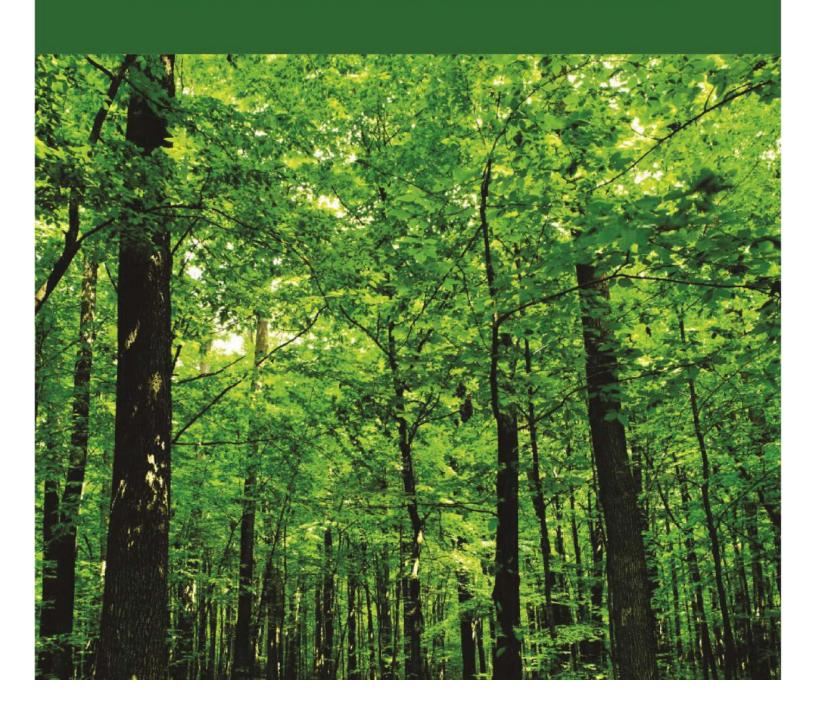


# CAMPA - MAHARASHTRA PLANTATIONS EVALUATION 2020





### **INDEX**

<u>Section</u>	<u>Contents</u>	Page No.
Α.	ACKNOWLEDGEMENT (अभिस्वीकृति)	
В.	ABBREVIATIONS	
C.	EXECUTIVE SUMMARY OF EVALUATION	
D.	LIST OF CONTENTS	
1.	INTRODUCTION	
	1.1: Forest (Conservation) Act, 1980	
	1.2: Area for Compensatory Afforestation	
	1.3: Creation of CAMPA – Maharashtra	
	1.4: Afforestations / Plantations through CAMPA	
	1.5: Evaluation	
2.	EVALUATION METHODOLOGY	
	2.1: Evaluating Agency	
	2.2: Constitution of Evaluations Teams	
	2.3: Selection of Evaluation Sites	
	2.4: Methodology of Evaluation	
3.	LEGAL STATUS OF CA LANDS	
	3.1: Guidelines for Declaring Non Forest Lands into Forests	
	3.2: Non Forest Lands Declared Forests	
4.	QUALITATIVE ANALYSIS	
	4.1: Choice of Species	
	4.2: Plant Survival	
	4.3: Plantation Species	
	4.4: Growth Analysis	
	4.5: Health of Plants	
5.	SOCIO-ECONOMIC ANALYSIS	
	5.1: Expenditure	
	5.2: Employment	
	5.3: Maintenance of Financial Records	
	5.4: Gender Issues	
	5.5: Difficulties of Field Staff	



#### E. LIST OF TABLES

- 1.1: Details of Plantation Area selected for evaluation
- 1.2: Circle wise Abstract of Sites Evaluated
- 1.3: Forest Circle/District/Forest Division wise distribution of 103 sites
- 1.4: Area Abstract of 103 Sites
- 1.5: CA Treatment Models
- 2.1: Composition of Evaluation Teams
- 3.1: Status of Declaring non-forest CA lands as Forests
- 4.1: Plantation year wise average survival percent
- 4.2: Local and Botanical Name of Species Planted
- 4.3: Plantation Year wise Average Height of Plants
- 4.4: Year wise Health of Plantations
- 5.1: CAMPA Plantation Evaluation Expenditure & Generation of mandays for 101 evaluated sites
- 5.2: Status of Incomplete MBs
- 5.3: Status of Audit

#### F. LIST OF FIGURES

- 1.1: Plantation Sites Evaluated in Districts of Maharashtra
- 1.2: Agro Climatic Zones of Maharashtra
- 4.1: Species Suitability Chart
- 4.2: Diagram of No. of sites Vs survival %
- 4.3: Graph Showing Year wise Plant Survival
- 4.4: Profile of Species planted under CAMPA Project
- 4.5: Year wise Plantation Height Trend
- 4.6: Status of Health of Plants
- 4.7: Gradation of Plantations
- 5.1: No of Sites Audit not done

#### G. LIST OF ANNEXURES

- I MoU in Marathi
- II GoM Letter dated 18-02-2020
- III Abstract of 103 Evaluated Sites



### अभिस्वीकृति (ACKNOWLEDGMENT)

ही अभिस्वीकृति म्हणजे केवळ शिष्टाचाराची पूर्तता पार पाडण्यासाठी नसून, हृदयाच्या मळ्यातून उमललेल्या भावनांचा गुच्छ अर्पण करण्याची कृति आहे. महाराष्ट्रात आणि भारतवर्षात अनेक नामवंत संस्था हे कार्य पार पाडण्यासाठी ईच्छुक व सबळ असतांना मूल्यांकनाचे कामासाठी सेवक संघटनेची निवड करुन, आमच्यावर जो विश्वास प्रगट केला आहे, त्या करिता आम्ही कॅम्पा -महा. चे ऋणी असून, त्यांचे आभार कसे मानावेत याकरिता शब्द सुमने आमचेकडे नाहीत. सेवक, यासाठी श्री संजीव गौड, भा.व.से.,अपर प्रधान मुख्यवनसंरक्षक,म.रा., नागपूर यांचे विशेष आभार व्यक्त करते. या शिवाय सेवक पुढील व्यक्तींची पण आभारी आहे -

- मा.वनमंत्री, म. रा., मुंबई.
- मा. राज्यमंत्री वने, म. रा., मुंबई
- अपर मुख्य सचिव, वने, मुंबई.
- 🕨 वन बल प्रमुख, म.रा., नागपूर
- > सर्व प्रादेशिक वनव्रुत्तांचे मुख्यवनसंरक्षक
- मृत्यांकन क्षेत्रातील उपवनसंरक्षक / वि. व.अधिकारी
- मूल्यांकन क्षेत्रातील सहाय्यक वनसंरक्षक/वनक्षेत्रपाल/वनरक्षक/वनमजूर/वाहन चालक/कार्यालयीन कर्मचारी.

या महाकाय कामातील, मूल्यांकन प्रपत्रातील विस्तृत माहितीच्या डेटा एंट्रीचे काम श्री. प्रविण पवार यांनी लॉकडाऊनचे काळात वेगाने केल्यामुळे त्यांचे आभार व्यक्त करणे जरूरी आहे.

डेटा क्लिनिंग, संकलन करणे, त्याचे विश्लेषण करून निष्कर्ष काढणे हे काम "एनव्हिजन काँप्युटर ट्रेनिंग इन्स्टीट्युट, पुणे ४११०३७" यांनी मेहनतीने व कौशल्याने अल्प कालावधीत पूर्ण केल्याबद्दल सेवक त्यांचे आभार मानते. नाविन्यपूर्ण,तांत्रिक मूल्यांकन अहवालाची मांडणी व संगणीकरण करून हा अहवाल पूर्णत्वास नेण्यासाठी, सर्व व्यवहार ठप्प असतांना, श्री प्राजक्त पत्की यांनी केलेल्या प्रयत्नांमुळे सफलता मिळाली, म्हणून सेवक त्यांचे खास आभार मानते.

श्री. संभाजी गवळी, उपाध्यक्ष, सेवक यांनी मूल्यांकन करणे, अहवाल निर्मित्तीत विश्लेषण करणे, प्रकरणांचे लिखाण करणे या कामी पुढाकार घेऊन कार्यपूर्तता केल्याबद्दल उपकृत आहे. तसेच श्री एस. एम. जगताप यांनी समन्वयकाचे काम उत्साहाने व जबाबदारीने पार पाडल्याबद्दल त्यांचे अभिनंदन करते. सरतेशेवटी सेवक आपल्या मूल्यांकन चमूतील सदस्य आणि कार्यकारणीतील मान्यवरांचे आभार मानते.

