percent is 75.56%.

May 2019

Submission 1b Type B: Eco-restoration of Degraded Open Forest with limited Root Stock and Open Blank

Jun 2020

Landscape	Gird
Division	Sheopur
Mili-Watershed	2D1B8t
Range	Sheopur
Compartment	100 RF
Beat	Kalitalai
JFMC	Kalitalai
Project Duration	2018-19 to 2022-23

Project Cost	Rupees 38,11,658
Area	48.120 ha
Planting Year	2019
Plants Planted	16000
Species	Chirhol, Jungle Jalebi, Safed Siras/ Safed Shirish, Shisham
Survival %	97.99% (as on oct 2020)



Submission 1b Type C: Eco-restoration of Degraded Open Forest (largely open areas with sparse undergrowth)

The activities carried out in 15 divisions (Satna, South Sagar, South Panna, South Balaghat, South Seoni, Dhar, Barwani, Jhabua, North Betul, Hoshangabad, Raisen, Obaidullaganj, Shivpuri & Sheopur) under this submission.

Project Cost	Rupees 25,25,028	Landscape	Gird
Area	19.12 ha	Division	Sheopur
Planting Year	2019	Mili-Watershed	2D1B8t
Plants Planted	11500	Range	Sheopur
Species	Aaonla, Bamboo, Chirol, Jungle Jalebi, Khair, Shisham	Compartment	100 RF
Survival %	97.50% (as on oct 2020)	Beat	Kalitalai
		JFMC	Kalitalai
		Project Duration	2018-19 to 2022-23

Total area treated (cumulative achievement) under this submission is 1056.13 ha. against 1311 ha. with an expenditure of Rs. 928.48 lakh. Total physical achievement percent is 80.58% and financial achievement percent is 67.38 %.



Submission 1c: Restoration of Grasslands

The activities carried out in 09 divisions (South Panna, South Seoni, Dhar, Barwani, Sendhwa, Jhabua, Obaidullaganj, Shivpuri & Sheopur) under this submission.



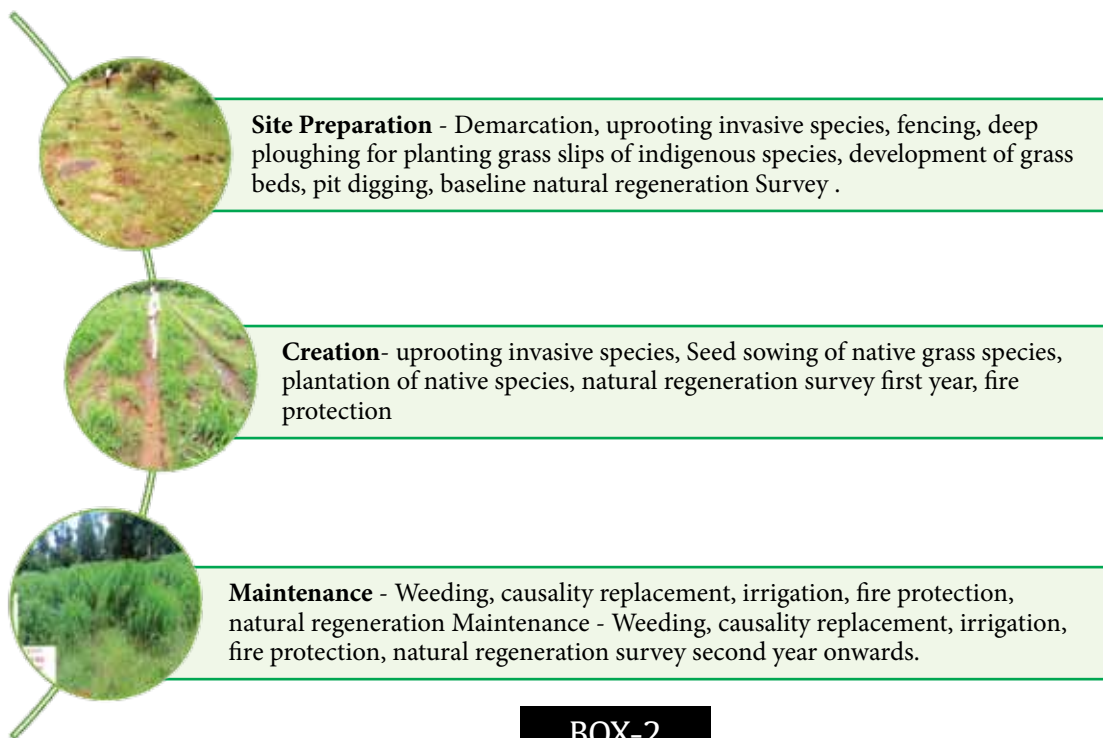
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Longitude	76048'46"
Elevation	343.36m
Accuracy	10.1m
Time	10-09-2020 (13:27)
Note	GIM bhela kud XXX aria 44.674 hac PF162

Restoration of Grassland
Compartment no.- 142 RF
Division- Sheopur



Beneficiary taking grass for cattle
Compartment no.- 220 RF
Division- Jhabua

Figure 7 : The operations carried out under restoration of grassland are -



BOX-2

Fodder Case Study - Sheopur Division



Sheopur forest division has treated 2177.52ha of land in various submission of GIM.739.42 ha., 12 sites were restored under submission 1 (c) restoration of grasslands. The activities of protection and securing forest land through chain-link facing, resulted in increased yield of grass increased by 5 to 6 times. On an average 2000 saplings of 14 species of grasses were planted.

Arrangement of distribution of fodder in the planting areas and

pasture development areas (total 34 plantation sites) was done after organizing a meeting of JFMC (VFC) and an agreement was prepared for providing free grass to the community members. Records of beneficiary and quantity of grass provided to each beneficiary was kept by the JFMC. Due care was taken of regarding there should not be any damage to the planted plants and natural regeneration while cutting the grass.

During the year 2019 and 2020, about 68,795 kg of Murjaina (*Cyperus rotundus*) grass and 4,75,124 kg of grass (5,43,919 kg of grass) were provided to 2,223 JFMC members (beneficiaries) from 34 treatment areas. The average market price of Murjaina grass was Rs.15 per kg and fodder grass for animals was average Rs. 2/- per kg. The community members saved about Rs. 20,63,859 from Murjana grass and Rs. 11,29,640/- from fodder grass.

Total area treated (cumulative achievement) under this submission is 1615.37 ha. against 2032 ha. with an expenditure of Rs. 928.48 lakh. Total physical achievement percent is 79.50 % and financial achievement percent is 67.38 %.



Submission 2f: Restoration of Abounded Mining Area

The activities carried out in 06 divisions (South Balaghat, Obaidullaganj, Raisen, South Panna, Satna & Shivpuri) under this submission.

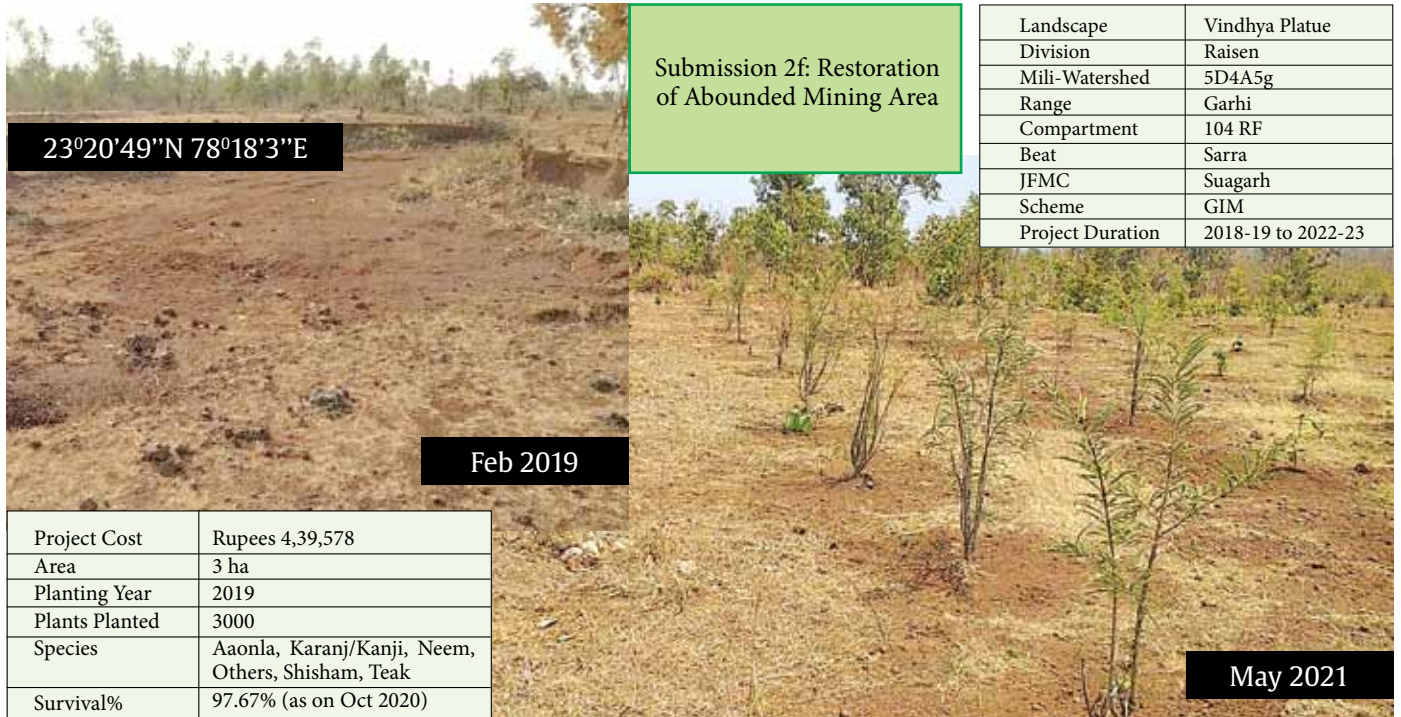


Figure 8 : The operations carried out under submission 2f are-



Total area treated (cumulative achievement) under this submission is 33 ha. against 56 ha. with an expenditure of Rs. 28.27 lakh. Total physical achievement percent is 59.46 % and financial achievement percent is 26.27 %.

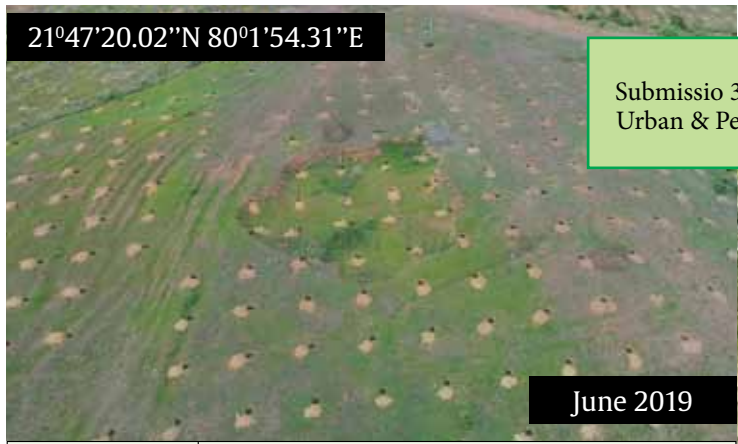


Submission 3: Plantation in Urban & Peri Urban areas

The activities carried out in all 18 GIM divisions under this submission.



Plantation in Urban & Periurban Area City Forest Maihar Division- Satna



Landscape	Northern hills plains
Division	South Balaghat
Mili-Watershed	4E5G5m
Range	Waraseoni
Compartment	RF 824
Beat	Khapa
JFMC	Bagholi
Scheme	GIM
Project Duration	2018-2022

Project Cost	6.57 lakhs
Area	6 ha
Planting Year	2019
Plants Planted	3750
Species	Gulmohar, Putranjiwa, Jamun, Aaonla, Banyan, Peltafarm, Imli, Paraspeepal, Gular, Karanj, Harra, Neem, peepal
Survival %	98.85 (as on may 2020)

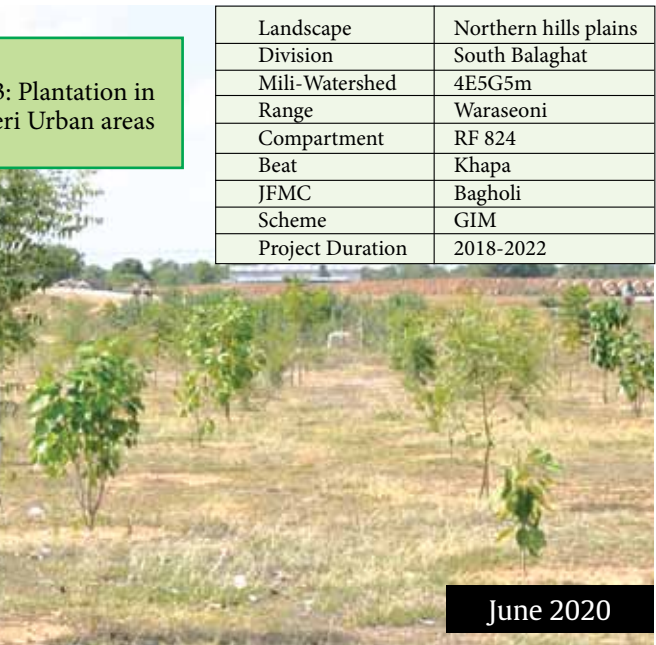
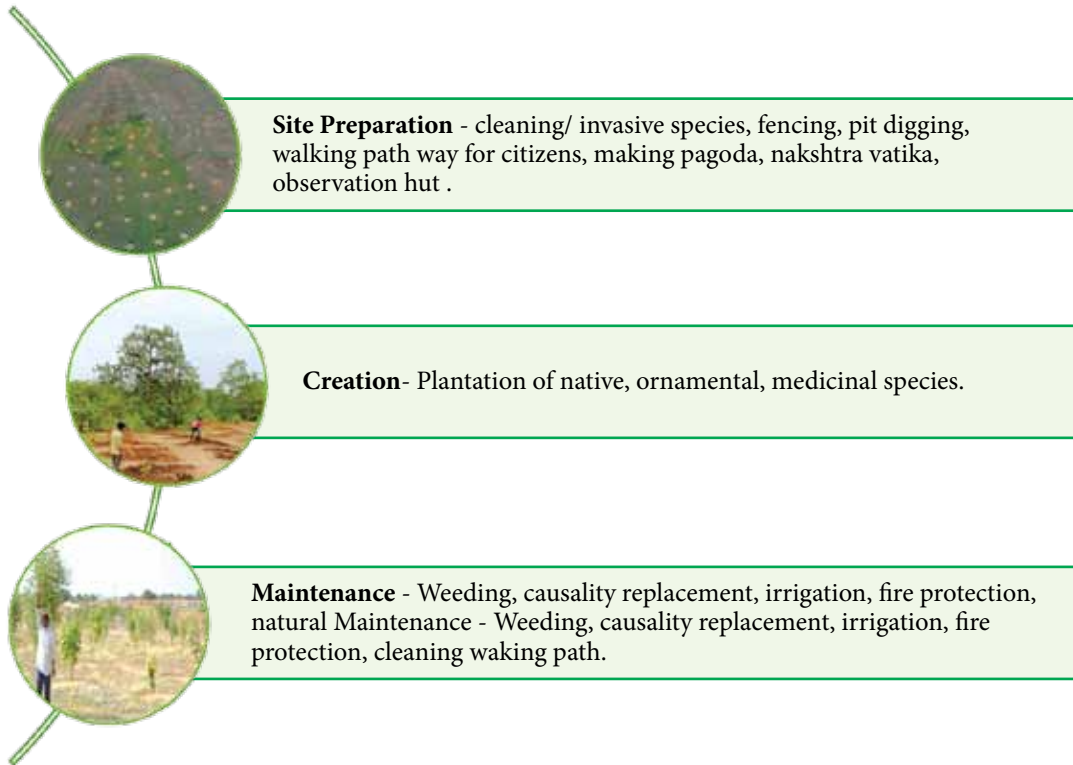




Figure 9 : The operations carried out under Urban and peri-urban areas are-



Total area treated (cumulative achievement) under this submission is 158 ha. against 196 ha. with an expenditure of Rs. 271.29 lakhs. Total physical achievement percent is 80.52 % and financial achievement percent is 70.10 %.