या शिवाय अनवधनाने कुणाचे आभार मानण्याचे राहून गेलेअसल्यास सेवक त्यांचे आभार व्यक्त करते.

(वि.त्र्यं.पत्की)

प्राधिकृत सदस्य,सेवक.



### **ABBREVIATIONS**

ACF	Assistant Conservator of Forests
APCCF	Additional Principal Chief Conservator of Forests
APO	Annual Plan of Operations
Av.	Average
CA	Chartered Accountant/Compensatory Afforestation
CAMPA	Compensatory Afforestation Management & Planning Authority
CCF	Chief Conservator of Forests
CCT	Continuous Contour Trench
CEO	Chief Executive Officer
cms	Centimeters
cum	Cubic meter
CW	Conditional Works
DCCT	Deep Continuous Contour Trench
DCF/DyCF	Deputy Conservator of Forests
DFO	Divisional Forest Officer
ET	Evaluation Team
FGd	Forest Guard
Fr	Forester
FYO	First Year Operations
gbh	Girth Breast Height
Gol	Government of India
GoM	Government of Maharashtra
GPS	Global Positioning System
Н	Healthy
ha	Hectare
HoFF	Head of Forestry Force
JFM	Joint Forest Management
JFMC	Joint Forest Management Committee
M/m	Meter
MAH/Mah	Maharashtra
MB	Measurement Book
MoEF& CC	Ministry of Environment Forests & Climate Change
MoU	Memorandum of Understanding
PA	Wildlife Protected Area
PCCF	Principal Chief Conservator of Forests
PPO	Pre-Planting Operations



PYO	Preliminary Year Operations
R&FD	Revenue & Forests Department
RFO	Range Forest Officer
Rmt/rmt	Running Meter
SEVAK	Sevanivrutta Van Karmachari Sangh, Maharashtra
SH	Semi-Healthy
SMC	Soil Moisture Conservation
SYO	Second Year Operations
Т	Territorial
TCM	Trench cum Mound
TYO	Third Year Operations
UH	Un-Healthy
WAT	Water Absorption Trench
Yr	Year



#### **EXECUTIVE SUMMARY OF EVALUATION**

- ➤ The CAMPA-MAH identified SEVAK as Third party Evaluating Agency to evaluate 148 sites of plantation under CAMPA and made MoU.
- ➤ The summary deals with 103 evaluated sites, excluding PYO-PPO 45 sites, equivalent to about 20% treated area.

The area of 103 evaluated sites is 1453.765 ha., which is classified into Forest Land- 1224.975 ha. (82 sites) and Non-Forest land- 328.790 ha. (21 sites). Evaluation of 45 sites proposed to be treated under PYO/PPO works could not be done due to lockdown of pandemic Covid-19 & non-execution of works on the ground.

- ➤ Area of 16 sites out of the 21 Non-forest sites is notified as Forests and process of declaring area of remaining 5 sites as forests is in progress.
- The distribution of plantations is as below -

FYO: 14 sites 186.296 ha. SYO: 18 sites 295.650 ha. 5<sup>th</sup> Year: 12 sites 147.690 ha. 8<sup>th</sup> Year: 34 sites 561.700 ha. Conditional Works: 25 sites 262.429 ha. Total: 103 sites 1453.765 ha.

> Following 5 Plantation Models are implemented by & large.

2500 Plants per ha.

1111 Plants per ha.

400 Plants per ha

625 Plants per ha.

400+1100 Plants per ha.

➤ 66 Plant species were introduced in the plantations. On 80 sites (77%) species selected for planting were suitable. The utility of planted species is as below-

Timber: 11%,Fuel: 02%,Fruit:20%, Gum:01%,Medicinal Plants:24%,

Multiple use:15%, Ornamental use:27%

Plant Survival

42 sites-More than 80%

23 sites-60-80%

24 sites- 40-60%

13 sites -less than 40%

01 site- 0% as the site is burnt.

1



#### Average height of plants

2018-19 Plantations	64.32 cms
2017-18 Plantations	73.48 cms
2015-16 Plantations	151.57 cms
2011-12 Plantations	147.92 cms
2011-12 to 2015-16 Plantations	168.31 cms
Average	114.31 cms

#### Health of Plants

Healthy	61 sites	69.2%
Semi-Healthy	22 sites	21.4%
Un-Healthy	20 sites	19.4%
Total	103 sites	100.0%

#### Grading of Plantations

Average height of plants, general health of plants & survival percentage of plants together were taken into account in grading of plantations.

Excellent (A+)	16 sites
Very Good (A)	32 sites
Good (B+)	28 sites
Average (B)	15 sites
Poor (C)	11 sites
Burnt	01 site
Total	103 sites

- > Treatment Map preparation, zonation of the area and it's ground verification need drastic improvement. Role of RFOs & ACFs is not conspicuous.
- > Timely monitoring of field operations and expenditure on it need attention.
- > Supervision over plantation activities is inadequate. Inspection notes are not recorded in the plantation registers and follow-up is not observed.
- ➤ The APO of CAMPA-Mah for 2019-20 received approval of Rs. 498.18 crores from the National Authority in the meeting held on 15-07-2019. The funds were transferred by Gol after the monsoon session of 2019 and hence the supplementary demand could only be placed in the winter session of 2019 for Rs. 389.400 crores and the State Legislature approved amount of Rs. 189.400 cores only. Hence most of the payments from October 2019 onwards could not be made, causing pendency of payments in the field and non execution of PYO/PPO works. (Source GoM, R&FD, letter, dt. 18-03-2020 addressed to the Dy.CEO, National Authority, MoEF & CC, New Delhi)
- ➤ The expenditure on 103 evaluated sites is Rs. 21.9915 crores or say 22 crores.
- ➤ The mandays generated through plantation programme are 5,19,610.



# SECTION-1 INTRODUCTION

#### 1.1 Forest (Conservation) Act, 1980:

The FCA, 1980 deemed to be in force from 25-10-1080, extending to whole of India except the State of Jammu and Kashmir. The President of India granted assent to the Act on 27-12-1980 and the Act came in force as Act No. 69 of 1980. Section 2 of the Act imposes restriction on de-reservation of forest or use of forest land for nonforest purpose.

#### 1.2 Area for Compensatory Afforestation:

Government of India, Department of MOEF <u>vide</u> no. 2-3/86-FC, New Delhi, dated 31-07-1986 communicated guidelines for diversion of forest lands for non-forest purposes under the FCA.

The guideline no. 8.1 specifies norms for land of Compensatory Afforestation.

- 8.1(i) Where non-forest lands are available, the CA be raised over equivalent area of non-forest land.
- 8.1(ii) Where non-forest lands are not available, the CA be raised over degraded forest lands twice in extent to the area being diverted.
- 8.1(iii) Where non-forest lands available is less in extent to the forest land being diverted, in addition to the CA on available non-forest land plantation be raised in the degraded forest twice in extent to the difference between forest land being diverted and available non-forest land.
- 8.2(c) In cases of diversion of forest land less than 1 ha. In extent, unless asked for by the Forest Department, the CA shall not be insisted upon.

#### 1.3 Creation of CAMPA - Maharashtra:

There were many loopholes in carrying out CAMPA plantations on forest as well as non-forest lands and no sustainability throughout the country for implementation of the plantation programme for CA. The matter reached to the Supreme Court of India and it was settled by the Supreme Court in 2002 ordering the Central and State Governments to create Compensatory Afforestation Management and Planning Authority (CAMPA). In Maharashtra, the CAMPA was constituted and they are managing plantation of CA from 2010-11 onwards. Monitoring and Evaluation of the CA is one of the important activities of the CAMPA. Generally, the M&E is done by the evaluation wing of the State Forest Department, however, the concept of Third Party Evaluation was introduced according to the SC order.



#### 1.4 Afforestation / Plantations through CAMPA:

In Maharashtra, there are 9 agro-ecological zones. About 50% of the forest land is degraded by biotic interference. The over grazing of cattle and repeated fires on forest lands, the forest area has become unsuitable for Natural Regeneration. The depth of soil in general is shallow. Hence, the concept of Treatment Map was introduced from 1986 onwards under the massive afforestation programme. The CA land to be treated is classified into various zones depending upon the soil depth and plantations are raised on Zone-II lands with smaller plant population and on Zone-III with higher plant population. Under the CAMPA Afforestation, bulk of the plantation programme is carried out in the pits along with SMC works and fencing. So far under the CAMPA, GoM has carried out afforestation programme over 11011.721 ha. of forest as well as non-forest land from 2010-11.

#### 1.5 Evaluation:

The concurrent monitoring and evaluation is done internally by the Forest Department. However, the Department has limitations in carrying out evaluations and hence according to the SC order the third party evaluation concept came in force. The evaluation is needed for understanding sustainability of the plantations, to understand the rate of growth and survival of plants, general health of the plants, to mitigate needs of local beneficiaries and to regenerate the lands for strengthening ecology. The Additional Principal Chief Conservator of Forests (APCCF – MAH) identified the Sevanivrutt Van Karmachari Sangh, Maharashtra for carrying out third party evaluation of the CA programme and signed the Memorandum of Understanding for carrying out the evaluation.

#### 1.6 Target of Evaluation:

MoU was signed by the APCCF and the SEVAK on 03-02-2020, which is enclosed as Annexure-I (in Marathi). Following area were brought under or proposed under CA from 2010-11 onwards in the State of Maharashtra as shown in the Table 1.1 below -

The MoU prescribes about 20% of the treated area for evaluation under various plantation models & year of operations.



Table 1.1: Details of Plantation Area selected for evaluation

Sr. No.	Details of Plantation Operation	Total Area of plantation (In Ha.)	Area selected for evaluation (In Ha.)	No. of Sites	% of selected Area	Remarks	Overall %
1	Pre planting (PPO/PYO)	4005.344	768.500	45	19.19	Not evaluated so far	
2	First Year (FYO)	767.842	186.296	14	24.26	Evaluated	
3	Second Year (SYO)	1509.730	295.650	18	19.58	Evaluated	
4	5 <sup>th</sup> Year (5 <sup>th</sup> YO)	673.920	147.690	12	21.91	Evaluated	
5	8th YO (8 <sup>th</sup> YO)	2811.180	561.700	34	19.98	Evaluated	
6	Conditional Plantations	1243.705	262.429	25	21.10	Evaluated	
	Total	11011.721	2222.265	148			20.18

Table 1.2: Circle wise Abstract of Sites Evaluated

Sr. No.	Circle	FYO	SYO	5th YO	8th YO	Conditional	Total
1	Nagpur	2	2	1	14	5	24
2	Chandrapur	1	0	1	2	1	5
3	Amravati	1	3	1	2	0	7
4	Yavatmal	1	3	0	1	1	6
5	Dhule	1	0	1	6	1	9
6	Nashik	4	0	1	2	1	8
7	Pune	1	1	0	3	1	6
8	Thane	1	8	2	1	10	22
9	Kolhapur	0	0	2	3	4	9
10	Gadchiroli	2	1	2	0	0	5
11	Aurangabad	0	0	1	0	1	2
	Total	14	18	12	34	25	103



### Table 1.3: Forest Circle/District/Forest Division wise distribution of 103 sites

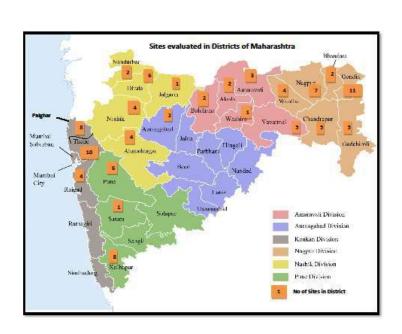
Sr. No.	Forest Circle	District	Forest Division	No. of Sites
1	Thane	Thane	Thane	4
2	Thane	Thane	Shahapur	6
3	Thane	Palghar	Dahanu	5
4	Thane	Palghar	Jawahar	3
5	Thane	Raigad	Alibag	4
Sub Total	1-4			22
6	Nagpur	Nagpur	Nagpur	7
7	Nagpur	Bhandara	Bhandara	2
8	Nagpur	Gondia	Gondia	11
9	Nagpur	Wardha	Wardha	4
Sub Total	6-9			24
10	Kolhapur	Kolhapur	Kolhapur	8
11	Kolhapur	Satara	Satara	1
Sub Total	10-11			9
12	Pune	Pune	Pune	1
13	Pune	Pune	Bhor	1
14	Pune	Pune	Junnar	4
Sub Total	12-14			6
15	Nashik	Ahmednagar	Sangamner	5
16	Nashik	Nashik	East Nashik	1
17	Nashik	Nashik	Malegaon	2
Sub Total	15-17			8
18	Dhule	Dhule	Dhule	6
19	Dhule	Nandurbar	Nandurbar	1
20	Dhule	Nandurbar	Mewasi	1
21	Dhule	Jalgaon	Yawal	1
Sub Total	18-21			9
22	Amravati	Amravati	Amravati	3
23	Amravati	Buldhana	Buldhana	2
24	Amravati	Akola	Akola	2
Sub Total	22-27			7
25	Yavatmal	Yavatmal	Pandharkawada	1
26	Yavatmal	Yavatmal	Pusad	2
27	Yavatmal	Yavatmal	Yavatmal	2
28	Yavatmal	Washim	Washim	1



Total 1-33	103			
Sub Total 3	5			
33	5			
Sub Total 3	5			
32	Chandrapur	Chandrapur	Chandrapur	2
31	Chandrapur	Chandrapur	Central Chanda	1
30	Chandrapur	Chandrapur	Bramhapuri	2
Sub Total 2	29			2
29	Aurangabad	Aurangabad	Aurangabad	2
Sub Total 2	6			

Table 1.4: Area Abstract of 103 Sites

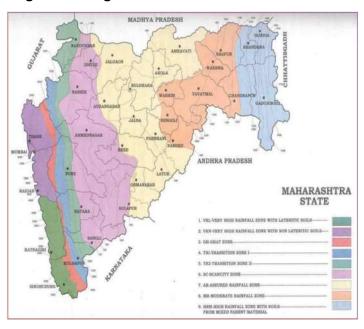
FYO	SYO	5 <sup>th</sup> Year	8 <sup>th</sup> Year	Conditional	Total
14 Sites	18 Sites	12 Sites	34 Sites	25 Sites	103 Sites
186.296 ha.	295.650 ha.	147.690 ha.	561.700 ha.	262.429 ha.	1453.765 ha.



1



Figure 1.2: Agro Climatic Zones of Maharashtra



#### 1.7 Treatment Models for CA:

Table 1.5: CA Treatment Models

Sr. No.	No. of plants per ha.	Spacing in meters	Species
1	2500	2 X 2	Teak
2	625	4 X 4	Bamboo or medicinal trees
3	400	5 X 5	Bamboo, Fodder Trees
4	400+1100	5 X 5	In FYO, Bamboo
		3 X 3	In 5 <sup>th</sup> Year, Tree species
5	1100 or 1111	3 X 3	Tree species of community requirement



# SECTION-2 EVALUATION METHODOLOGY

#### 2.1 Evaluating Agency:

The Sevanivrutt Vankarmachari Sangh, Maharashtra (SEVAK) is entrusted the work of evaluating the plantation sites under CAMPA. The SEVAK is Retired Forest Employees association of Maharashtra. It is registered under Charity Commissioner, Maharashtra and has registration number F-13312, Dated 28-01-1997. It has a registered office located in Pune. The SEVAK has been carrying out various works related to Forest, Social Forestry and Wild Life Management since beginning. The important component of the activities is –

- Evaluation of Forest Development Agencies in Maharashtra
- Preparation of Flora and Fauna Conservation Plan within radius of 10 kms. around the project site / protected areas.
- ➤ Capacity Development and Training of Forest Personnel for strengthening of Forest Management under the JICA Funding Agency.
- ➤ Raising of 50,000 tall, rare medicinal plants at Amravati for supplying the seedlings to FD.
- Evaluation of Jalyukt Shiwar Abhiyan Works executed in forest area of Pune District.
- Preparation of Village Forest Management Plans in Dhule District.
- Printing of 1,000 copies of a forest related book authored by Shri. S. M. Jagtap, DFO (Retd.)
- ➤ Evaluation of CAMPA plantation activities in Maharashtra. The evaluation work is in progress.
- > Publication of quarterly news letter "Nisargawani" upto 2007.