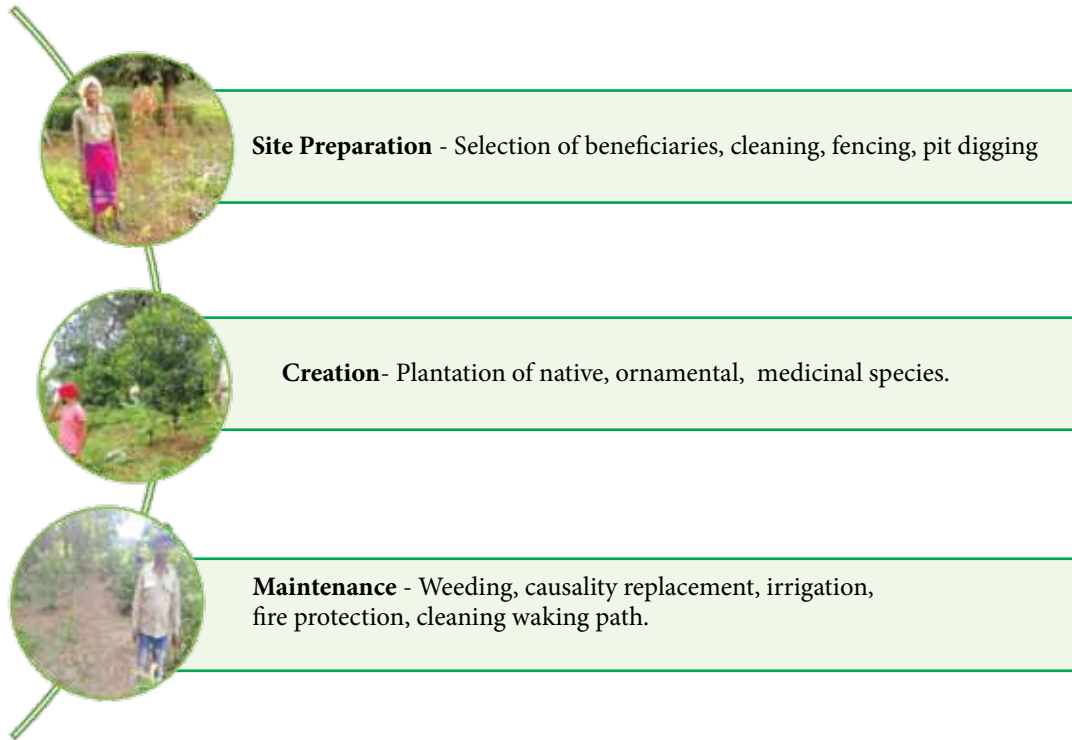
Submission 4(a): Agro-forestry and Social Forestry in Farmer's land including current fallows

The activities carried out in all 18 GIM divisions under this submission.





Figure 10 : The operations carried out under submission 4 (a) are :-




Total area treated (cumulative achievement) under this submission is 1488.10 ha. against 3934ha. with an expenditure of Rs. 273.57 lakhs. Total physical achievement percent is 37.83% and financial achievement percent is 70.10 %.



Submission 4(b): Agro-forestry and Social forestry in Shelterbelt Plantations

The activities carried out in 04 GIM divisions (Dhar, Jhabua, Barwani and Sendhwa) under this submission.



Submission 4 (b)
Agro-forestry and social forestry in Shelterbelt Plantations


Legend
Jhabua GIM Petlawad Govt. HSS Sarangi

23°3'36"N 74°54'10"E

07 Dec 2016

Landscape	Nimar Jhabua Hills
Division	Jhabua
Mili-Watershed	5E2A5s
Range	Petlawad
Compartment/Village	Sarangi
Beat/Panchayat	Sarangi
Scheme	GIM
Project Duration	2019-20 to 2023-24


Submission: 4(b) Agro-forestry and Social forestry in Shelterbelt Plantations



Legend
Jhabua GIM Petlawad Govt. HSS Sarangi

16 Feb 2021

Submission: 4(b) Agro-forestry and Social forestry in Shelterbelt Plantations




23°3'36"N 74°54'10"E

2020

Landscape	Nimar Jhabua Hills
Division	Jhabua
Mili-Watershed	5E2A5s
Range	Petlawad
Compartment/Village	Sarangi
Beat/Panchayat	Sarangi
Scheme	GIM
Project Duration	2019-20 to 2023-24

Submission 4(b): Agro-forestry and Social forestry in Shelterbelt Plantations

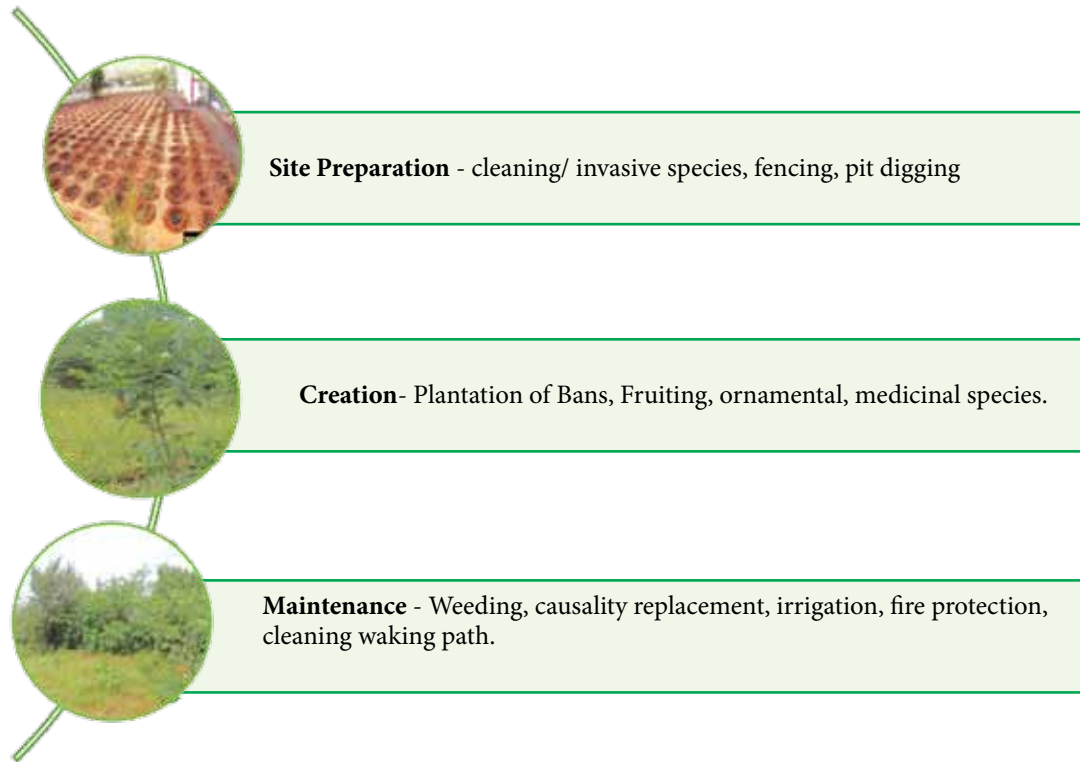
Project Cost	Rupees 4,39,578
Area	3 ha
Planting Year	2019
Plants Planted	3000
Species	Aaonla, Karanj/Kanji, Neem, Others, Shisham, Teak
Survival%	97.67% (as on Oct 2020)



May 2021



Figure 11 : The operations carried out under submission 4 (b) are:-

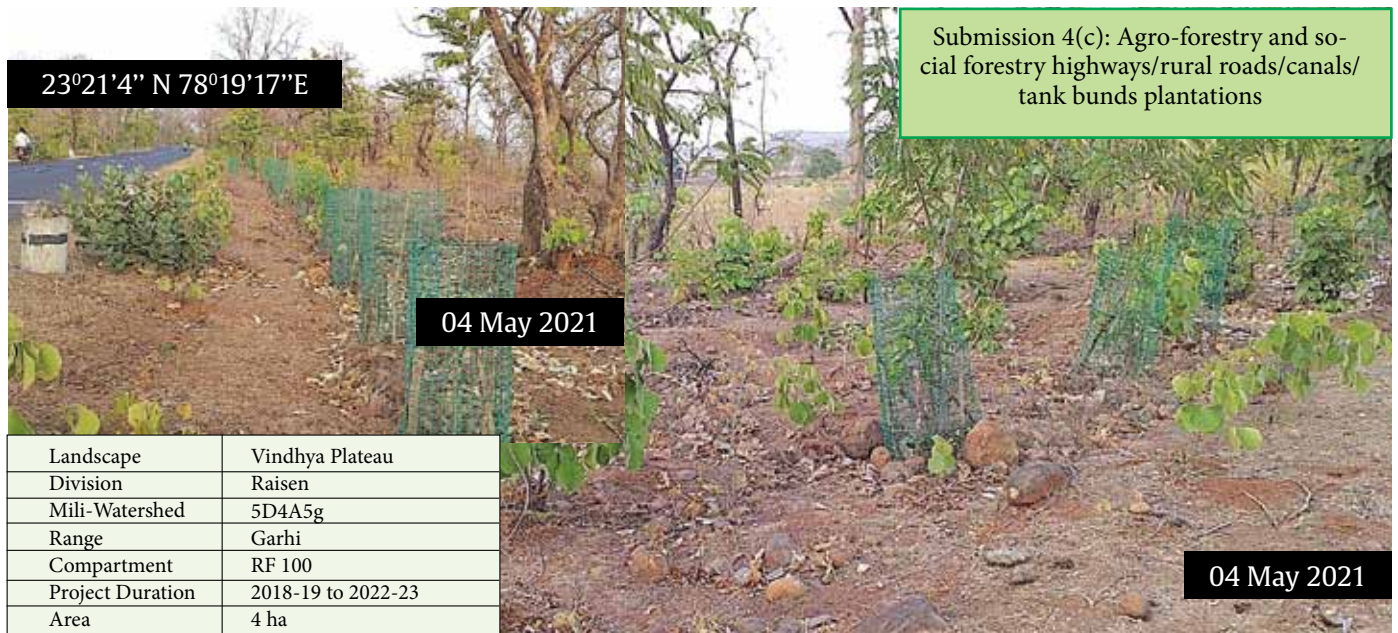


Total area treated (cumulative achievement) under this submission is 29 ha. against 28 ha. with an expenditure of Rs. 34.69 lakhs. Total physical achievement percent is 103.57% and financial achievement percent is 77.28 %.



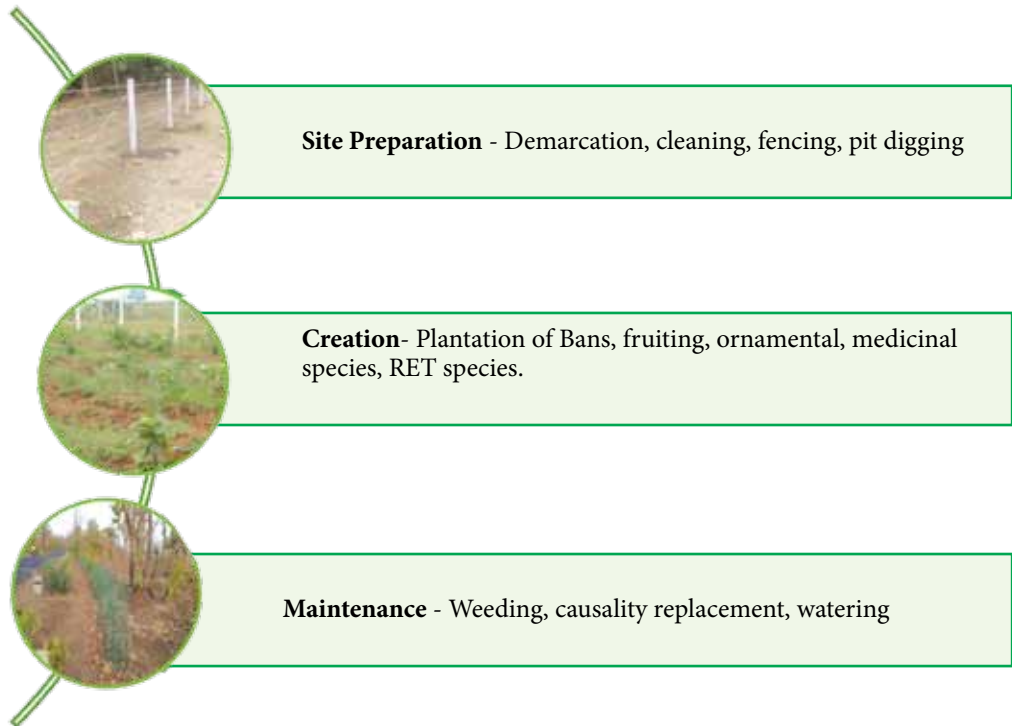
Submission 4(c): Agro-forestry and social forestry highways/rural roads/canals/ tank bunds plantations

The activities carried out in all 18 GIM divisions under this submission.



Landscape	Vindhya Plateau
Division	Raisen
Mili- Watershed	5D4A5g
Range	Garhi
Compartment	RF 100
Project Duration	2018-19 to 2022-23
Area	4 ha

Figure 12 : The operations carried out under submission 4 (c) are -



Total area treated (cumulative achievement) under this submission is 503.11ha. against 883 ha. with an expenditure of Rs. 513.74 lakh. Total physical achievement percent is 56.99% and financial achievement percent is 41.32%.