#### 2.2 Constitution of Evaluation Teams:

103 plantation sites were evaluated from 17<sup>th</sup> February 2020 to 5<sup>th</sup> March 2020. A team of two members of SEVAK evaluated the CAMPA plantation sites as under –

Table 2.1: Composition of Evaluation Teams

Team Members	No. of Sites	Area
S. S. Dole and V. B. Patil	9	Satara and Kolhapur Forest Divisions
A. R. Thakre, N. A. Patil and D. B. Patil	12	Thane, Dahanu and Jawahar Forest Divisions
G. P. Garad	4	Alibag Forest Division



G. P. Garad and R. K. Adkar	6	Pune, Bhor and Junnar Forest Divisions
U. Dhopeshwarkar and R. T. More	6	Pandharkawada, Yavatmal, Pusad and Washim Forest Divisions
S. K. Gawali and B. R. Challare	17	Dhule, Shahapur, Sangamner Forest Divisions
P. H. Wagh and D. S. Pawar	8	Nandurbar, Mewasi, Malegaon, East Nashik, Yawal, Aurangabad Forest Divisions
V. S. Bhonsle and S. B. Dabhade	7	Nagpur Forest Division
D. S. Gadpande and A. S. Khune	9	Gondia Forest Division
S. A. Gawande and P. K. Lakade	8	Gondia, Bhandara and Wardha Forest Divisions
S. M. Jagtap and B. T. Fartode	10	Bramhapuri, Wadsa, Chandrapur and Central Chanda Forest Divisions
S. L. Bhagat and V. S. Nimbhorkar	7	Amravati, Akola and Buldhana Forest Divisions
Total	103	

The evaluation team along with the local forest staff visited the plantation sites and evaluated the works as agreed to in the MoU. A standard evaluation format was prepared in consultation with the APCCF, CAMPA for compiling the information for evaluation of the sites.

#### 2.3 Selection of Evaluation Sites:

About 20% of the sites were selected for evaluation considering representation to all forest circles, forest divisions, various treatment models and various year of planting. The broad classification is as under –

<u>PYO / PPO</u> – Total area proposed to be treated for PYO/PPO is 4005.344 ha. Out of this area, an area of 768.500 ha. on 45 sites will be selected for evaluation. However, these sites could not be evaluated in the first phase due to endemic of COVID-19 and inadequate fund flow for execution of the work.

<u>FYO / SYO / 5<sup>th</sup> Year / 8<sup>th</sup> Year / Conditional Plantations works</u> – Total area treated is 7006.377 ha. The year wise area selected for evaluation are as under –

FYO - 14 sites, 186.296 ha.

SYO - 18 sites, 295.650 ha.

5<sup>th</sup> Year - 12 sites, 147.690 ha.

8<sup>th</sup> Year - 34 sites, 561.700 ha.



Conditional Works - 25 sites, 262.429 ha.

The details of site selected for evaluation and its distribution is given in Table No. 1.4 of Chapter – I of the report.

#### 2.4 Methodology of Evaluation:

- Preparation and standardization of evaluation form.
- ➤ Collecting advance information from the field officers of the Forest Department.
- Visiting the plantation sites and geo-mapping of the area.
- ➤ Verification of plantation journals, nursery registers, treatment maps, measurement books and ground truth verification.
- ➤ 3% of the treated area was located in pockets for counting survival of plants, health of the plants, height of plants and girth of plants till the 5<sup>th</sup> and 8<sup>th</sup> year plantations.
- Listing names of the plants artificially planted.
- ➤ Record change in vegetation due to protection in the plantation area in comparison to the control plot outside the plantation area.
- Verification of the information prepared by the field staff, if required.
- List out inspection of plantations by various forest officers.
- ➤ Discuss with the field staff regarding the difficulties faced by them in implementation of the CAMPA programme.
- > The contents of the evaluation form are proposed to be analyzed through the customized Application Software.
- ➤ First draft of the evaluation will be discussed with the APCCF, CAMPA and finalized after his remarks / suggestions.
- ➤ The final draft will be submitted in 5 hard copies.
- Site photographs have been taken for verification.
- ➤ The evaluation shall also take into consideration the evaluation code of Maharashtra Forest Department for inferences or conclusion.



### SECTION-3 LEGAL STATUS OF CA LANDS

#### 3.1 Guidelines for declaring non-forest lands as Forests:

Guideline No. 8.4(ii) of the Gol, MoEF envisages non-forest lands identified for CA should be declared as Protected Forest (now Reserved Forest) to ensure their safety from biological interference. Out of the 103 CA sites evaluated on 1453.765 ha. forest and non-forest land, 82 sites equivalent to 1124.975 ha. have been treated on forest lands and 21 sites equivalent to 328.790 ha. have been treated on non-forest land transferred by Revenue Department to Forest Department. Hence, legal status of non-forest land treated for CA is being focused.

#### 3.2 Non-forest lands declared Forests:

The CAMPA in Maharashtra State has so far treated 7016.377 ha. forest and non-forest land for CA. It can be inferred from the breakup of 103 sites evaluated so far that CA has been carried out on 77.15 ha. forest land and 22.85 ha. non-forest land.

Table 3.1: Status of Declaring non-forest CA lands as Forests

Sr. No.	Forest Circle	Forest Division	Forest Beat	Area (ha.)	Status of declaring Forest
1.	Amravati	Amravati	Vishroli	2.530	No Change
2.	Yavatmal	Washim	Shirputi	24.420	Sec. 4 Notification
3.	Thane	Alibag	Choul	21.260	No Change
		Total FYO		48.210	
4.	Amravati	Buldhana	Deulgaon Sakarsha	6.490	Sec. 20 Notification
5.	Amravati	Buldhana	Deulgaon Sakarsha	27.260	Sec. 20 Notification
6.	Amravati	Akola	Loni	9.670	Sec. 4 Notification
7.	Yavatmal	Pusad	Mudana	3.000	Unclassed Forest
8.	Yavatmal	Pusad	Piranji	25.000	Sec. 4 Notification
9.	Yavatmal	Yavatmal	Mozar	40.850	Sec. 4 Notification
10.	Pune	Junnar	Malthan	11.470	Sec. 4 Notification
11.	Thane	Dahanu	Pochade	7.000	Protected Forest
		Total SYO		130.740	
12.	Amravati	Amravati	Survey	24.500	Sec. 20 Notification
13.	Thane	Dahanu	Kardal	10.000	No Change
14.	Kolhapur	Kolhapur	Kandalgaon	25.880	Sec. 4 Notification
15.	Kolhapur	Kolhapur	Manwad	14.660	No Change
Total 5 <sup>th</sup> Year				75.040	
16.	Amravati	Amravati	Pardi	12.300	Sec. 20 Notification
17.	Amravati	Akola	Sawarkhed	8.730	Sec. 20 Notification
18.	Yavatmal	Yavatmal	Kalamb	3.000	Sec. 20 Notification
19.	Kolhapur	Satara	Kaledhon	4.970	Sec. 4 Notification



20.	Kolhapur	Kolhapur Shembawane		28.500	Sec. 4 Notification
21.	Kolhapur	Kolhapur	Pendakhale	17.300	No Change
		Total 8 <sup>th</sup> Yea	74.800		
	Gra	nd Total 21	328.790		

All the conditional plantation works have been done on forest land. Out of the 21 sites, process of declaring the non-forest land as forest is completed in 16 sites and there is no change in the status of land in 5 sites.



# SECTION-4 QUALITATIVE ANALYSIS

#### 4.1 Choice of species:

The exercise of evaluation data for the 103 sites investigated over the entire state, reveals that 80 sites (77%) the choice of plant species selected for planting were suitable from edaphic, climatic and topographic considerations. Whereas in case of 10 sites (10%) the choice was partly suitable, 11 sites (11%) it was not suitable and 2 sites (2%) the suitability data could not be arrived at or not available.

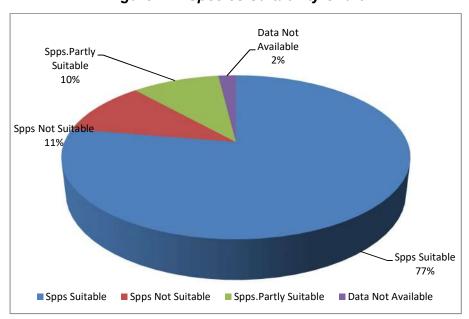


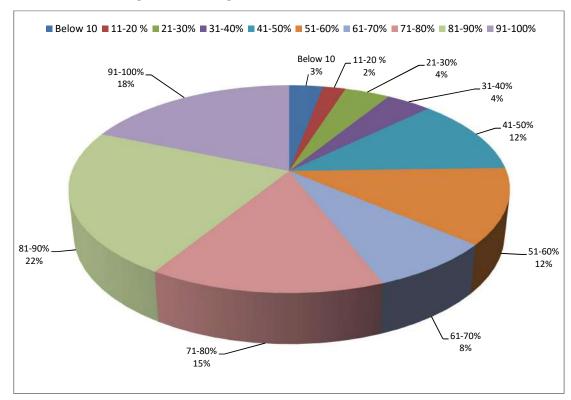
Figure 4.1: Species Suitability Chart

#### 4.2 Plant survival:

- (A) Out of total 103 sites evaluated in phase for FYO to 8th year, 1 site was totally burnt in fire and hence cannot be considered in this analysis.
  - The range of plant survival percentage varies from minimum of 8% to maximum 100%. In case of 2 plantation sites where Bamboo is major spps. the survival is 60% and 81 % and in 3 cases where plantation survival is noted for two plantation stages separately for 1 year and IV year, the range of survival percentage is from 37% to 84%.
- (B) Now coming to state wide scenario of plantation survival is observed that out of 102 sites 42 sites (40.8%) are having more than 80% survival, 23 sites (22.3%) are having 60-80% survival 24 sites (23.3%) are having 40 to 60% survival and 14 site have less than 40% survival.
- **(C)** The overall picture of the state with classification on 10% survival group/class is shown graphically as under.