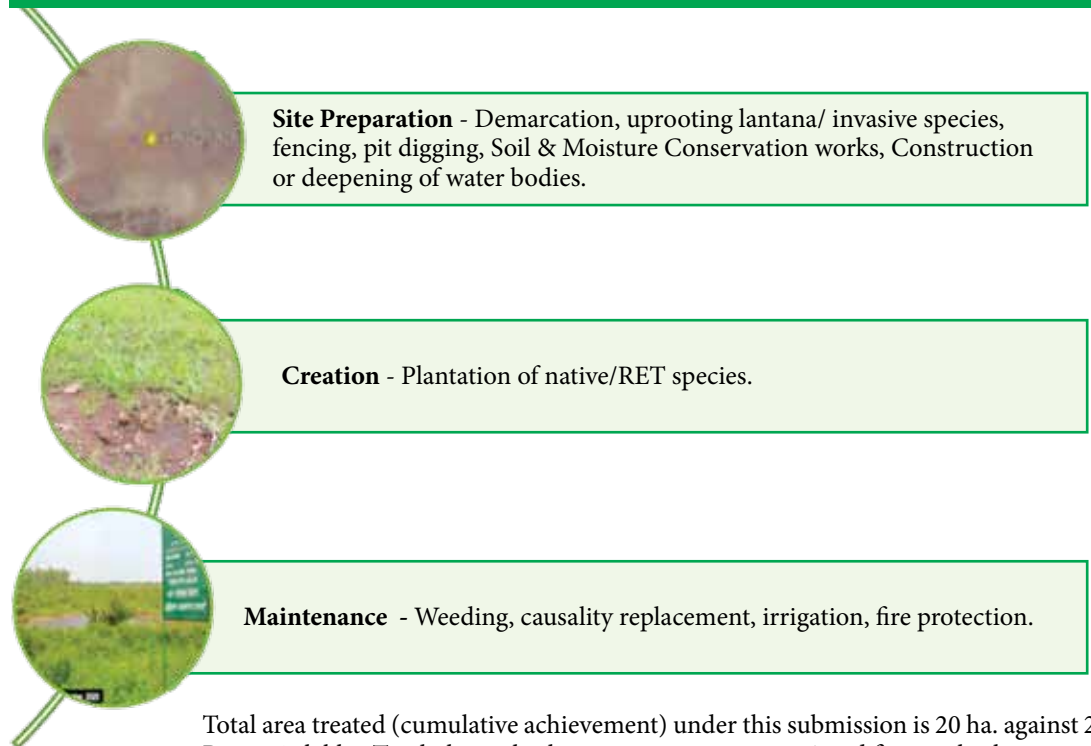


Submission 5: Restoration of Wetlands

The activities carried out in 04 GIM (Sehore, South Sagar, South Seoni & Shivpuri) divisions under this submission.



Figure 13 : The operations carried out under restoration of wetlands are: -



Total area treated (cumulative achievement) under this submission is 20 ha. against 25 ha. with an expenditure of Rs. 13.64 lakhs. Total physical achievement percent is 80% and financial achievement percent is 40.98%.

7.



Submission/ Intervention: Promoting Alternative Fuel Energy

Various alternative fuel energy devices were distributed in 14 GIM (S. Balaghat, W. Betul, N. Betul, Obaidullaganj, Raisen, S. Panna, Sheopur, Hoshangabad, S. Sagar, S. Seoni, Jhabua, Barwani, Sendhwa, Satna) divisions. Division wise progress of alternate fuel devices is given below-



Solar Cooker-Sendhwa, Village Chunnabhati-Sendhwa Division.



Vermi Biodigester (Biogas) Village Sironja-S. Sagar Division.



Pressure Cooker Village Magarda-S.Panna



Biomass-based Cookstove Village Chandan-pura-S. Sagar.

Total cumulative achievement under this submission is 4618 households against 1879 householdswith an expenditure of Rs. 85.84 lakhs. Total physical achievement percent is 56.46% and financial achievement percent is 28.01%.



Table 6 : Division wise Alternative Energy Saving Devices distributed to the beneficiaries

Divisions	Type of Energy Saving Devices						Total
	Solar Cooker	Pressure Cooker	Solar Lanten	Bio-digester/ Community Biogas	Biomass based cook stove	Electric Induction	
Satna	19						19
Umaria							0
South Balaghat	176						176
Hoshangabad				1			1
South Seoni		275					275
North Betul		300	114			300	600
West Betul		375					489
Raisen	140						140
Obaidullaganj		485				483	968
Sehore							0
Dhar							0
Jhabua		123					123
Barwani		493					493
Sendhwa	68						68
South Sagar			30	17	333	112	492
South Panna		600					600
Sheopur		174					174
Shivpuri							0
Total	403	2,825	144	18	333	895	4,618

BOX-3

Promoting Alternative Fuel Energy



Mrs. Shivwati Dhurvey, from village Mudha, Range Shanpur, North Betul division was cooking food on traditional fuel wood chullha for her family. she required around 30-40 bundles of fuel wood every month. Besides fuel wood she was using LPG gas cook stove as well, for which the cylinder was refilled twice a year.

She is very glad after receiving Electric Induction and its utensils with electric connection for the same under GIM.

Shivwati expresses her happiness saying *“mere priwar ka 100 rupye bijli ke bill me he pore mhine ka khana bn jata hai aur bartn saf kerne me bhi phle se kum smy lgta hai”*

This saved her lot of time and energy spent on fuel wood collection, cleaning of pots-pans and also relieved from the smoke.

8.



Success Stories Component B- For Support Activities

8.1 Research

Research Projects on Biodiversity Assessment, Surveys, Ecosystem service valuation etc. are the research activities carried out by Barwani, Shivpuri, Dhar, Satna divisions and IIFM, MPSBB and PPSU. Total financial achievement is 202.62 lakhs (80.10%) against 252.96 lakhs.



Research Project	Developing Monitoring Framework for Hydrological Services of GIM Landscape
Landscape Selected	Dhar, Sehore, S. Balaghat, Satna
Duration	April, 2019 to April 2021
Agency	IIFM, Bhopal
Project Cost in lakh Rs.	20.00



Fig. 2. Location map of targeted Division and MW-watersheds for study

Research Project	High Density Plantation
Beat/Range/Division	Sironja/Sagar/South Sagar
Compartment No./Ara in ha.	RF 734,96 ha.
Species	Neem, Seesam
Year of plantation	2019

8.2 Publicity/Media/outreach activities

Display Boards, Flyers, Flex, display stands, Press Release etc. was carried out for publicity of GIM activities in all 18 divisions including GIM head office. Total financial achievement is 43.66 lakhs (72.75%) against 60.11 lakhs.



Display Boards at Plantation Sites



Publicity Slogans Village Tawadi-W. Betul Division



Flyer for Livelihood activity



8.3 Strengthening local-level Institutions

Capacity Building/ Awareness generation/ Exposure Visits were carried out in all 18 divisions Rs. 54.85 (18.23%) lakhs financial target was achieved against Rs. 300.81 lakh.

Strengthening Local-Level Institutions



Type of activity	Exposure Visit-Betul, Hoshangabad
Participants	JFMC Members-98, FD Staff-15
Place	Ralegan Siddhi, Hivere Bazar, Maharashtra
Best Practices Showcase	<ul style="list-style-type: none"> ● Meeting with Shri. Anna Hazare (Motivation Speak-Liquor & Tobacco rehabilitation) ● Organic Farming/Community Managed rainwater harvesting & water conservation

Type of activity	Exposure Visit-Betul, Hoshangabad, Sehore
Participants	JFMC Members-222, FD Staff-58
Place	Dundishikhar, Chhindwara, BCRLI Project MPFD
Best Practices Showcase	<ul style="list-style-type: none"> ● Forest Management by local Communities. ● Landscape Planning by locals. ● Livelihood Opportunities for local communities.



8.4 Strengthening FDs

Various capacity building/ training was organised to build the capacities of forest department staff. Forest department officials including front line foresters from all 18 divisions participated in various capacity building activities.

Capacity Building-Training on Carbon Measurement Techniques



FSI Dehradun
30th January to 1st February 2019



GIS Training Manual



GIS Classroom Training

Sl. No.	Designation	Number of Participants
1	Addl. Principal Chief Conservator of Forest	1
2	Chief Conservator of Forest	1
3	Divisional Forest Officer's	6
4	Sub Divisional Officer's	17
5	Range Officer's	19
Total		44



GIS Training-Jhabua



8.5 Livelihood Improvement Activities

Skill development/trainings for livelihood was carried out for the rural community of GIM landscapes. Various type of skill enhancement training program was organized for the rural youth which resulted in increased income. Total 4027 persons trained / developed skills out of which 3479 persons were employed either by self-employment or getting a job. An expenditure of Rs. 378.16 (24.23%) lakhs were done against the financial target of Rs. 1560.80 lakh.

Under forestry-based livelihood activities 1567 persons were provided with different livelihood activities by enhancing their skills.

Table 7 : Forest Based Livelihood Improvement Activities

Sl. No.	Livelihood/Skill Development activities	Expenditure in Rs.	No. of Persons trained	No. of Persons Employed	Divisions
1	Mahua collection using nets	18,90,957	626	626	Hoshangabad, Satna, Sehore, N. Betul, W. Betul
2	Bee Keeping & Honey Collection	10,79,400	248	248	Hoshangabad, Umaria, S. Panna, Sheopur, Shivpuri
3	Vermicompost	40,31,357	410	410	N. Betul, Hoshangabad, Raisedn, S. Balaghat, Satna, Umaria, S. Panna, Shivpuri, Sehore
4	Agarbatti Making	13,22,281	65	65	Satna, Sheopur
5	Bamboo crafts	7,00,000	60	60	Satna
6	Mushroom cultivation	75,000	108	108	Hoshangabad, Umaria, West Betul
7	Herbal colour making	72,281	30	30	Sheopur
8	Lac article making	2,00,000	20	20	S. Balaghat
	Total	93,71,276	1,567	1,567	



Component B: Livelihood Improvement Activities Skill Development-Mushroom Cultivation



Persons Trained	108
Project Cost	Rs. 75000/-
Person Employed	108
Employment Type	Self Employment
Average Income	Rs. 20000-25000/- per Crop (100bages)

Component B: Livelihood Improvement Activities Skill Development-Lac Article Making



Persons Trained	20
Project Cost	Rs. 2,00,000/-
Person Employed	20
Employment Type	Self Employment
Average Income	Rs. 1500-2000/- per month

The diversified livelihood activities were planned as per the need of the rural youth. A need assessment was carried out and rural youth were mobilized to participate in the skill development activities. The trainings were provided by NHDC partner NGOs and post training assessment was made by NSQF accredited agencies. Total 2,460 persons were trained in different trades with an objective that the rural youth to generate income for their livelihood. Out of 2460 persons 1912 persons were employed.



Table 8 : Diversified Livelihood Improvement Activities (Non forest based)

Sl. No.	Livelihood/Skill Development activities	Expenditure in Rs.	No. of Person trained	No. of Person Employed	Divisions
1	Sewing & Tailoring	17,71,752	1018	1018	N. Betul, W. Betul, Hoshangabad, Jhabua, Obaidullaganj, Raisen, Sendhwa, S. Balaghat, Umaria, S. Panna, S. Sagar, Sehore, S. Seoni
2	Computer	4,02,600	151	135	N. Betul, W. Betul, Hoshangabad, Jhabua, Raisen, Sendhwa
3	Dona Pattal making (Paper)	4,68,700	68	62	S. Sagar, Sehore
4	Sanitary Napkin making	2,74,843	12	12	N. Betul
5	Pisi-culture (fish farming)	1,00,000	201	201	S. Seoni, Satna, Sehore, N. Betul, W. Betul
6	Poultry	9,000	117	57	Hoshangabad, S. Seoni, Umaria, Sehore
7	Light motor vehicle driving	6,77,600	77	77	Jhabua, Sehore, N. Betul, Barwani
8	Security Guard (Unarmed)	17,65,000	208	188	N. Betul, Sehore, Barwani, Sendhwa
9	Electrician & motor winding (Assistant Electrician)	10,20,000	102	89	N. Betul, W. Betul, Hoshangabad, Barwani, S. Balaghat
10	Other Skill development activities (Beauty Parlour/ Soft toy making/ Embroidery/ Soap making/ Mason training)	4,84,155	506	73	Dhar, S. Panna
	Total	69,73,650	2,460	1,912	
	Grand Total (Forest based + Diversified Livelihood)	1,63,44,926	4,027	3,479	



BOX-4

Livelihood initiatives of GIM helps SHGs emerge as key player during Covid19 lockdown



Under GIM skill development activity 1018 women trained for stitching and tailoring from 4 landscapes and 10 forest divisions, initiated the making of cotton masks during COVID-19 first county wide lockdown. The support and motivation of forest department field staff has encouraged them to come forward in this crucial situation and join hands to meet the demand of cotton face masks not only at local level but also ensures supply to other forest divisions (staff working in the field, labour working for plantation work, villagers going for Mahua collection and Chowkidars going for forest protection work) and other government functionaries.

The mask making activity was taken up by the women entrepreneurs very enthusiastically. Total investments in the raw material was approximately Rs.13,83,012 considering an average production of 2,03,765 masks. The cost of making one mask varied from one division to another because of the raw material cost varied from place to place which resulted into various manufacturing costs from INR 7 to 17. The sale proceeds earned was Rs. 6,47,024. The economic livelihood benefit to one-woman entrepreneur came up to an average income of Rs. 2,742 in 20-25 days' time.

The approach was unique in itself as the involvement of the SHG members in the process was not just a token but there was active participation in the whole process of making masks. This is more creditable as they had other commitments like household work and other forest-based livelihood activities like Mahua collection. Some women just worked for a short period to earn some cash for the family needs. This is a positive indicator of women empowerment as they have started planning for things beyond just the basic minimum need of a household.

The form of direct income support provides short-term relief to mitigate acute financial strains and stimulates consumption during an economic downturn to the lower income households.



Component B-Livelihood Improvement Activities Skill Development-Sewing & Tailoring



National Skill Qualification Framework (NSQF Course)	Apparel made-up and home furnishing sector AMH/Q0301
Persons Trained	1018
Project Cost	Rs. 17,71,752
Person Employed	1018
Employment Type	Self Employment and Jobs
Average Income	Rs. 3000-4000/- per month
Placement	18, Shahi Export Pvt Ltd, Bengaluru Salary-9000/- per month (west Betul and South Seoni)



9.



GIM Results Framework: Benchmarking

Table 9 : GIM Implementation Guidelines-Results Framework based progress in the state

(Progress as on 31th March 2021)

Sl. No.	Expected Results	Indicator	Data Source/ Method	Progress
1	Forest/tree cover on forest/non-forest lands is enhanced	% area with forest cover	Forest survey Remote sensing and ground trothing	196 KML files out of 240 plantations, sites covering an area of 15,407.63 ha. upload- ed in Plantation Monitoring portal.
		% area in various density class		
2	Quality of Forest Cover and Ecosystem Services of Forest/ Non-Forest is Improved			
	a. Moderately dense (1.5 mha.)	a1. % of forest natu- rally regenerated	Data from permanent plots	Survey for 192 sites done as per MPFD guideline. Forest Naturally regenerated- 9748 ha. Mission achievement - 6.82 % APO Cu- mulative achievement - 71.34%
		a2. Shannon Weiner Index	Data from permanent plots	H= 3.048 to 3.287 Range- Unchera Division- Satna
		a3. Carbon Seques- tered	Data from permanent plots	Estimated Carbon Seq 77.71 t/ha. (FSI, report, 2019)
		a4. Above ground biomass	Data from permanent plots	Carbon measurement training by FSI & ICFRE to 18 GIM divisions. More than 100 field officers/staff trained.
	b. Open Forest (3.0 mha.)	b1. % of forest natu- rally regenerated	Data from permanent plots	6,450 ha. (6.92 %) naturally regenerated (against mission target 93,124ha.) 6,450 ha. (94.05 %) naturally regenerated (against last 3 years target 6,858 ha.)
		b2. Shannon Weiner Index	Data from permanent plots	
		b3. Carbon Seques- tered	Data from permanent plots	
		b4. Above ground biomass	Data from permanent plots	
	c. Degraded grassland (0.40 mha.)	c. Biomass	Data from permanent plots	
	d. Wetlands (0.10 mha)	d. % Wetland Area Achieved	Data from permanent plots	Survey for 04 sites done as per MPFD guideline. Wetland area achieved- 20 ha. Mission achievement – 3.83 % APO Cumulative achievement – 56.99 %



Sl. No.	Expected Results	Indicator	Data Source/ Method	Progress
3	Ecosystem are restored and forest cover is increased in			
	a. Scrubs (0.8 mha.)	a. % of area that is adequately stocked/ Productive	Data from permanent plots	
	b. Ravines (0.10 mha.)	b. % of area reclaimed		
	c. Abandoned mining areas	c. % of area reclaimed		Survey for 03 sites done as per MPFD guideline. Area reclaimed- 33 ha. Mission achievement - 5.64% APO Cumulative achievement- 59.46%
4	Public Forest/ Non-Forest Areas (taken up under the mission) are managed by the community institutions	% of area under the management of community institutions	Village survey/survey of the forest area (PRA/RRA)	110 micro-plan prepared conducting PRA. Area under management of community institutions - Urban /Peri-urban- 158 ha. Mission achievement - 42.02 % APO Cumulative achievement- 80.52% Agroforestry- 1488.10 ha. Mission achievement - 4.03 % APO Cumulative achievement - 37.83% Shelterbelts- 29 ha. Mission achievement – 8.45 % APO Cumulative achievement- 103.57% Highways/rural roads- 503.11 ha. Mission achievement – 3.83 % APO Cumulative achievement- 56.99%
5	Improved fuelwood used efficiency and alternate energy devices adopted by the households in Mission targeted areas	% of HH reporting use of alternative energy devices	Sample HH Survey (n=6037)	76.49% (4618 HH) reported use of alternative energy devices
% of HH reporting using fuel efficient devices		Sample HH Survey	57.13% (2673 HH) using fuel wood efficient devices	
6	Forest/non-forest-based livelihoods income for 3 million forest dependent households is enhanced in MTA	No. of targeted households (HH) reporting at least 25% increase in real income	Sample HH Survey in the targeted area and estimation	Livelihood Skill Enhancement of 4027 (66.70%) households. Forestry –1567 (25.95%) Non-Forestry -2460 (40.75%) 3479 (86.39%) HH reported increased in real income.
7	Forest/non-forest-based livelihoods of about 3 million households living in and around forest are diversified	% of HH reporting diversification of income source	Sample HH Survey	3479 (86%) beneficiaries reported diversified source of income
		% of HH reporting increase in number of days of employment in Primary occupation	Sample HH Survey	HH Increase in number of days - 50.76% (average 50 days per HH/yr) 4,42,000 man-days employment generated (wage labour) under treated area.



Skill Development Initiatives...



Vermicompost



Sewing and Tailoring



Data Entry Operator



Automobile Repair



Sanitary Pad Making



Annexure I : Division wise survival percentage under different submissions

S. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
1	Balaghat	Balaghat South	Waraseoni	105338	480 RF	2019	100	20000
2	Balaghat	Balaghat South	Katangi	105343	567 RF	2019	111	22200
3	Balaghat	Balaghat South	Waraseoni	105337	481 RF	2019	150	36000
4	Balaghat	Balaghat South	Katangi	105342	570 RF	2019	210	42000
5	Balaghat	Balaghat South	Katangi	105344	756 PF	2019	65	19500
6	Balaghat	Balaghat South	Waraseoni	105350	483 RF	2019	79	23700
7	Balaghat	Balaghat South	Waraseoni	105351	834 PF	2019	2	2000
8	Balaghat	Balaghat South	Katangi	105345	763 PF	2019	6	3750
9	Balaghat	Balaghat South	Waraseoni	105352	824 PF	2019	6	3750
10	Balaghat	Balaghat South	Katangi	0	Kanhadgaon, Bhandarev, Ambjheri	2019	2	2000
11	Balaghat	Balaghat South	Katangi	0	Jamunia, Dhimrureeth, Jadkharid	2019	2	2000
12	Balaghat	Balaghat South	Waraseoni	0	Tekadi, Chirchira, Nandgoan, Nagjhar	2019	40	40000
13	Balaghat	Balaghat South	Katangi	105349	Kanhadgaon	2019	7	2100
14	Balaghat	Balaghat South	Waraseoni	105353	Tekadi (Bh)	2019	10	3000
15	Balaghat	Balaghat South	Waraseoni	109111	480 RF	2020	25	5000
16	Balaghat	Balaghat South	Waraseoni	109113	493 RF	2020	50	10000
17	Balaghat	Balaghat South	Katangi	109038	579 RF	2020	117	23500
18	Balaghat	Balaghat South	Katangi	109036	571 RF	2020	150	30000
19	Balaghat	Balaghat South	Waraseoni	109112	492 RF	2020	200	40000
20	Balaghat	Balaghat South	Waraseoni	109115	489B RF	2020	21	6300
21	Balaghat	Balaghat South	Katangi	109039	563A RF	2020	40	12000
22	Balaghat	Balaghat South	Waraseoni	109114	483 RF	2020	60	18000
23	Balaghat	Balaghat South	Waraseoni	109116	834 PF	2020	1	1000
24	Balaghat	Balaghat South	Waraseoni	109117	834 PF	2020	16	16000
25	Balaghat	Balaghat South	Waraseoni	0	824 PF	2020	6	3750
26	Balaghat	Balaghat South	Katangi	0	Katangi, Tekadi, Chikmara, Choukhandi	2020	1	1000
27	Balaghat	Balaghat South	Katangi	0	Nandgoan, Sirpur, Nagjhar	2020	1	1000
28	Balaghat	Balaghat South	Katangi	0	Amjheri, Kudwa, Heti, Goreghat	2020	2	2000
29	Betul	Betul North	Shahpur	105303	183 RF	2019	335	67000
30	Betul	Betul North	Shahpur	108673	192 RF	2020	316	45000
31	Betul	Betul West	Mohda	105477	1487 PF	2019	577	77500
32	Betul	Betul West	Chicholi	108727	1425 PF	2020	579	105000
33	Bhopal	Obaidullahganj	Bineka	106285	435 RF	2019	119	16000
34	Bhopal	Obaidullahganj	Chiklod	106328	325 RF	2019	147	19500
35	Bhopal	Obaidullahganj	Chilwaha	106323	436 RF	2019	160	10000
36	Bhopal	Obaidullahganj	Bineka	106313	437 RF	2019	254	46600
37	Bhopal	Obaidullahganj	Bineka	106377	435 RF	2019	26	5000



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	100.00	92.20	97.00	96.50
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	90.00	88.09	82.70	
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	100.00	99.10	99.43	98.13
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	92.00	91.44	80.78	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	86.10	86.10	97.17	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	100.00	99.79	95.00	96.79
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited root stocks and open blanks	100.00	76.50	100.00	98.00
Sub Mission 3(a) Plantation in Urban & peri urban areas	94.99	94.99	94.56	
Sub Mission 3(a) Plantation in Urban & peri urban areas	99.47	98.85	98.99	98.40
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	49.40
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	48.25
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	6.50
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads / Canals/Tank Bunds	66.19	62.86	69.00	
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads / Canals/Tank Bunds	100.00	90.00	98.67	97.53
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			100.00	97.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			100.00	98.05
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.59	
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.86	
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			100.00	96.66
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			100.00	98.87
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			96.70	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			100.00	96.61
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			100.00	98.40
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			100.00	98.28
Sub Mission 3(a) Plantation in Urban & peri urban areas			100.00	100.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	95.40	94.00	94.00	85.35
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			98.78	81.28
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	80.00	90.00	90.97	87.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			77.62	69.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	82.31	75.69	90.60	77.29
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	95.59	79.22	93.14	92.89
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	93.81	86.00	90.91	86.79
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	94.49	86.77	93.39	76.19
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	87.00	85.80	91.40	82.60



Annexure I- Division wise survival percentage under different submissions

Sl. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
38	Bhopal	Obaidullahganj	Bineka	106376	435 RF	2019	41	6000
39	Bhopal	Obaidullahganj	Chiklod	106334	325 RF	2019	113	13885
40	Bhopal	Obaidullahganj	Chiklod	106332	325 RF	2019	49	49000
41	Bhopal	Obaidullahganj	Chiklod	106336	325 RF	2019	9	3600
42	Bhopal	Obaidullahganj	Chilwaha	108629	430 RF	2020	100	14000
43	Bhopal	Obaidullahganj	Sultanpur	108628	491 RF	2020	100	14000
44	Bhopal	Obaidullahganj	Goharganj	108486	324 RF	2020	127	20400
45	Bhopal	Obaidullahganj	Goharganj	108488	838 PF	2020	130	46000
46	Bhopal	Obaidullahganj	Goharganj	108487	318 RF	2020	215	35800
47	Bhopal	Obaidullahganj	Goharganj	108485	836 PF	2020	52	10340
48	Bhopal	Obaidullahganj	Goharganj	108484	835 PF	2020	109	19300
49	Bhopal	Obaidullahganj	Goharganj	108483	831 PF	2020	79	26600
50	Bhopal	Obaidullahganj	Chilwaha	108630	433 RF	2020	42	26500
51	Bhopal	Obaidullahganj	Bineka	0	728 PF	2020	9	0
52	Bhopal	Obaidullahganj	Goharganj	0	Nandora, Sehora, Panjra, Karagwani	2020	40.6	4060
53	Bhopal	Obaidullahganj	Bineka	0	Bineka, Jait	2020	60	6000
54	Bhopal	Obaidullahganj	Goharganj	0	NH-12 Amoda to Bineka	2020	30	3000
55	Bhopal	Raisen	Garhi	0	100 RF	2019	60	0
56	Bhopal	Raisen	Begumganj	107103	85 RF	2019	70	25000
57	Bhopal	Raisen	West Silwani	108235	178 RF	2019	70	22000
58	Bhopal	Raisen	West Silwani	108236	179 RF	2019	80	13200
59	Bhopal	Raisen	Garhi	0	104 RF	2019	120	0
60	Bhopal	Raisen	West Silwani	0	576 PF	2019	141	0
61	Bhopal	Raisen	Begumganj	107105	84 RF	2019	30	2780
62	Bhopal	Raisen	Garhi	07800	98 RF	2019	39	19000
63	Bhopal	Raisen	Begumganj	107107	84 RF	2019	30	5000
64	Bhopal	Raisen	Garhi	0	98 RF	2019	30	0
65	Bhopal	Raisen	West Silwani	107185	118 RF	2019	42	32000
66	Bhopal	Raisen	Garhi	107804	104 RF	2019	3	3000
67	Bhopal	Raisen	West Silwani	107187	118 RF	2019	5	5000
68	Bhopal	Raisen	West Silwani	107188	612 PF	2019	5	5000
69	Bhopal	Raisen	Garhi	107803	104 RF	2019	10	10000
70	Bhopal	Raisen	Garhi	0	Bavgargh, Panjhirpa, Suagarh	2019	5	1000
71	Bhopal	Raisen	West Silwani	0	Singhpuri, Patn, Gadarwara, Sahajpuri	2019	20	7775
72	Bhopal	Raisen	Garhi	0	100 RF	2019	4	1075
73	Bhopal	Raisen	Garhi	0	98 RF	2019	4	1075



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	98.17	61.59	84.97	84.42
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	95.61	84.39	91.75	88.41
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	95.77	89.62	92.27	90.93
Sub Mission 1(c) Restoration of grasslands	87.67	82.50	68.44	68.67
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			94.00	90.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation		100.00	93.57	93.55
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			95.63	75.66
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			97.53	79.97
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			95.32	77.32
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			97.06	78.87
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			93.95	80.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			95.79	80.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			95.00	83.00
Sub Mission 1(c) Restoration of grasslands	0.00	0.00	0.00	0.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			90.00	87.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			95.00	85.00
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	72.65	81.16	77.91	75.12
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	95.45	90.91	90.91	49.09
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	98.48	94.70	94.70	52.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	93.56	88.20	83.87	79.78
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	89.42	79.00	95.16	79.81
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	95.28	90.10	85.22	81.36
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	94.38	77.81	75.97	75.31
Sub Mission 2(f) Restoration of abandoned mining area	93.43	85.87	97.67	93.70
Sub Mission 3(a) Plantation in Urban & peri urban areas	93.00	75.20	68.80	67.20
Sub Mission 3(a) Plantation in Urban & peri urban areas	93.00	85.00	85.00	81.82
Sub Mission 3(a) Plantation in Urban & peri urban areas	93.23	80.78	94.70	89.65
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				