Figure 4.2: Diagram of No. of sites Vs survival %



#### 4.2.1 Planting Year wise Survival:

The average trend of plantation survival percentage with respect to year of plantation of the sites investigated and the plantation year groups is shown as under.

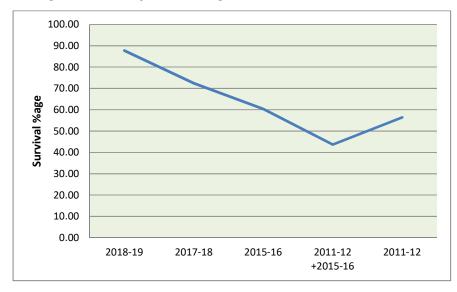
It is observed that, as the plantations gets old there is continuous drop in year wise average survival of plantations with exception of year 2011-12.

Table 4.1: Plantation year wise average survival percent

Year of Planting	Avg. Survival %
2018-19	87.70
2017-18	72.38
2015-16	60.33
2011-12 + 2015-16	43.67
2011-12	56.38
All Years	66.80



Figure 4.3: Graph Showing Year wise Plant Survival



#### 4.3 Plantation species:

The species planted show good mixture of biodiversity of plants. Barring very few sites, the plantations have multiple species and total 66 species are used, which have multiple uses like timber, fruit, fodder, gum and ornamental purpose in particular.

Figure 4.4: Profile of Species planted under CAMPA Project

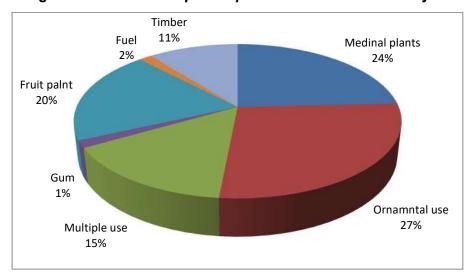




Table 4.2: Local and Botanical Name of Species Planted

Local Name	Scientific Name	Use
Adulsa	Adathoda vesica	Medicinal Plant
Ain	Terminalia tomentosa	Timber plant
Amaltas	Cassia fistula,	Medicinal Plant
Anjan	Hardwickia binata	Multiple use
Apta	Bahunia racemosa	Ornamental plant
Arjun,	Teminalia arjuna	Medicinal Plant
Australian Babhul	Acacia auriculiformis	Ornamental plant
Awala	Embelica officinalis	Medicinal Plant
Babhul	Acacia nilotica	Multiple use
Bamboo	Dendrocalamus strictus	Multiple use
Behada	Teminalia belerica	Medicinal Plant
Behda	Terminalia belerica	Medicinal Plant
Bel	Eagle marmelos	Medicinal Plant
Bhindi	Thespecia populnea	Ornamental plant
Bor	Zizyphus jujuba	Fruit plant
Chandan	Santalum album	Multiple use
Chichwa	Albizzia odoretisima	Ornamental plant
Chinch	Tamarindus indica,	Fruit plant
Chinch(bilayati)	Pithocolobium dulche	Fruit plant
Dhavda	Anogeissus latifolia	Gum plant
Fanas	Articarpus hircutus	Fruit plant
Gliricidia	Gliricidia maculata	Medicinal Plant
Hed	Adina cordifolia	Timber plant
Hirda	Terminalia chebula	Medicinal Plant
Jambhul	Syzygium cumini	Fruit plant
Kalam	Mitragyna parvifolia	Timber plant
Kadamb	Anthocephalus kadamba	Ornamental plant
Kahandol	Sterculia urens	Gum plant
Kaju	Anacardium occidentale	Fruit plant
Kanchan	Bauhinia recemosa	Ornamental plant
Kansar	Acacia amara	Fuel wood plant
Karanj	Pongamia pinnata,	Medicinal Plant
Kashid	Cassia saman	Ornamental plant
Kavath	Feronia elephantum	Fruit plant
Khair	Acacia catechu,	Multiple use
Khaya	Khaya senegalensis	Multiple use



Kokam	Garcina indica	Commercial plant
Kumbhi	Careya arborea	Ornamental plant
Kurashi	Terminalia eleptica	Timber
Maharukh	Ailanthus exclsa	Multiple use
Mango	Mangifera indica	Fruit plant
Mehandi	Lawsonia inermis	Medicinal Plant
Moha	Madhuca latifolia,	Multiple use
Narkya	Nothopodytes nimmoniana	Medicinal Plant
Neem	Azadirachta indica,	Timber plant
Pangara	Erythrina indica	Ornamental plant
Papadi	Holoptelia integrifolia	Ornamental plant
Parkinsonia	Parkinsonia acutangula	Ornamental plant
Patharchur	Plectranthus barbatus	Medicinal Plant
Pimpal	Ficus religiosa	Ornamental plant
Raintree	Cassia saman	Ornamental plant
Ritha	Sapindus emarginatus,	Medicinal Plant
Saptparni	Alstonia scholaris,	Medicinal Plant
Sawar	Bombax ceiba	Ornamental plant
Shatawari	Asparagus recemosus	Medicinal Plant
Shiras (Kala)	Albizia lebbek	Ornamental plant
Shisam	Delbergia latifolia	Timber plant
Shivan	Gmelina arborea	Timber plant
Silver Oak	Grevillea robusta	Ornamental plant
Sissoo	Dalbergia sissoo,	Timber plant
Sitafal	Anonna squamosa	Fruit plant
Subabul	Leucaena leucocephala	Fruit plant
Tadiphal	Borassus flabellifer,	Fruit plant
Teak	Tectona grandis	Timber plant
Umber	Ficus glomerata	Fruit plant
Varas	Hetrophragma quadriloculare	Ornamental plant
Wad	Ficus bengalensis	Ornamental plant

#### 4.4 Growth Analysis:

During the field investigation of the selected plantation sites, the average height of the all the seedlings occurring in the sampled grids were recorded and the average of the height of the seedlings in the plantation were recorded. The data



of all plantations was tabulated and averaged by grouping the plantations year wise and the same is produced below

Table 4.3: Plantation Year wise Average Height of Plants

Year of Planting	Ave. Height (cms)
2018-19	64.32
2017-18	73.48
2015-16	151.57
2011-12	142.92
2011-12 & 2015-16	168.40
All Years (I to VIII)	114.31

Figure 4.5: Year wise Plantation Height Trend



There is slight deep in the plantations where V year stage II planting was not done.

#### 4.5 Health of Plants:

The health status of the plantations for all 103 sites was noted during the investigation. The classification was categorized into 3 classes as Healthy, Semihealthy and Unhealthy bases on value judgment analysis. The burnt plantation site has been classified as unhealthy. About 60 % site are healthy, 21% are semi-healthy and 19 % are unhealthy.

The detailed analysis of the health status has been tabulated in the following table. The analysis reveals that, except the plantations of 2011-12 that were with plantation model of 400+1100 seedling planting, rest of the plantations are

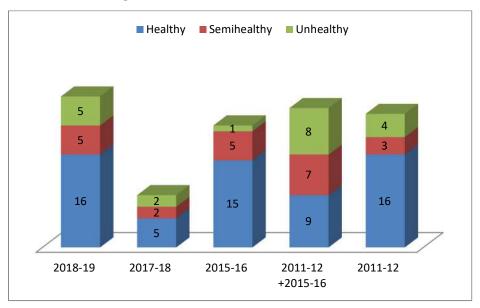


healthy extent of 55% and above with maximum no. of sites seen during 2015-16.