Annexure I- Division wise survival percentage under different submissions

Sl. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
74	Bhopal	Raisen	Begumganj	0	84 RF	2019	8	2000
75	Bhopal	Raisen	West Silwani	0	Patna to Kota	2019	8	2000
76	Bhopal	Raisen	Garhi	0	114 RF	2020	57	0
77	Bhopal	Raisen	West Silwani	108855	134 RF	2020	60	20000
78	Bhopal	Raisen	Garhi	0	18 RF	2020	70	0
79	Bhopal	Raisen	West Silwani	108856	136 RF	2020	80	50000
80	Bhopal	Raisen	West Silwani	108857	130 RF	2020	110	40000
81	Bhopal	Raisen	East Silwani	0	574 PF	2020	150	0
82	Bhopal	Raisen	Garhi 1	09309	111 RF	2020	26	2000
83	Bhopal	Raisen	West Silwani	108853	121 RF	2020	40	15000
84	Bhopal	Raisen	Garhi	109312	107 PF	2020	3	3000
85	Bhopal	Raisen	Garhi	109311	107 PF	2020	2	2000
86	Bhopal	Raisen	Garhi	109310	107 PF	2020	1	625
87	Bhopal	Raisen	Garhi	0	Gairatganj to rampur	2020	10	3400
88	Bhopal	Raisen	West Silwani	108854	Jamunia to Silwani	2020	12	3000
89	Bhopal	Sehore	Budhni	106559	641 PF	2019	60	12000
90	Bhopal	Sehore	Budhni	106561	658 RF	2019	60	12000
91	Bhopal	Sehore	Budhni	106565	659 RF	2019	60	12091
92	Bhopal	Sehore	Budhni	106562	642 PF	2019	62	12400
93	Bhopal	Sehore	Budhni	106563	638 PF	2019	36	7200
94	Bhopal	Sehore	Budhni	106564	638 PF	2019	5	1000
95	Bhopal	Sehore	Budhni	108718	655 RF	2020	235	23500
96	Bhopal	Sehore	Budhni	108720	637 PF	2020	35	7000
97	Bhopal	Sehore	Budhni	108721	637 PF	2020	9	1800
98	Bhopal	Sehore	Budhni	108723	Joshiapur	2020	10	1000
99	Bhopal	Sehore	Budhni	108722	637 PF	2020	4	800
100	Chhatarpur	South Panna	Mohandra	0	1234 PF	2019	29	0
101	Chhatarpur	South Panna	Kalda	0	887 PF	2019	30	0
102	Chhatarpur	South Panna	Kalda	107259	873 PF	2019	150	30000
103	Chhatarpur	South Panna	Mohandra	105330	1234 PF	2019	153	30600
104	Chhatarpur	South Panna	Kalda	107189	874 PF	2019	100	40000
105	Chhatarpur	South Panna	Mohandra	105326	1234 PF	2019	114	45600
106	Chhatarpur	South Panna	Mohandra	105327	1234 PF	2019	59	59000
107	Chhatarpur	South Panna	Saleha	107463	787 PF	2019	60	57000
108	Chhatarpur	South Panna	Kalda	107260	874 PF	2019	56	22400
109	Chhatarpur	South Panna	Mohandra	105328	1235 PF	2019	56	22400
110	Chhatarpur	South Panna	Mohandra	108637	1234 PF	2019	6	3750
111	Chhatarpur	South Panna	Kalda	0	Jalhali, Dharmampura, Khanderaja, Pipariya, Aamajhol, Amrai,			



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			75.00	72.50
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.00	72.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.25	56.50
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			98.00	96.25
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			95.89	80.70
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			97.80	77.50
Sub Mission 2(f) Restoration of abandoned mining area			98.10	87.40
Sub Mission 3(a) Plantation in Urban & peri urban areas			96.64	74.56
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals /Tank Bunds				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals /Tank Bunds			72.90	69.93
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	84.80	73.55	90.55	69.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	83.05	69.79	84.97	64.10
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	87.57	72.14	92.87	72.99
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	84.60	72.39	90.07	70.99
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	85.92	65.99	93.72	75.21
Sub Mission 5 Restoration of wetlands	84.00	77.60	85.50	70.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			97.66	78.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			96.11	78.71
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			97.11	80.00
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			100.00	80.10
Sub Mission 5 Restoration of wetlands			95.50	76.12
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	97.70	95.98	96.20	95.35
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	99.80	89.97	97.00	94.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	99.59	98.09	96.62	97.69
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	98.01	90.01	95.00	93.01
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largy open areas with sparse undergrowth	95.07	89.00	94.00	92.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largy open areas with sparse undergrowth	96.00	93.87	93.36	
Sub Mission 1(c) Restoration of grasslands	98.82	96.92	96.58	95.85
Sub Mission 1(c) Restoration of grasslands	98.53	89.38	98.00	34.35
Sub Mission 2(f) Restoration of abandoned mining area			97.01	95.01



Annexure I- Division wise survival percentage under different submissions

Sl. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
					Khamariya, Dharteha, Kalda	2019	52	20000
112	Chhatarpur	South Panna	Mohandra	0	Dumaiya, Kothi, Hardua	2019	80	5960
113	Chhatarpur	South Panna	Kalda	107267	889 PF	2019	17	10000
114	Chhatarpur	South Panna	Mohandra	107622	1244 PF	2019	17	10000
115	Chhatarpur	South Panna	Kalda	0	892 PF	2020	57	0
116	Chhatarpur	South Panna	Mohandra	108634	1263 PF	2020	294	58800
117	Chhatarpur	South Panna	Kalda	108686	891 PF	2020	100	40000
118	Chhatarpur	South Panna	Mohandra	108635	1264 PF	2020	110	44000
119	Chhatarpur	South Panna	Mohandra	108636	1265 PF	2020	111	111000
120	Chhatarpur	South Panna	Mohandra	0	1264 PF	2020	108	0
121	Chhatarpur	South Panna	Mohandra	0	Kothi, Hardua, Majhagawan, Tikuri	2020	60	11950
122	Chhatarpur	South Panna	Kalda	0	Jalhali, Dharampura, Moheli, Kalda	2020	65	13000
123	Gwalior	Sheopur	Sheopur	106786	112 RF	2019	66	1000
124	Gwalior	Sheopur	Sheopur	107069	142 RF	2019	39	2000
125	Gwalior	Sheopur	Sheopur	107220	94 PF	2019	51	2000
126	Gwalior	Sheopur	Sheopur	107219	94 PF	2019	53	1500
127	Gwalior	Sheopur	Sheopur	107070	142 RF	2019	54	2000
128	Gwalior	Sheopur	Sheopur	106610	162 RF	2019	73	1500
129	Gwalior	Sheopur	Sheopur	106613	162 RF	2019	104	12000
130	Gwalior	Sheopur	Sheopur	107264	148 RF	2019	35	12000
131	Gwalior	Sheopur	Sheopur	107263	148 RF	2019	39	13000
132	Gwalior	Sheopur	Sheopur	106283	100 RF	2019	48	16000
133	Gwalior	Sheopur	Sheopur	107262	148 RF	2019	57	22000
134	Gwalior	Sheopur	Sheopur	107221	100 RF	2019	19	11500
135	Gwalior	Sheopur	Sheopur	107222	100 RF	2019	80	48000
136	Gwalior	Sheopur	Sheopur	106486	154 RF	2019	45	727
137	Gwalior	Sheopur	Sheopur	107068	154 RF	2019	49	818
138	Gwalior	Sheopur	Sheopur	106483	154 RF	2019	56	909
139	Gwalior	Sheopur	Sheopur	107218	142 RF	2019	69	1273
140	Gwalior	Sheopur	Sheopur	106485	154 RF	2019	70	1364
141	Gwalior	Sheopur	Sheopur	106484	154 RF	2019	80	1455
142	Gwalior	Sheopur	Sheopur	109169	109 RF	2020	1	4140
143	Gwalior	Sheopur	Sheopur	108768	112 RF	2020	66	1000
144	Gwalior	Sheopur	Sheopur	108990	154 RF	2020	39	1000
145	Gwalior	Sheopur	Sheopur	108992	149 RF	2020	69	1200
146	Gwalior	Sheopur	Sheopur	108994	141 RF	2020	70	2000



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals /Tank Bunds	98.00	95.85	96.30	95.35
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals /Tank Bunds	98.00	88.86	91.00	80.90
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			98.00	95.66
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			98.88	98.64
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			97.80	95.96
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			98.10	77.67
Sub Mission 1(c) Restoration of grasslands	0.00	0.00	0.00	0.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	98.20	97.80	99.50	98.70
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	95.00	91.95	98.20	94.20
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	99.30	98.30	98.00	97.10
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	99.60	98.20	98.07	97.13
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	90.00	88.15	98.55	98.50
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	97.00	96.53	99.00	99.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	96.59	96.25	98.17	98.17
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	91.67	91.25	98.60	
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	92.31	91.23	98.15	
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	98.75	98.06	97.99	96.45
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	93.64	92.90	98.02	
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	98.23	97.82	97.50	95.21
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	98.30	98.17	98.00	97.40
Sub Mission 1(c) Restoration of grasslands	97.11	95.32	98.62	98.62
Sub Mission 1(c) Restoration of grasslands	97.07	96.09	98.41	98.41
Sub Mission 1(c) Restoration of grasslands	95.05	93.84	98.02	98.02
Sub Mission 1(c) Restoration of grasslands	95.99	94.58	98.82	96.31
Sub Mission 1(c) Restoration of grasslands	92.67	92.52	98.53	98.53
Sub Mission 1(c) Restoration of grasslands	94.98	93.95	97.94	97.94
Research High Density Plantation			99.42	99.13
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			98.80	97.90
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			98.50	98.50
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			99.17	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			97.35	97.35



Annexure I- Division wise survival percentage under different submissions

Sl. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
147	Gwalior	Sheopur	Sheopur	108991	148 RF	2020	98	1000
148	Gwalior	Sheopur	Sheopur	108993	141 RF	2020	100	1500
149	Gwalior	Sheopur	Sheopur	109168	110 RF	2020	80	26000
150	Gwalior	Sheopur	Sheopur	109128	89 PF	2020	99	34000
151	Gwalior	Sheopur	Sheopur	109046	116 RF	2020	100	40000
152	Gwalior	Sheopur	Sheopur	108995	162 RF	2020	45	1000
153	Gwalior	Sheopur	Sheopur	108996	162 RF	2020	46	1000
154	Gwalior	Sheopur	Sheopur	108998	162 RF	2020	53	1000
155	Gwalior	Sheopur	Sheopur	108997	162 RF	2020	65	1000
156	Gwalior	Sheopur	Sheopur	108999	162 RF	2020	71	1000
157	Gwalior	Sheopur	Sheopur	109000	141 RF	2020	89	1000
158	Hoshangabad	Hoshangabad	Itarsi	106389	156 RF	2019	240	40500
159	Hoshangabad	Hoshangabad	Sukhatawa	106382	75 PF	2019	300	33000
160	Hoshangabad	Hoshangabad	Sukhatawa	0	Kesla & Ojhapura	2019	85	1963
161	Hoshangabad	Hoshangabad	Sukhatawa	109070	47 RF	2019	24	3870
162	Hoshangabad	Hoshangabad	Itarsi	109017	123 PF	2020	120	16145
163	Hoshangabad	Hoshangabad	Itarsi	109021	154 RF	2020	138	17710
164	Hoshangabad	Hoshangabad	Sukhatawa	109060	44 PF	2020	250	10000
165	Hoshangabad	Hoshangabad	Itarsi	109025	132 RF	2020	11	400
166	Hoshangabad	Hoshangabad	Sukhatawa	109064	76 PF	2020	17	3000
167	Hoshangabad	Hoshangabad	Sukhatawa	109063	76 PF	2020	12	5000
168	Hoshangabad	Hoshangabad	Sukhatawa	0	Saheli	2020	1	350
169	Hoshangabad	Hoshangabad	Sukhatawa	109066	47 RF	2020	10	1000
170	Hoshangabad	Hoshangabad	Itarsi	0	Lalpani & Saheli	2020	85	2000
171	Hoshangabad	Hoshangabad	Sukhatawa	109065	60 RF	2020	24	3500
172	Indore	Dhar	Dhamnod	106352	176-177 RF	2019	30	5000
173	Indore	Dhar	Dhamnod	106355	178 RF	2019	31	5000
174	Indore	Dhar	Dhar	106462	157 RF	2019	60	10000
175	Indore	Dhar	Mandu	106668	236 RF	2019	7	6500
176	Indore	Dhar	Mandu	106666	234 RF	2019	64	15000
177	Indore	Dhar	Mandu	106670	313 RF	2019	8	10000
178	Indore	Dhar	Mandu	106669	338 RF	2019	4	4000
179	Indore	Dhar	Dhar	106602	Ward 09	2019	5	500
180	Indore	Dhar	Dhar	108945	158 RF	2020	47	6250
181	Indore	Dhar	Dhamnod	0	178 RF	2020	70	0
182	Indore	Dhar	Mandu	108920	233, 234, 235 RF	2020	63	5000
183	Indore	Dhar	Dhar	0	Dhar	2020	1	625
184	Indore	Dhar	Dhar	0	Sulibadi, Khodan Bujurg	2020	5	1375
185	Indore	Dhar	Mandu	108921	339 RF	2020	3	500
186	Indore	Jhabua	Thandla	107291	124 RF	2019	45	45300
187	Indore	Jhabua	Thandla	0	124 RF	2019	39	0



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			98.50	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			98.00	98.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			99.81	99.39
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			99.80	99.36
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			99.84	96.50
Sub Mission 1(c) Restoration of grasslands			98.10	98.10
Sub Mission 1(c) Restoration of grasslands			97.70	97.70
Sub Mission 1(c) Restoration of grasslands			98.00	98.00
Sub Mission 1(c) Restoration of grasslands			97.00	97.30
Sub Mission 1(c) Restoration of grasslands			97.40	97.40
Sub Mission 1(c) Restoration of grasslands			98.40	98.40
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	94.30	87.05	88.80	86.70
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	84.58	80.12	91.35	90.92
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			88.84	77.31
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			94.72	94.02
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.50	71.71
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			97.98	96.73
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			97.00	95.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			98.30	97.60
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			97.42	96.66
Sub Mission 3(a) Plantation in Urban & peri urban areas			98.00	95.43
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			74.10	69.90
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			96.40	95.71
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	94.60	87.80	76.70	73.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	97.46	91.60	86.22	84.80
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	92.00	86.60	83.20	74.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	98.28	95.98	95.05	88.00
Sub Mission 1(c) Restoration of grasslands	98.93	97.06	96.56	87.50
Sub Mission 3(a) Plantation in Urban & peri urban areas	97.54	70.50	59.50	59.15
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation	99.30	83.25	80.00	79.50
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	95.60	84.00	79.00	72.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			94.59	84.96
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(c) Restoration of grasslands			89.80	85.00
Sub Mission 3(a) Plantation in Urban & peri urban areas				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation			95.00	90.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	97.33	93.19	92.00	92.00
Sub Mission 1(c) Restoration of grasslands	0.00	0.00	0.00	0.00