Table 4.4: Year wise Health of Plantations

	Healthy		Semi-healthy		Unhealthy		
Plantation year			No. of		No. of		Total
	No. of sites	%age	sites	%age	sites	%age	Sites
2018-19	16	61.5	5	19	5	19.2	26
2017-18	5	55.6	2	22	2	22.2	9
2015-16	15	71.4	5	24	1	4.8	21
2011-12 +2015-16	9	37.5	7	29	8	33.3	24
2011-12	16	69.6	3	13	4	17.4	23
Total Sites	61		22		20		103
Health Status %	59.2		21.4		19.4		100.0

Figure 4.6: Status of Health of Plants





The 103 plantation sites are graded taking into consideration the average height of plants, general health of plants and survival percentage together. The gradations are as under –

Excellent (A+) - 16 Sites

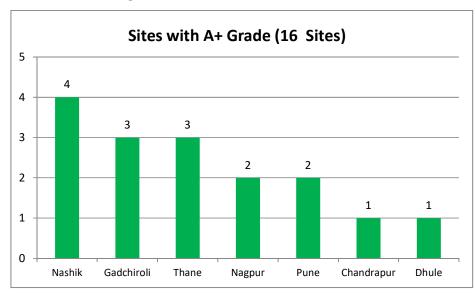
Very Good (A) - 32 Sites

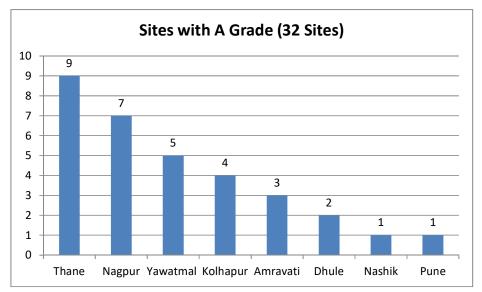
Good (B+) - 29 Sites

Average (B) – 15 Sites

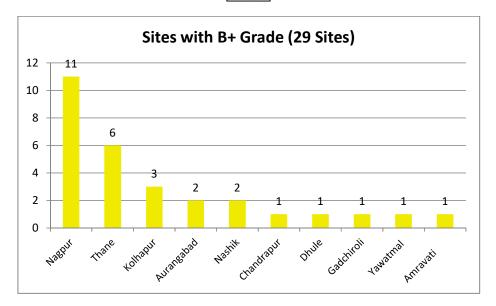
Poor (C) - 11 Sites

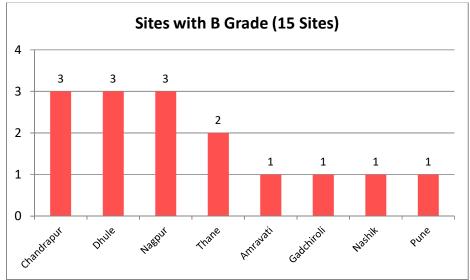
Figure 4.7: Gradation of Plantations

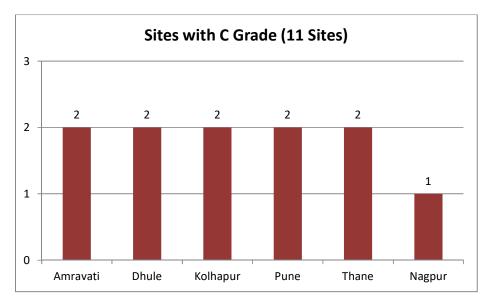














# SECTION-5 SOCIO-ECONOMIC ANAYSIS

#### 5.1 Expenditure:

The area of 103 evaluated sites is 1453.765 ha. The ET could get expenditure figures of 101 sites, equivalent to 1423.945 ha., which is reproduced in the Table 5.1. The total expenditure till the evaluation date of 101 sites is Rs. 21,54,04,171/- @ Rs. 1,52,272.81 per ha. The area of 2 sites is 29.820 ha. The expenditure on the 2 sites is estimated to be Rs. 45,10,955/-. Thus the total expenditure on the 103 evaluated sites is estimated to be Rs. 21,99,15,126/- or say Rs. 22 crores. This is without the unpaid wages from October 2019 because of the non-distribution of the grants to the disbursers.

Table 5.1: CAMPA Plantation Evaluation – Expenditure & Generation of mandays for 101 evaluated sites

Year of Planting	Total Expenditure	MS component (40%)	Wage Component (60%)	Daily wage rate	Mandays created (in '000)
2011-12	85011514	34004606	51006908	200	255.0345
211-12+2015-16	10383664	4153466	6230198	285.46	21.82512
2015-16	43766522	17506609	26259913	285.46	91.99157
2017-18	44725206	17890082	26835124	327	82.0646
2018-19	31517265	12606906	18910359	327	57.82984
Total	215404171	86161668	129242503		508.7457

#### 5.2 Employment:

Assuming 40% expenditure on Material Cost and 60% expenditure on wages, the break-up of Rs. 22 crores is as follows –

Material Cost – Rs. 8.8 crores

Wages - Rs. 13.2 crores

The plantation programme, it is estimated to create employment of 5,19,610 man days in rural, remote, backward and mostly tribal areas during last 8 years.

#### 5.3 Maintenance of Financial Records:

- 1) The availability of financial record for plantation activity for evaluation purpose had been difficult task for the ET in most of the circles, in-spite of the fact that prior intimation to make the records available was sent well in advance to all the CCFs and ground staff. Such response makes us infer that, a full proof method be devised to monitor this record on the online basis digital form for better monitoring, planning and control.
- 2) Cash book was complete for 74 sites (72 %). In case of 25 sites, it was not available as the record was sent for audit by CA. However, in case of



- Kolhapur circle, for 3 sites it was reported to be incomplete and in Nagpur circle, it was incomplete for 1 site.
- 3) MB of works is one of the most important record of any forestry works. It was observed that in case of 17 sites, it was incomplete and in case of 7 sites it was not made available to ET. The actual status be verified by the concerned authorities. The circle wise information of the MBs to take cognizance is as below –

Table 5.2: Status of Incomplete MBs

Circle	Incomplete	Not available
Amaravati	1	
Chandrapur	2	
Dhule	2	
Kolhapur	3	1
Nagpur	6	3
Pune		3
Thane	2	1
Yavatmal	1	
Total	17	7

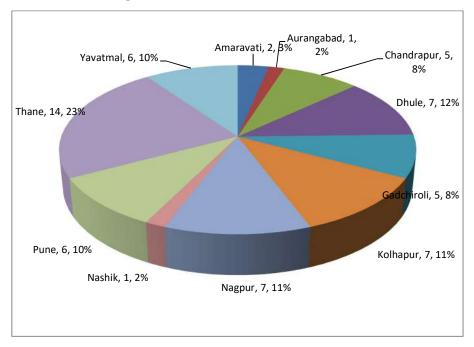
4) The data regarding audit of accounts done revealed that, out of 103 site, no audit has been done in respect of 61 sites (59 %), the circle wise break up is as under.

Table 5.3: Status of Audit

Circle	Nos. Sites of Audit not done
Amaravati	2
Aurangabad	1
Chandrapur	5
Dhule	7
Gadchiroli	5
Kolhapur	7
Nagpur	7
Nashik	1
Pune	6
Thane	14
Yavatmal	6
Total	61



Figure 5.1: No. of Sites Audit not done



#### 5.4 Gender Issues:

Maximum works of Nursery, planting, weedings and soil working were carried out by female workers, while the male workers carried out works of digging pits, pit filling, TCM and SMC works. The participation of female workers is about 60% and male workers about 40%. Thus the role of female workers in creating the plantation assets is larger.

#### 5.5 Difficulties of Field Staff:

The frontline staff has not been properly trained in preparation of treatment map, maintenance of measurement books, plantation registers etc. Special training sessions need to be organized at Forest Circle or Forest Division level to train the ground staff. The most important difficulty of the field staff is non-payment of wages from October 2019 onwards in most of the sites. No grants were made available for disbursement. The 45 sites selected for evaluation of PYO/PPO works, evaluation could not be done due to non-execution of the works and lock down period. If the works are executed, evaluation of 45 sites can be carried out at appropriate time.



#### ANNEXURE - I MEMORANDUM OF UNDERSTANDING IN MARATHI

#### समझोता अभिलेख

हा समझोता अभिलेख अपर प्रधान मुख्य वनसंरक्षक,तथा मुख्य कार्यकारी अधिकारी (महा.कॅम्पा) महाराष्ट्र राज्य नागपूर,यांचेद्वारे पर्यायी वनीकरण निधी अंतर्गत महाराष्ट्र राज्य वनविभागातील रोपवनांचे मूल्यांकन करणेबाबत करण्यात येत आहे.

अपर प्रधान मुख्य वनसंरक्षक,तथा मुख्य कार्यकारी अधिकारी (महा.कॅम्पा ) महाराष्ट्र राज्य नागपूर,यांना यापुढे पक्ष -१ म्हणून संबोधण्यात येईल. आणि सेवानिवृत्त वनकर्मचारी संघ,("सेवक")महाराष्ट्र, यांना पक्ष-२ म्हणून संबोधन्यात येईल. यानुसार पक्ष-१ आणि पक्ष-२ यांच्यामध्ये हा समझोता करण्यात येत आहे.

- पक्ष-१ यांनी महाराष्ट्र राज्यातील निश्चित केलेल्या वन वृत्तातील पर्यायी वनीकरणाचे मूल्यांकन पक्ष-२ हे करतील.
- 2) पक्ष-१ हे महाराष्ट्र राज्यातील निश्चित केलेल्या वन वृत्तातील पर्यायी वनीकरणाचे मूल्यांकन करावयाच्या रोपवनांची यादी पक्ष-२ यांना पुरवितील.
- पक्ष-२ सन २०१०-११ ते सन २०१९-२० या कालावधीतील रोपवनाचे प्रत्येक वनवृत्तातील निश्चित केलेल्या रोंपवन क्षेत्रापैकी २० % रोंपवन क्षेत्राची निवड मूल्यांकन करीता करतील. असे क्षेत्र निवड करितांना वनीकरणाचे वर्ष, वनीकरणाचा नमूना सर्व साकल्याने विचारात घेन्यात येईल.
- 4) पक्ष-१ व पक्ष-२ यांचे संमतीनुसार वृत्तवार मूल्यांकनाचा कालावधी ठरविण्यात येईल.
- 5) क्षेत्रीय मूल्यांकन कामे करण्याकरिता पक्ष-१ यांनी पक्ष-२ यांना क्षेत्रीय कर्मचारी,वनमजूर आणि जी.पी.एस. यंत्रणा या सुविधा उपलब्ध करून द्याव्यात.
- मूल्यांकनासाठी निवडण्यात आलेल्या रोंपवन क्षेत्राचे ३ % क्षेत्र, लागवड केलेल्या जीवंत रोपांची संख्या, सरासरी ऊंची आणि वाढ याकरिता निवडण्यात येवून त्याची आकडेवारी अहवालात देण्यात येईल.
- क्षेत्रीय मूल्यांकन करिता वनवृत्त मुख्यालय ते वनीकरण क्षेत्र पर्यन्त अंतर्गत प्रवास व्यवस्था व निवास व्यवस्था(वन विश्राम गृह,विश्राम गृह किंवा क्षेत्रात निवासयोग्य स्थळ )पक्ष-१ यांनी पक्ष-२ यांना करून द्यावयाची आहे.
- अ प्रत्येक वन वृत्तातील क्षेत्रीय कामे सुरू झाल्यानंतर १५ ते २० दिवसात मूल्यांकन कामे पक्ष-२ कडून पूर्ण करण्यात येईल,त्यानंतर ईतर लागणारी पूरक माहिती प्राप्त झाल्यानंतर १ महिन्याचे आंत प्राथमिक मूल्यांकन अहवाल देण्यात येईल.
- प्राथमिक अहवालावर गरज भासल्यास पक्ष-१ चे संबंधित वृत्त अधिकाऱ्यांशी चर्चा करून त्यानंतर अंतिम मूल्यांकन अहवाल देण्यात येईल.
- 10) मूल्यांकन अहवाल इंग्रजी भाषेत एकूण 6 प्रतिमधे तयार करून देण्यात येईल.
- ा) पूर्व पावसाळी,प्रथम वर्ष,द्वितीय वर्ष,पाचवे वर्ष,आठवे वर्ष आणि प्रस्तावित अटी(Conditional Plantation) नुसार करण्यात आलेल्या एकूण रोपवण क्षेत्र-११०११.७३१ हेक्टर पैकी निवडलेले क्षेत्र-२२३०.५० (२०.२५ %) चे मूल्यांकन पोटी एकूण मूल्यांकन शुल्क रु. १२.५० लक्ष व त्यावरील देय कर (सेवा व वस्तु कर व शासन नियमानुसार इतर जे देय असतील) पक्ष १ हे पक्ष दोन यांना खाली नमूद अटीनुसार वितरित करतील.
- 12) एकूण मूल्यांकन किंमतीच्या ५० % रक्कम हि पक्ष-१,पक्ष-२ यांना क्षेत्रीय कामे सुरू करण्यापूर्वी अदा करतील.

Amy

71100



- 🕦 क्षेत्रीय कामे पूर्ण झाल्यानंतर २५ % रक्कम हि पक्ष-१,पक्ष-२ यांना अदा करतील.
- अंतिम मूल्यांकन अहवाल सादर केल्यानंतर ७ दिवसाचे आंत उर्वरित २५ % रक्कम पक्ष-१, पक्ष-२ यांना अदा करतील.
- 15) प्रथम सत्रात (दी. १७ फेब्रुवारी ते २९ फेब्रुवारी २०२०) प्रथम वर्ष,द्वितीय वर्ष,पाचवे वर्ष,आठवे वर्ष आणि प्रस्तावित अटी नुसार (Conditional Plantation) रोपवनाचे मूल्यांकन करण्यात येईल. नैसर्गिक आपत्ती,वृत्ताकडून रोपवना करिता आवश्यक माहिती न मिळणे,आकस्मिक घटना इत्यादीमुळे सदर कालावधीत बदल किंवा वाढ होवू शकेल.
- 16) पूर्व पावसाळी कामे, द्वितीय सत्रात(एप्रिल महिन्यात) कामे पूर्ण झाल्याची माहिती आपणाकडून पक्ष -२ यांना प्राप्त झाल्यानंतर करण्यात येतील.
- 17) मूल्यांकन केल्यानंतर त्याची परीस्थिति मूल्यांकन चमू द्वारे पक्ष -१ यांना दुसऱ्या दिवशी अवगत करण्याची दक्षता घेण्यात येईल. त्याकरिता संकलन करण्यास (ई-मेल किंवा व्हाट्स-अप ) आपले कार्यालयातील एक समन्वयक उपलब्ध करून देण्यात यांवे.

दिनांक - 3 फेब्रुवारी 2020

भीर्भ '७ ३ शिश्वास्त्र (संजीव गौड)

अपर प्रधान मुख्य वनसंरक्षक तथा मुख्य कार्यकारी अधिकारी (महाकॅम्पा) महाराष्ट्र राज्य, नागपूर पक्ष-१ (सं.म.जगताप) समन्वयक सेवानिवृत्त वनकर्मचारी संघ महाराष्ट्र पुणे पक्ष-२

समक्ष

S:D: Wadhai 3/2/2020

BIT. FARTOD E)
Ret D.F.D.



#### ANNEXURE - II GOVERNMENT OF MAHARASHTRA LETTER

#### Government of Maharashtra

By Speed Post

No.CAMPA-2019/CR-269/F-10 Revenue and Forest Department. Huratma Rajguru Chowk, Madam Cama Road, Mantralaya, Mumbai-400 032. Date: 18 /02/2020

To,
The Deputy Chief Executive Officer. National Authority, Ministry of Environment, Forests & Climate Change, Government of India. Indira Paryawaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110 003.

Subject: Meeting on CAMPA issues in Cabinet Secretariat-reg.

Reference: 1) Your office letter File, NA.-1/2/2020 NA, Dated 31.01.2020. Additional Principal Chief Conservator of Forests & Nodal Officer, Maharashtra State, Nagpur, letter No. Desk-CAMPA/C.R.13/2019-20/635, Dated 04.02.2020,

Sir.

Kindly refer the letters cited above. Government of India has sought inputs regarding distribution of CAMPA Funds vide above referred letter No.1.

In accordance with the CAF Act, 2016 and the Rules made thereunder the Central Government vide letter dated 29/08/2019 has formally transferred an amount of Rs.3844,24,19,155 to the State Government as per the following details.-

10114621156
10114021130
1632189462
341220845
20023169525
4416667157
1914551010
38842419155

- As per the provisions of the CAF Rules, the said amount has been deposited through the State Finance Department in the non-lapsable and interest bearing Public Account of the State.
- It is further submitted that CAMPA Act and CAMPA Rules stipulate for the utilization of CAMPA funds as per the duly approved Annual Plan of Operations (APO). In fact, the financial year 2019-20 is the first financial year during which the functioning under the CAMPA is being regulated as per the CAF Act, 2016 and the Rules made thereunder.
- The APO for the year 2019-20 was duly submitted to the National Authority after due scrittiny at the level of Executive Committee headed by the Principal Chief Conservator of Forests (Head of Forest Force) and the approval of the Steering Committee headed by the Chief Secretary. The National Authority in its meeting held on 15th July, 2019 accorded approval to the APO to the tune of Rs.499.38 Crores.
- However, the funds were transferred by the Central Government after the Monsoon Session of the State Legislature, the Supplementary Demand could only be placed in the Winter



- Considering the time period left in the year 2019-20, the Supplementary Demand to the
  time of Rs.389.40 Crore was submitted for the approval of the State Legislature. The State
  Legislature has approved an amount of Rs.189.40 Crore, which will be released to state authority
  very soon.
- The APO for the year 2020-21 has been ratified by the Executive Committee in its meeting held on 31st January, 2020, the same shall be placed before the Steering Committee at the earliest. Thanking You.