Annexure I- Division wise survival percentage under different submissions

Sl. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
188	Indore	Jhabua	Thandla	109157	Agral	2019	3	1250
189	Indore	Jhabua	Thandla	109165	123 RF	2019	3	150
190	Indore	Jhabua	Thandla	109160	Machhlai Mata	2019	4	2500
191	Indore	Jhabua	Petlawad	108499	294 RF	2020	24	4800
192	Indore	Jhabua	Petlawad	108498	293 RF	2020	3	600
193	Indore	Jhabua	Petlawad	108497	293 RF	2020	43	17200
194	Indore	Jhabua	Petlawad	108500	294 RF	2020	38	7600
195	Indore	Jhabua	Petlawad	109153	Sarangi	2020	1	360
196	Indore	Jhabua	Petlawad	109155	Sarangi	2020	4	4840
197	Indore	Jhabua	Petlawad	108496	221 RF	2020	18	5850
198	Khandwa	Barwani	Pati	108457	102 RF	2019	11	30
199	Khandwa	Barwani	Bokrata	0	269 RF	2019	28	10000
200	Khandwa	Barwani	Pati	0	102 RF	2019	28	10000
201	Khandwa	Barwani	Pati	0	Nalti	2019	11	0
202	Khandwa	Barwani	Bokrata	0	269 RF	2019	11	1250
203	Khandwa	Barwani	Pati	106863	102 RF	2019	67	1250
204	Khandwa	Barwani	Bokrata	0	274 RF	2019	6	1000
205	Khandwa	Barwani	Pati	108459	102 RF	2019	6	1000
206	Khandwa	Barwani	Bokrata	107136	269 RF	2019	68	1000
207	Khandwa	Barwani	Pati	0	101 RF	2020	2	0
208	Khandwa	Barwani	Bokrata	0	270 RF	2020	12	0
209	Khandwa	Barwani	Pati	109449	101 RF	2020	22	22000
210	Khandwa	Barwani	Bokrata	108876	259 FV	2020	20	2000
211	Khandwa	Barwani	Bokrata	108875	277 RF	2020	50	4000
212	Khandwa	Barwani	Barwani	108957	46 RF	2020	64	7800
213	Khandwa	Barwani	Pati	109448	103 RF	2020	1	1000
214	Khandwa	Barwani	Bokrata	108890	275 FV	2020	18	2000
215	Khandwa	Barwani	Pati	0	104A FV	2020	18	2000
216	Khandwa	Barwani	Barwani	0	46 RF	2020	18	2000
217	Khandwa	Barwani	Bokrata	108879	274 RF	2020	1	1000
218	Khandwa	Barwani	Bokrata	108878	275 FV	2020	4	1500
219	Khandwa	Barwani	Pati	109437	104A FV	2020	4	1500
220	Khandwa	Barwani	Barwani	0	46 RF	2020	4	1500
221	Khandwa	Sendhwa	Dhanora	0	677 RF	2019	6	0
222	Khandwa	Sendhwa	Pansemal	0	755 RF	2019	7	0
223	Khandwa	Sendhwa	Dhanora	107969	677 RF	2019	55	5000
224	Khandwa	Sendhwa	Pansemal	107968	755 RF	2019	56	5000
225	Khandwa	Sendhwa	Dhanora	0	677 RF	2019	10	0
226	Khandwa	Sendhwa	Pansemal	0	755 RF	2019	10	0



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 3(a) Plantation in Urban & peri urban areas		92.16	89.84	89.44
Sub Mission 3(a) Plantation in Urban & peri urban areas		92.00	97.33	95.00
Sub Mission 3(a) Plantation in Urban & peri urban areas	92.16	92.16	96.72	93.12
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			99.19	98.08
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			99.50	97.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			98.51	97.41
Sub Mission 1(c) Restoration of grasslands			98.03	97.11
Sub Mission 3(a) Plantation in Urban & peri urban areas			93.33	95.33
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation			97.60	94.86
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			99.21	97.14
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth				
Sub Mission 1(c) Restoration of grasslands				96.83
Sub Mission 1(c) Restoration of grasslands				75.42
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	0.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				76.70
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	100.00	78.00		85.15
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation				98.2
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	91.00	90.00	95.00	89.92
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	99.01	96.20	99.23	60.26
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			95.00	65.63
Sub Mission 1(c) Restoration of grasslands			100.00	98.30
Sub Mission 1(c) Restoration of grasslands			100.00	99.15
Sub Mission 1(c) Restoration of grasslands			98.11	89.97
Sub Mission 3(a) Plantation in Urban & peri urban areas			96.00	85.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			100.00	96.55
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				84.87
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				78.89
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation			100.00	98.20
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			100.00	96.96
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			94.00	86.90
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds				76.67
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	97.42	95.70	97.60	
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	100.00	81.30	90.00	
Sub Mission 1(c) Restoration of grasslands	0.00	0.00	0.00	0.00
Sub Mission 1(c) Restoration of grasslands	0.00	0.00	0.00	0.00

Annexure I- Division wise survival percentage under different submissions

S. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
227	Khandwa	Sendhwa	Dhanora	107971	677 RF	2019	5	5000
228	Khandwa	Sendhwa	Panseml	107970	755 RF	2019	6	5000
229	Khandwa	Sendhwa	Dhanora	107973	677 RF	2019	14	700
230	Khandwa	Sendhwa	Panseml	107972	755 RF	2019	14	700
231	Khandwa	Sendhwa	Dhanora	107975	677 RF	2019	5	1000
232	Khandwa	Sendhwa	Panseml	107974	755 RF	2019	6	1500
233	Khandwa	Sendhwa	Dhanora	107977	677 RF	2019	3	1000
234	Khandwa	Sendhwa	Panseml	107976	755 RF	2019	4	1500
235	Rewa	Satna	Uchehara	0	419, 421 PF	2019	178	0
236	Rewa	Satna	Uchehara	0	425 PF	2019	132	0
237	Rewa	Satna	Uchehara	105305	384 PF	2019	10	10000
238	Rewa	Satna	Uchehara	105304	466 PF	2019	51	51000
239	Rewa	Satna	Uchehara	0	466, 465, 425, 428, 414, 418, 383, 384 PF	2019	5	0
240	Rewa	Satna	Maihar	105317	477 PF	2019	20	6000
241	Rewa	Satna	Uchehara	105306	467 PF	2019	33	19800
242	Rewa	Satna	Uchehara	0	424, 430 PF	2020	178	0
243	Rewa	Satna	Uchehara	0	425 PF	2020	127.86	0
244	Rewa	Satna	Uchehara	109147	464 PF	2020	5.01	5000
245	Rewa	Satna	Uchehara	109361	466 PF	2020	51	51000
246	Rewa	Satna	Maihar	109144	477 PF	2020	5	1300
247	Rewa	Satna	Maihar	109143	476 PF	2020	10	2700
248	Rewa	Satna	Uchehara	0	Uraichuan, Jhakor, Berma, Rampur Gadhot, Karondi, Kordari, Basha, Patihat, Ladhad	2020	183	160000
249	Rewa	Satna	Maihar	109146	477 PF	2020	5	3400
250	Rewa	Satna	Uchehara	109148	463 PF	2020	32.59	19800
251	Sagar	Sagar South	Rahatgarh	105703	583 RF	2019	213	180000
252	Sagar	Sagar South	Dhana	105693	777 PF	2019	56	23800
253	Sagar	Sagar South	Sagar	105705	734 RF	2019	96	22456
254	Sagar	Sagar South	Rahatgarh	105702	587 PF	2019	74	118402
255	Sagar	Sagar South	Sagar	105706	Sironja	2019	32	62282
256	Sagar	Sagar South	Dhana	0	Bandarchua, Surkhi	2019	20	6200
257	Sagar	Sagar South	Rahatgarh	0	Rahatgarh, Dabri, Chandrapur, Rajoli	2019	71	21308
258	Sagar	Sagar South	Sagar	0	Sironja	2019	80	24120



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 3(a) Plantation in Urban & peri urban areas	96.58	94.70	95.80	
Sub Mission 3(a) Plantation in Urban & peri urban areas	100.00	80.60	90.00	
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	94.00	89.29	93.14	
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	95.71	80.71	90.00	
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation	96.70	93.50	95.50	
Sub Mission 4(b) AgroForestry and Social Forestry in Shelterbelt plantation	100.00	80.33	90.00	
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	94.30	90.50	92.50	
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	100.00	80.67	90.00	
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	99.23	84.44	92.00	89.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	99.24	88.08	76.48	91.00
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 3(a) Plantation in Urban & peri urban areas	99.05	97.63	96.83	84.60
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	99.06	85.04	94.00	
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			96.00	92.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			96.00	93.00
Sub Mission 3(a) Plantation in Urban & peri urban areas			95.08	72.46
Sub Mission 3(a) Plantation in Urban & peri urban areas			98.07	69.63
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	0.00
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			97.94	74.91
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			94.00	91.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	91.00	80.00	78.00	72.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	97.10	70.82	69.52	55.40
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	100.00	99.62	98.73	90.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	90.00	69.86	80.00	78.00
Sub Mission 3(a) Plantation in Urban & peri urban areas	100.00	99.68	99.04	91.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows				



Annexure I- Division wise survival percentage under different submissions

S. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
259	Sagar	Sagar South	Dhana	105694	Rangir	2019	30	1000
260	Sagar	Sagar South	Rahatgarh	105704	Dabri	2019	38	1200
261	Sagar	Sagar South	Sagar	105707	734 RF	2019	4	4000
262	Sagar	Sagar South	Rahatgarh	108717	576 RF	2020	211	32500
263	Sagar	Sagar South	Dhana	108716	788 RF	2020	49	6000
264	Sagar	Sagar South	Dhana	108715	823 RF	2020	100	14000
265	Sagar	Sagar South	Deori	108719	1123 RF	2020	73	37000
266	Sagar	Sagar South	Deori	108712	1078 PF	2020	4	3250
267	Seoni	Seoni South	Keolari	106460	514 RF	2019	4	5000
268	Seoni	Seoni South	Keolari	0	514 RF	2019	148	0
269	Seoni	Seoni South	Khawasa	0	265 PF	2019	200	0
270	Seoni	Seoni South	Keolari	106465	554 PF	2019	11	15000
271	Seoni	Seoni South	Keolari	0	554 PF	2019	30	0
272	Seoni	Seoni South	Khawasa	0	266 PF	2019	40	0
273	Seoni	Seoni South	Khawasa	105331	266 PF	2019	7	5000
274	Seoni	Seoni South	Khawasa	0	266 PF	2019	22	0
275	Seoni	Seoni South	Keolari	0	554 PF	2019	32	0
276	Seoni	Seoni South	Keolari	0	Dhunditola, Dhat karpadiya, Rumal, Jhitra, Sarasdol, Kanchanwara, Kumhada, Devjhir, Arjun Jhir	2019	64	25000
277	Seoni	Seoni South	Khawasa	0	Piparkhota, Piparia, Ramli	2019	66.5	26000
278	Seoni	Seoni South	Keolari	0	Kumhada to Kalimati	2019	5.22	5800
279	Seoni	Seoni South	Khawasa	0	209 RF	2020	141.64	0
280	Seoni	Seoni South	Keolari	0	509 RF	2020	199.36	0
281	Seoni	Seoni South	Khawasa	108831	356 PF	2020	68	4500
282	Seoni	Seoni South	Khawasa	108830	356 PF	2020	20	5500
283	Seoni	Seoni South	Khawasa	108828	356 PF	2020	11	7500
284	Seoni	Seoni South	Khawasa	0	Ramli, Kharitola, Shabri Rith, Riddi, Chikhlitola, Chikhli	2020	20	8800
285	Shahdol	Umaria	Ghunghunti	106495	294 RF	2019	200	40000
286	Shahdol	Umaria	Ghunghunti	106494	308 RF	2019	276	55200
287	Shahdol	Umaria	Nourozabad	106629	507 PF	2019	94	60100
288	Shahdol	Umaria	Ghunghunti	0	Bijoura to Ghunghuti	2019	0.5	600



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	99.50	89.70	80.00	78.00
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	98.00	92.00	91.00	89.00
Sub Mission 5 Restoration of Wetlands	100.00	95.00	94.75	90.40
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			92.57	88.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			90.00	85.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			90.00	88.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			98.00	92.00
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			98.00	87.11
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	99.04	98.94	100.00	89.76
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	100.00	100.00	100.00	98.37
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	98.00	84.44	75.96	73.56
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	0.00	0.00	0.00	0.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	0.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	0.00
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			100.00	95.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			100.00	95.96
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth			100.00	97.00
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows	0.00	0.00	0.00	0.00
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	97.65	92.18	91.46	84.39
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	93.82	90.12	89.32	87.83
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largely open areas with sparse undergrowth	99.91	98.47	99.63	94.66
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	98.80	91.70	82.55	70.80

Annexure I- Division wise survival percentage under different submissions

S. No.	Circle	Division	Range	Plantation ID	Compt / Village	Year	Area (Ha)	No. of Plants
289	Shahdol	Umaria	Ghunghunti	0	RF-295	2019	5	33400
290	Shahdol	Umaria	Ghunghunti	108452	305 RF	2020	477	95400
291	Shahdol	Umaria	Nourozabad	108413	507 PF	2020	77	77000
292	Shahdol	Umaria	Nourozabad	0	Sastra to Nipania	2020	0.80	500.00
293	Shivpuri	Shivpuri	Pichore	0	1110 PF	2020	3	1500
294	Shivpuri	Shivpuri	Satanwara	0	660 , 661, 662 PF	2019	96	0
295	Shivpuri	Shivpuri	Satanwara	109222	941 PF	2019	74	30000
296	Shivpuri	Shivpuri	Satanwara	0	653, 654, 659 PF	2019	300	0
297	Shivpuri	Shivpuri	Pichore	107400	1111 PF	2019	29	10000
298	Shivpuri	Shivpuri	Pichore	107399	1110 PF	2019	84	60000
299	Shivpuri	Shivpuri	Satanwara	108225	940 PF	2019	40	10000
300	Shivpuri	Shivpuri	Pichore	107401	1114 PF	2019	71	15000
301	Shivpuri	Shivpuri	Satanwara	109221	933 PF	2019	9	5625
302	Shivpuri	Shivpuri	Satanwara	0	670, 671 PF	2020	98	0
303	Shivpuri	Shivpuri	Satanwara	109215	670 RF	2020	381	40000
304	Shivpuri	Shivpuri	Pichore	109274	1111 PF	2020	30	18750
305	Shivpuri	Shivpuri	Pichore	109292	1110 PF	2020	84	84000
306	Shivpuri	Shivpuri	Pichore	109294	1114 PF	2020	113	80000
307	Shivpuri	Shivpuri	Pichore	0	297 RF	2020	2	0
308	Shivpuri	Shivpuri	Pichore	0	299 RF	2020	3	0
309	Shivpuri	Shivpuri	Pichore	0	301 RF	2020	3	0
310	Shivpuri	Shivpuri	Pichore	0	309 RF	2020	3	0
311	Shivpuri	Shivpuri	Pichore	0	297 RF	2020	6	0
312	Shivpuri	Shivpuri	Pichore	109297	1137 PF	2020	1	1000
313	Shivpuri	Shivpuri	Pichore	109296	1137 PF	2020	9	9000
314	Shivpuri	Shivpuri	Satanwara	0	Bilukho	2020	49	15000
315	Shivpuri	Shivpuri	Pichore	0	Tijarpur, Kaimkheda, Hurri	2020	49	15000
316	Shivpuri	Shivpuri	Pichore	0	Pureni, Masuri, Rupepur, Makhwa, Hinotiya, Guraiya, Padora, Lotan Rajapur, Dhapora	2020	99	35000
317	Shivpuri	Shivpuri	Satanwara	109356	933 PF	2020	2	685
318	Shivpuri	Shivpuri	Satanwara	109355	933, 935 PF	2020	2.5	805
319	Shivpuri	Shivpuri	Pichore	0	Massuri to Rajapur, Rannod Road; Masuri to Tijarpur	2020	19.5	1950
320	Shivpuri	Shivpuri	Pichore	0	Tijarpura Kaimkheda to Gurjar Road	2020	28	2800
321	Shivpuri	Shivpuri	Pichore	0	1114 PF	2020	4	1500
Total							20046.61	4567003



Survival Percentage

Submission	Oct-19	May-20	Oct-20	May-21
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds	98.15	93.10	87.50	80.23
Sub Mission 1(a) Moderately dense forest cover, but showing degradation			96.70	91.85
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largy open areas with sparse undergrowth			99.80	92.24
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			95.26	93.92
Sub Mission 5 Restoration of wetlands			92.60	87.53
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			96.67	90.93
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks	98.76	90.02	86.22	82.94
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largy open areas with sparse undergrowth	99.46	90.78	89.40	87.47
Sub Mission 1(c) Restoration of grasslands	100.00	89.20	89.50	88.00
Sub Mission 1(c) Restoration of grasslands	98.14	89.03	84.25	81.97
Sub Mission 3(a) Plantation in Urban & peri urban areas			100.00	93.96
Sub Mission 1(a) Moderately dense forest cover, but showing degradation	0.00	0.00	0.00	0.00
Sub Mission 1(b) Type A Ecorestoration of degraded open forests with plenty of root stocks			100.00	95.00
Sub Mission 1(b) Type B Ecorestoration of degraded open forest with limited rootstocks and open blanks			94.74	90.33
Sub Mission 1(b) Type C Ecorestoration of degraded open forest of largy open areas with sparse undergrowth			94.75	92.08
Sub Mission 1(c) Restoration of grasslands			95.55	93.75
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 2(f) Restoration of abandoned mining area	0.00	0.00	0.00	0.00
Sub Mission 3(a) Plantation in Urban & peri urban areas			97.80	95.80
Sub Mission 3(a) Plantation in Urban & peri urban areas			99.56	99.44
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			100.00	92.50
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			95.29	89.07
Sub Mission 4(a) AgroForestry and Social Forestry in Farmer's land including current fallows			94.91	90.21
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			100.00	90.51
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads /Canals/ Tank Bunds			100.00	89.44
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads / Canals/Tank Bunds			94.46	89.13
Sub Mission 4(c) AgroForestry and Social Forestry in Highways/ Rural roads / Canals/Tank Bunds			96.61	92.79
Sub Mission 5 Restoration of wetlands			96.40	92.00



Annexure II : Landscape - Northern Hills Plains Division - South Balaghat

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Submission	No of Grids	Natural regeneration status at baseline year Y0				Regeneration Per Hac Y0
										Negligible	Inadequate	Adequate	Profuse	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Balaghat	South Balaghat	Waraseoni	481 RF	105337	GIM	2019	Sub Mission 1(a)	31	10	18	3	0	
1	Balaghat	South Balaghat	Katangi	570 RF	105342	GIM	2019	Sub Mission 1 (a)	27	4	15	8	0	1148.15
2	Balaghat	South Balaghat	Katangi	567 RF	105343	GIM	2019	Sub Mission 1 (a)	17	0	7	10	0	1683.82
3	Balaghat	South Balaghat	Katangi	756 PF	105344	GIM	2019	Sub Mission 1(b) Type A	8	4	2	1	1	968.75
4	Balaghat	South Balaghat	Katangi	763 PF	105345	GIM	2019	Sub Mission 3 (a)	1	1	0	0	0	0.00
8	Balaghat	South Balaghat	Waraseoni	483 RF	105350	GIM	2019	Sub Mission 1(b) Type A						
9	Balaghat	South Balaghat	Waraseoni	834 PF	105351	GIM	2019	Sub Mission 1(b) Type B						
6	Balaghat	South Balaghat	Waraseoni	480 RF	105338	GIM	2019	Sub Mission 1 (a)	17	9	4	3	1	926.47
Total									70	18	28	22	2	
Percent of area naturally regenerating										34.2857				
7	Balaghat	South Balaghat	Katangi	571 RF	109036	GIM	2020	Sub Mission 1 (a)	27	7	12	7	1	1106.48
8	Balaghat	South Balaghat	Katangi	579 RF	109038	GIM	2020	Sub Mission 1 (a)	12	10	2	0	0	270.83
9	Balaghat	South Balaghat	Katangi	563A RF	109039	GIM	2020	Sub Mission 1(b) Type A	6	4	0	0	2	1416.67
10	Balaghat	South Balaghat	Waraseoni	492 RF	109112	GIM	2020	Sub Mission 1 (a)	23	11	9	1	2	978.26
11	Balaghat	South Balaghat	Waraseoni	493 RF	109113	GIM	2020	Sub Mission 1 (a)	7	2	3	1	1	1321.43
12	Balaghat	South Balaghat	Waraseoni	483 RF	109114	GIM	2020	Sub Mission 1(b) Type A	26	8	12	6	0	1048.08
13	Balaghat	South Balaghat	Waraseoni	834 PF	109117	GIM	2020	Sub Mission 1(b) Type C	1	0	1	0	0	1000.00
Total									102	42	39	15	6	
Percent of area naturally regenerating														

$$\text{Percent of Area Naturally Regenerating} = \frac{\text{Total Grid of Adequate} + \text{Total Grid of Profuse}}{\text{Total Number of Grids}} \times 100$$



Regeneration Details and Regeneration Per Hac. Year Wise - South Balaghat

Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 1 of treatment Y2				Regeneration Per Hac Y2
Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
15	16	17	18		19	20	21	22	
7	16	7	1						
12	15	0	0	1518.52	4	12	10	1	1365.74
0	2	12	3	2117.65	0	2	13	2	2110.29
4	2	1	1	1062.50	1	3	3	1	1359.38
1	0	0	0	250.00	0	1	0	0	1250.00
5	8	4	0	955.88	8	3	3	3	
22	27	17	4		13	21	29	7	
30					51.429				
9	12	4	2	851.85	Data will be collected by Oct-2021				
2	3	2	5	2072.92					
0	2	0	4	3104.16					
4	5	7	6	1795.45					
4	1	2	0	928.57					
2	6	8	2	1888.89					
0	1	0	0	1206.00					
21	30	23	19						

Index Regeneration Per Hac.

- Above 2501 – Profuse
- 1501 to 2500 – Adequate
- 501 to 1500 – Inadequate
- Less then 5000 – Negligible



Annexure II : Landscape - Satpura Narmada Division - West Betul

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Submission	No of Grids	Natural regeneration status at baseline year Y0				
										Negligible	Inadequate	Adequate	Profuse	
1	Betul	West Betul	Mohda	1487 PF	105477	GIM	2019	Sub Mission 1(a) Moderately dense forest cover, but showing degradation	124	83	27	10	4	
Total									124	83	27	10	4	
Percent of area naturally regenerating										11.29				
2	Betul	West Betul	Chicholi	1425 PF	108727	GIM	2020	Sub Mission 1(a) Moderately dense forest cover, but showing degradation	116	101	14	0	1	
Total									116	101	14	0	1	
Percent of area naturally regenerating										0.86				

Annexure II : Landscape - Bundelkhand Division - South Panna

S.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area (Hac)	Submission	No of Grids	Natural regeneration status at baseline year Y0			
											Negligible	Inadequate	Adequate	Profuse
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Chhatarpur	South Panna	Mohandra	1234 PF	105326	GIM	2019	114	Sub Mission 1(b) Type B	30	18	12	0	0
2	Chhatarpur	South Panna	Mohandra	1234 PF	105327	GIM	2019	59	Sub Mission 1 (b) Type C	17	10	7	0	0
3	Chhatarpur	South Panna	Mohandra	1235 PF	105328	GIM	2019	56	Sub Mission 1(c)	11	7	4	0	0
4	Chhatarpur	South Panna	Mohandra	1234 PF	105330	GIM	2019	153	Sub Mission 1 (b) Type A	31	18	13	0	0
5	Chhatarpur	South Panna	Kalda	874 PF	107189	GIM	2019	100	Sub Mission 1(b) Type B	24	15	7	1	1



Regeneration Details and Regeneration Per Hac. Year Wise - West Betul

Regeneration Per Hac Y0	Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 2 of treatment Y2				Regeneration Per Hac Y2
	Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
563.83	83	27	9	5	570.86	71	42	9	2	740.13
	83	27	9	5		71	42	9	2	
	11.29					8.87				
186.92	63	47	6	0	695.40	Data will be collected by Oct-2021				
	63	47	6	0						
	5.17									

Regeneration Details and Regeneration Per Hac. Year Wise - South Panna

Regeneration Per Hac Y0	Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 1 of treatment Y2				Regeneration Per Hac Y1
	Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
16	17	18	19	20	21	22	23	24	25	26
475.00	9	20	1	0	808.33	5	24	1	0	908.33
382.35	6	9	1	1	742.64	5	9	2	1	867.64
409.09	3	8	0	0	636.36	1	10	0	0	795.45
399.19	12	16	2	1	741.93	10	16	4	1	870.96
604.17	10	12	1	1	838.54	7	11	5	1	1145.83



Annexure II : Landscape - Bundelkhand Division - South Panna

6	Chhatarpur	South Panna	Kalda	873 PF	107259	GIM	2019	150	Sub Mission 1 (b) Type A	28	9	17	2	0
7	Chhatarpur	South Panna	Kalda	874 PF	107260	GIM	2019	56	Sub Mission 1(c)	10	3	7	0	0
8	Chhatarpur	South Panna	Saleha	787 PF	107463	GIM	2019	60	Sub Mission 1 (b) Type C	15	9	4	2	0
Total										166	89	71	5	1
Percent of area naturally regenerating											3.614			
11	Chhatarpur	South Panna	Mohandra	1263 PF	108634	GIM	2020	294	Sub Mission 1 (b) Type A	64	37	27	0	0
13	Chhatarpur	South Panna	Mohandra	1264 PF	108635	GIM	2020	110	Sub Mission 1(b) Type B	27	22	5	0	0
14	Chhatarpur	South Panna	Mohandra	1265 PF	108636	GIM	2020	111	Sub Mission 1 (b) Type C	33	28	5	0	0
15	Chhatarpur	South Panna	Mohandra	1234 PF	108637	GIM	2020	6	Submission 2- F	2	1	1	0	0
16	Chhatarpur	South Panna	Kalda	891 PF	108686	GIM	2020	100	Sub Mission 1(b) Type B	26	14	4	2	6
Total										152	102	42	2	6
Percent of area naturally regenerating											5.26316			



Regeneration Details and Regeneration Per Hac. Year Wise - South Panna

785.71	5	21	2	0	968.75	2	22	4	0	1209.82
650.00	1	9	0	0	925.00	1	7	2	0	1325.00
650.00	0	13	2	0	966.66	0	13	2	0	1208.33
	46	108	9	3		31	112	20	3	
	7.229					13.86				
386.71	37	27	0	0	562.50	Data Will be Collected by Oct-2021				
314.81	15	12	0	0	430.55					
276.51	26	7	0	0	356.06					
375.00	1	1	0	0	500.00					
1312.50	13	5	2	6	1447.11					
	92	52	2	6						
	5.263					0				

Annexure II : Landscape - Gird Division - Sheopur

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area (Hac)	Scheme	No of Grids	Natural regeneration status at baseline year Y0				Regeneration Per Hac Y0	
											Negligible	Inadequate	Adequate	Profuse		
1	Gwalior	Sheopur	Sheopur	100 RF	106283	GIM	2019	48	Sub Mission 1(b) Type B	10	8	2	0	0	337.5	
2	Gwalior	Sheopur	Sheopur	154 RF	106483	GIM	2019	56	Sub Mission 1(c)	6	3	3	0	0	687.50	
3	Gwalior	Sheopur	Sheopur	154 RF	106484	GIM	2019	80	Sub Mission 1(c)	6	1	5	0	0	979.17	
4	Gwalior	Sheopur	Sheopur	154 RF	106485	GIM	2019	70	Sub Mission 1(c)	8	2	6	0	0	812.50	
5	Gwalior	Sheopur	Sheopur	154 RF	106486	GIM	2019	45	Sub Mission 1(c)	6	1	4	0	1	1166.67	
6	Gwalior	Sheopur	Sheopur	162 RF	106610	GIM	2019	73	Sub Mission 1(b) Type A	9	3	5	0	1	819.44	
7	Gwalior	Sheopur	Sheopur	162 RF	106613	GIM	2019	104	Sub Mission 1(b) Type A	20	8	7	3	2	956.25	
8	Gwalior	Sheopur	Sheopur	112 RF	106786	GIM	2019	66	Sub Mission 1(a)	13	6	6	1	0	1100	
9	Gwalior	Sheopur	Sheopur	154 RF	107068	GIM	2019	49	Sub Mission 1(c)	6	2	3	0	1	1250.00	
10	Gwalior	Sheopur	Sheopur	142 RF	107069	GIM	2019	39	Sub Mission 1(b) Type A	5	2	3	0	0	800.00	
11	Gwalior	Sheopur	Sheopur	142 RF	107070	GIM	2019	54	Sub Mission 1(b) Type A	7	1	6	0	0	875.00	
12	Gwalior	Sheopur	Sheopur	142 RF	107218	GIM	2019	69	Sub Mission 1(c)	6	4	2	0	0	520.83	
13	Gwalior	Sheopur	Sheopur	94 PF	107219	GIM	2019	53	Sub Mission 1(b) Type A	8	7	0	0	1	437.50	
14	Gwalior	Sheopur	Sheopur	94 PF	107220	GIM	2019	51	Sub Mission 1(b) Type A	9	5	4	0	0	555.56	
15	Gwalior	Sheopur	Sheopur	100 RF	107221	GIM	2019	19	Sub Mission 1(b) Type C	6	4	2	0	0	645.83	
16	Gwalior	Sheopur	Sheopur	100 RF	107222	GIM	2019	80	Sub Mission 1(b) Type C	17	13	4	0	0	360.29	
17	Gwalior	Sheopur	Sheopur	148 RF	107262	GIM	2019	57	Sub Mission 1(b) Type B	12	0	12	0	0	812.50	
18	Gwalior	Sheopur	Sheopur	148 RF	107263	GIM	2019	39	Sub Mission 1(b) Type B	12	0	12	0	0	864.58	
19	Gwalior	Sheopur	Sheopur	148 RF	107264	GIM	2019	35	Sub Mission 1(b) Type B	8	0	8	0	0	1031.25	
Total										174	70	94	4	6		
Percent of area naturally regenerating											5.74713					
20	Gwalior	Sheopur	Sheopur	112 RF	108768	GIM	2020	66	Sub Mission 1(a)	10	3	7	0	0	700	
21	Gwalior	Sheopur	Sheopur	154 RF	108990	GIM	2020	39	Sub Mission 1(b) Type A	5	4	1	0	0	150.00	
22	Gwalior	Sheopur	Sheopur	148 RF	108991	GIM	2020	98	Sub Mission 1(b) Type A	4	3	1	0	0	468.75	
23	Gwalior	Sheopur	Sheopur	149 RF	108992	GIM	2020	69	Sub Mission 1(b) Type A	12	7	5	0	0	604.17	
24	Gwalior	Sheopur	Sheopur	141 RF	108993	GIM	2020	100	Sub Mission 1(b) Type A	12	8	4	0	0	385.42	
25	Gwalior	Sheopur	Sheopur	141 RF	108994	GIM	2020	70	Sub Mission 1(b) Type A	7	2	5	0	0	767.86	
26	Gwalior	Sheopur	Sheopur	162 RF	108995	GIM	2020	45	Sub Mission 1(c)	5	2	3	0	0	600.00	
27	Gwalior	Sheopur	Sheopur	162 RF	108996	GIM	2020	46	Sub Mission 1(c)	6	3	3	0	0	583.33	
28	Gwalior	Sheopur	Sheopur	162 RF	108997	GIM	2020	65	Sub Mission 1(c)	9	4	4	1	0	638.89	
29	Gwalior	Sheopur	Sheopur	162 RF	108998	GIM	2020	53	Sub Mission 1(c)	6	6	0	0	0	125.00	
30	Gwalior	Sheopur	Sheopur	162 RF	108999	GIM	2020	71	Sub Mission 1(c)	9	6	3	0	0	375.00	
31	Gwalior	Sheopur	Sheopur	141 RF	109000	GIM	2020	89	Sub Mission 1(c)	12	6	5	0	1	854.17	
32	Gwalior	Sheopur	Sheopur	116 RF	109046	GIM	2020	100	Sub Mission 1(b) Type C	16	12	3	1	0	375.00	
33	Gwalior	Sheopur	Sheopur	89 PF	109128	GIM	2020	99	Sub Mission 1(b) Type B	12	9	3	0	0	437.50	
34	Gwalior	Sheopur	Sheopur	110 RF	109168	GIM	2020	80	Sub Mission 1(b) Type B	10	6	3	1	0	575.00	
Total										135	81	50	3	1		
Percent of area naturally regenerating											2.963				6.667	



Regeneration Details and Regeneration Per Hac. Year Wise - Sheopur

Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 2 of treatment Y2				Regeneration Per Hac Y2
Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
7	3	0	0	437.50	6	4	0	0	537.50
0	6	0	0	1000.00	1	3	2	0	1270.83
0	5	1	0	1053.57	0	5	1	0	1321.43
1	7	0	0	968.75	1	7	0	0	1203.13
1	5	0	0	1000.00	1	5	0	0	1208.33
3	4	1	1	888.89	0	7	2	0	1305.56
8	8	3	1	875.00	2	11	6	1	1381.25
3	5	5	0	1325	3	6	4	0	1105.8
1	3	1	1	1833.33	1	3	1	1	2062.50
2	3	0	0	650.00	2	3	0	0	700.00
0	6	1	0	1321.43	0	3	4	0	1535.71
2	3	1	0	812.50	1	5	0	0	916.67
7	0	0	1	500.00	7	0	0	1	609.38
4	5	0	0	625.00	2	7	0	0	708.33
5	1	0	0	479.17	2	4	0	0	687.50
13	4	0	0	437.50	10	6	1	0	656.25
0	12	0	0	833.33	1	10	1	0	895.83
12	0	0	0	895.83	0	8	4	0	1114.58
0	8	0	0	1046.88	0	8	0	0	1109.38
69	88	13	4		40	105	26	3	
9.77011					16.6667				
2	6	2	0	962.5	Data will be collected by Oct-2021				
0	5	0	0	825.00					
3	1	0	0	406.25					
2	10	0	0	760.42					
8	4	0	0	458.33					
3	3	1	0	803.57					
2	2	1	0	875.00					
1	5	0	0	875.00					
2	7	0	0	833.33					
1	5	0	0	750.00					
3	4	2	0	916.67					
3	8	1	0	875.00					
10	5	0	1	617.19					
7	5	0	0	489.58					
6	3	1	0	650.00					
53	73	8	1						



Annexure II : Landscape - Satpura Narmada Division - Hoshangabad

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Submission	Area hac	No of Grids	Natural regeneration status at baseline year YO			
											Negligible	Inadequate	Adequate	Profuse
1	Hoshangabad	Hoshangabad	Itarsi	156 RF	106389	GIM	2019	Sub Mission1 (a) Moderately dense forest cover, but showing degradation	240	53	35	7	8	3
2	Hoshangabad	Hoshangabad	Sukhatawa	75 PF	106382	GIM	2019	Sub Mission 1 (a) Moderately dense forest cover, but showing	300	71	20	24	19	8
Total										124	55	31	27	11
Percent of area naturally regenerating											30.6			
4	Hoshangabad	Hoshangabad	Itarsi	123 PF	109017	GIM	2020	Sub Mission 1 (a) Moderately dense forest cover, but showing	120	23	4	5	8	6
5	Hoshangabad	Hoshangabad	Itarsi	154 RF	109021	GIM	2020	Sub Mission 1 (a) Moderately dense forest cover, but showing	138	28	11	9	5	3



Regeneration Details and Regeneration Per Hac. Year Wise - Hoshangabad

Regeneration Per Hac YO	Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 2 of treatment Y2				Regeneration Per Hac Y2
	Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
653.30	32	12	7	2	716.98	17	18	8	10	1433.96
1314.52	15	38	13	5	975.81	11	36	18	6	1157.26
	47	50	20	7		28	54	26	16	
	22					33.9				
1875.00	0	11	6	6	2065.22	Data will be collected by Oct-2021				
1080.36	7	10	5	6	1401.79					



Landscape - Northern Hills Plains Division - Umaria

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area Hac	submission	No of Grids	Natural regeneration status at baseline year Y0		
											Negligible	Inadequate	Adequate
1	Shahdol	Umaria	Ghunghunti	308 RF	106494	GIM	2019	276	Sub Mission 1 (a)	65	22	21	18
2	Shahdol	Umaria	Ghunghunti	294 RF	106495	GIM	2019	200	Sub Mission 1 (a)	39	22	7	3
4	Shahdol	Umaria	Nourozabad	507 PF	106629	GIM	2019	94	Sub Mission 1 (b) Type C	18	9	8	1
Total										122	53	36	22
Percent of area naturally regenerating											27.05		
5	Shahdol	Umaria	Nourozabad	507 PF	108413	GIM	2020	77	Sub Mission 1 (b) Type C	13	10	3	0
3	Shahdol	Umaria	Ghunghunti	305 RF	108452	GIM	2020	477	Sub Mission 1 (a)	104	51	40	9
Total										117	61	43	9
Percent of area naturally regenerating											11.11		



Regeneration Details and Regeneration Per Hac. Year Wise - Umaria

Profuse	Regeneration Per Hac Y0	Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 2 of treatment Y2				Regeneration Per Hac Y2
		Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
4	1201.92	15	22	20	8	1446.15	14	19	21	11	1609.62
7	1294.87	20	9	3	7	1451.92	15	13	5	6	1551.28
0	652.78	7	5	6	0	916.67	8	4	6	0	840.28
11		42	36	29	15		37	36	32	17	
		36.07					40.16				
0	278.85	10	3	0	0	278.85	Data will be collected by Oct-2021				
4	777.48	40	39	17	8	1023.33					
4		50	42	17	8						
		21.37									



Annexure II : Landscape - Bundelkhand Division - South Sagar

Sl.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area Hac	Submission	No of Grids	Natural regeneration status at baseline year Y0			
											Negligible	Inadequate	Adequate	Profuse
1	Sagar	South Sagar	Dhana	777 PF	105693	GIM	2019	56	Sub Mission 1 (b) type a	6	6	0	0	0
3	Sagar	South Sagar	Rahatgarh	587 PF	105702	GIM	2019	74	Sub Mission 1 (b) type b	14	14	0	0	0
4	Sagar	South Sagar	Rahatgarh	583 RF	105703	GIM	2019	213	Sub Mission 1 (a)	44	42	2	0	0
5	Sagar	South Sagar	Sagar	734 RF	105705	GIM	2019	96	Sub Mission 1 (b) type a	10	5	5	0	0
6	Sagar	South Sagar	Sagar	734 RF	105707	GIM	2019	4	Sub Mission 5	6	5	1	0	0
Total										80	72	8	0	0
Percent of area naturally regenerating											0.00			
7	Sagar	South Sagar	Deori	1078 PF	108712	GIM	2020	4	Sub Mission 1 (b) type a	1	1	0	0	0
8	Sagar	South Sagar	Deori	1123 RF	108719	GIM	2020	73	Sub Mission 1 (b) type a	17	5	6	4	2
9	Sagar	South Sagar	Dhana	823 RF	108715	GIM	2020	100	Sub Mission 1 (b) type a	23	23	0	0	0
10	Sagar	South Sagar	Dhana	788 RF	108716	GIM	2020	49	Sub Mission 1 (b) type a	7	7	0	0	0
11	Sagar	South Sagar	Rahatgarh	576 RF	108717	GIM	2020	211	Sub Mission 1 (a)	20	17	3	0	0
Total										68	53	9	4	2
Percent of area naturally regenerating											8.82			



Landscape - Bundelkhand Division - South Sagar

Regeneration Per Hac Y0	Natural regeneration status in year 1 of treatment Y1				Regeneration Per Hac Y1	Natural regeneration status in year 2 of treatment Y2				Regeneratio n Per Hac Y2
	Negligible	Inadequate	Adequate	Profuse		Negligible	Inadequate	Adequate	Profuse	
41.67	6	0	0	0	83.33	6	0	0	0	83.33
27.79	13	1	0	0	80.36	14	0	0	0	71.43
42.61	42	2	0	0	51.14	42	2	0	0	71.02
387.50	6	4	0	0	462.50	6	4	0	0	462.50
270.83	4	2	0	0	437.50	4	2	0	0	437.50
	61	9	0	0		72	8	0	0	
	0.00					0.00				
0.00	1	0	0	0	0.00	Data will be collected by Oct-2021				
1257.35	5	5	5	2	1441.18					
0.00	23	0	0	0	0.00					
17.86	7	0	0	0	41.67					
218.75	16	3	1	0	300.00					
	52	8	6	2						
	11.76									



Annexure III : GIM Planted Species Details

S. NO.	Species Name	Botanical/Scientific Name	S. NO.	Species Name	Botanical/Scientific Name
1	Aaonla/Amla	<i>Emblica officinalis</i>	46	Mitnim (Kadhi Patta)	<i>Murraya koenigii</i>
2	Achar	<i>Buchanania lanzan</i>	47	Molsri	<i>Mimusops elengi</i>
3	Amaltas	<i>Cassia fistula</i>	48	Mundi	<i>Mitragyna parvifolia</i>
4	Anjan	<i>Hardwickia binata</i>	49	Neem	<i>Azadirachta indica</i>
5	Arita / Reetha	<i>Sapindus mukroassi</i>	50	Padar	<i>Stereospermum chelonoides</i>
6	Arjun	<i>Terminalia arjuna</i>	51	Paraspeepl	<i>Thespesia populina</i>
7	Ashok	<i>Polyalthia longifolia</i>	52	Peepal	<i>Ficus religiosa</i>
8	Babool	<i>Acacia nilotica</i>	53	Peltafarm	<i>Peltaforum deltoides</i>
9	Bahera	<i>Terminalia bellirica</i>	54	Pomegranate	<i>Punica granatum</i>
10	Bamboo	<i>Dendrocalamus strictus</i>	55	Putranjiwa	<i>Putranjiva roxburghii</i>
11	Banyan	<i>Ficus bengalensis</i>	56	Rohan	<i>Soymida febrifuga</i>
12	Bauhinia	<i>Bauhinia variegata</i>	57	Saja	<i>Terminalia tomentosa</i>
13	Bel/Bael	<i>Aegle marmelos</i>	58	Salai	<i>Boswellia serrata</i>
14	Bhilma	<i>Semecarpus anacardium</i>	59	Seafront	<i>Anona squamosa</i>
15	Bija	<i>Pterocarpus marsupium</i>	60	Sehra	<i>Bauhinia retusa</i>
16	Black Sirrus	<i>Albizia lebbek</i>	61	Sinduri	<i>Mallotus philippinensis</i>
17	Chikuoo	<i>Manilkara zapota</i>	62	Sisam	<i>Dalbergia latifolia</i>
18	Chinol	<i>Holoptelia integrifolia</i>	63	Sissu	<i>Dalbergia sissoo</i>
19	Garari	<i>Cleistanthus collinus</i>	64	Son-Padar	<i>Stereospermum xylocarpum</i>
20	Guava	<i>Psidium gujava</i>	65	Surjana/Munga	<i>Moringa oleifera</i>
21	Gular	<i>Ficus glomerata</i>	66	Teak	<i>Tactona Grandis</i>
22	Gulmohar	<i>Delonix regia</i>	67	Tinsa	<i>Ougeinia oogeinsis</i>
23	Haldu	<i>Adina cordifolia</i>	68	White Sirrus	<i>Albizia procera</i>
24	Harra	<i>Terminalia chebula</i>			
25	Imli	<i>Tamarindus indica</i>			
26	Jackfruit	<i>Artocarpus heterophyllus</i>			
27	Jamun	<i>Syzygium cumini</i>			
28	Jharul	<i>Lagerstroemia speciosa</i>			
29	Jungle jalebi	<i>Pithecelobium dulce</i>			
30	Kadamb	<i>Anthocephalus kadamba</i>			
31	Kaitha	<i>Limonia acidissima</i>			
32	Kanji/ Karanj	<i>Pongamia pinnata</i>			
33	Kardhai	<i>Anogeissus Pendula</i>			
34	Kasia siama	<i>Cassia siamia</i>			
35	Katang bamboo	<i>Bambusa arundinaceae</i>			
36	Khair	<i>Acacia catechu</i>			
37	Khamer	<i>Gmelina arborea</i>			
38	Kumbhi	<i>Careya arborea</i>			
39	Kusum	<i>Schleichera oleosa</i>			
40	Lasodha	<i>Cordia dichotoma</i>			
41	Lemon	<i>Citrus aurantifolia</i>			
42	Lokhandi	<i>Ixora parviflora</i>			
43	Maharuk	<i>Ailanthus excelsa</i>			
44	Mahua	<i>Madhuca indica</i>			
45	Mango	<i>Mangifera indica</i>			

OUR ACTIVITIES



Madhya Pradesh Forest Department



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