Yours faithfully,

(Arvind Aple)

Joint Secretary to the Government of Maharashtra

Copy to:-

1. APCCF & Chief Executive Officer, Maha-CAMPA, Nagpur.



# ANNEXURE-III ABSTRACT OF 103 EVALUATED SITES



1<sup>st</sup> Year Works: Site No. 1-14

## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Vishroli

Place- Survey No.323, 334

Beat- Vishroli Round- Shirajgaon

Range- Paratwada Forest Division- Amravati

Forest Circle- Amravati

Area of Treatment- Plantation: 2.530 Ha. GPS: Polygon: 2.480 Ha.

Difference- Less 0.050 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Gentle Available vegetation (Local Names)- Bor, Grasses - Petha, Ganjar Gawat

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Jambhul, Bamboo, Nim, Papda, Awala, Chinch

C. Survival & Status

Site suitability
Suitability of species plantedPlant survival percentageAverage Height of plants
Average girth of plants
General Health of Plants
Semi-healthy

Sustainability- As the plantation area is surrounded by agricultural fields, it is

well protected from illicit grazing.

D. Protection-

Fencing Status- TCM - 945 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1637.11/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Not Obseved



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Not Available

Financial audit- Done. Year - 2018-19

Fund pattern- The funds received are utilized timely.

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Presently successful. But for casualty replacement in the next

year tall plants should be used.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Bramhapuri
Place- SR.NO. 139/ 849

Beat- Bramhapuri Round- Bramhapuri

Range- North Bramhapuri Forest Division- Bramhapuri

Forest Circle- Chandrapur

Area of Treatment- Plantation: 2.270 Ha. GPS:Polygon: 2.460 Ha.

Difference- Excess 0.190 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- NR Density- Less than 0.2 Slope- Gente

Available vegetation (Local Names)- Bor, Kusal

**B.** Plantation Details

Model - 2500 plants/ha.

Spacement-  $2.0 \times 2.0$ 

Treatment Map- Not as per giide lines
Soil Zone- Zone-I, Zone-III, Zone-III

Species selected for planting- Aola, Neem, Hirda, Behda, Jambhul, Kawath

C. Survival & Status

Site suitability- Soil is degraded, hard & no moisture retention capacity. Earlier

it was encroached land for human habitation. Selection of medicinal plantation model with 2500 plants/Ha. on refractory

soil is not justified.

Suitability of species planted- No, Soil strata is hard muroom & hardened due to pasturing

of domestic animals & encroachment for houses by villagers. No moisture in soil & Medicinal plantation with 2500 plants /

Ha. without watering facilities will not sustain.

Plant survival percentage- 97% Average Height of plants- 56 cm

Average girth of plantsGeneral Health of PlantsSustainabilityLess than 5 cm.
Semi-healthy
Will not sustain

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 850 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1468.87/-

Execution of the work- Work Not Done
Expenditure/Payment of the work- Rs. 0.00/-



Grazing- Prior plantation, area was under encroachment. Still one hut

inside plantation could not be removed. ACF informed that the

case is pending in court. Very panic situation.

E. Monitoring

Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- Funds are allotted to RFO after requisition from them only.

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

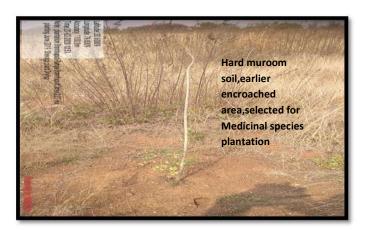
Reasons for success/ Failure- Target oriented approach must be discarded. Allotment of

funds for site specific estimates as per direction from PCCF

vide letter Dtd.1.4.2015 is essential.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode







## SITE WISE EVALUATION ABSTRACT

A. Description of site1

Name of Site- Hatti BK

Place- Component No- 352-353

Beat- Hatti BK Round- Mhasale
Range- Sakri Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 6.500 Ha. GPS:polygon: 15.000 Ha.

Difference- Excess 8.500 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- V1 - Normal Density- 0.3 RF Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Shruby forest of kansan, Babhul, Bor, Hivar, Prosopis, Ghaneri,

Grasses - Kusal

**B.** Plantation Details

Model - 1600 plants/ha.

Spacement-  $2.5 \times 2.5$ Treatment Map- Yes

Soil Zone-I, Zone-II

Species selected for planting- Neem, Kawath, Sissoo, Khair, Aawala, Chinch, Bamboo

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Partly. No Bamboo is not suitable for this location

Plant survival percentage- 90%
Average Height of plants- 45 cm
Average girth of plants- 4 cm
General Health of Plants- Healthy

Sustainability- It will be sustainable provided it is protected from biotic

pressures.

D. Protection-

Fencing Status- TCM - 710 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Sanctioned estimate/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Up-to-date

Cash Book- Not available due to audit by CA

Financial audit- Not Done

Fund pattern- Funding to carryout the plantation operations is main the

motivating factor to staff in the field

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chainlink fencing is recommended.

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sakhara

Place- Comptt. No.4B

Beat- Sakhara Round- Porla

Range- Porla Forest Forest Division- Wadsa

Forest Circle- Gadchiroli

Area of Treatment- Plantation: 25.000 Ha GPS: polygon: 32.400 Ha.

Difference- Excess 7.400 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IVB Density- Less than 0.4, Slope- Gentle

Available vegetation (Local Names)- Khair, Neem, Moha, Garadi, Ain, Bhirra, Bel, Hirda, Arjun,

Semal, Tendu, Shindi, Bor, Amaltas, Ritha, Shisam, Sisoo, Salai,

Garadi, Rohan, Tendu, Ukshi, Chiman Chara, Kusal

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Khair, Holoptelia integrefolia, Albizia, Embelica oficinalis,

Neem, Tamarindus, Sisoo, Pongamia pinnata, T. belerica, Arjun,

Bamboo, Cassia fistula, Sapindus, Delbergia latifolia

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
92%
43 cm
4.5 cm
Healthy

Sustainability- Hardy species & very good protection & physical works.

Sustain

D. Protection-

Fencing Status- Barbed Wire / Chain Link -  $2 \times 295 \times 50$  Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 18038.50/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 9

Plantation registerMeasurement BookCash BookFinancial auditUp-to-date
Up-to-date
Not Done

Funds are allotted to RFO after requisition from them only.

## . Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good quality of physical works. Selection of indegeneous

species. 18 months old plants used for planting. Best

protection. Timely operations.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode





## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Armori (Sukala)

Place- 712

Beat- Sukala Round- Vairagad
Range- Armori Forest Division- Wadsa

Forest Circle- Gadchiroli

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 36.500 Ha.

Difference- Excess 11.50 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Khair, Neem, Moha, Bija, Ain, ,Bel, Arjun, Tendu, , Bor,

Garadi, , Tenndu, Ukshi, Chiman Chara, Kusal, Amarvel

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Khair, Albizia, Embelica oficinalis, Neem, Tamarindus, Sisoo,

Arjun, Maligna arborea, Eagle marmelos, Bija

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
100 cm
4 verage girth of plantsHealthy

Sustainability- Hardy species & very good protection & physical works.

Sustain

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 2700 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 18038.50/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 2, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- Funds are allotted to RFO after requisition from them only.

## F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good quality of physical works. Selection of indegeneous

species. Sturdy plants used for planting. Best

protection. Timely operations

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sasegaon

Place- Sr.No.47 (Comp.382)

Beat- Kolarmet Round- Makardhohada Range- North Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 3.416 Ha. GPS: Polygon: 4.087 Ha.

Difference- Excess 0.671 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.1 Slope- Gentle

Available vegetation (Local Names)- Degraded Sites

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ 

Treatment Map- Yes.(Grid map is available)

Soil Zone- Zonation not done

Species selected for planting- Teak, Aola, Bamboo, Tendu, Khair, Behada, Kavath

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Species Ritha, Umber, Kawath, Chinch, Arjun are not suitable

for this area.

Plant survival percentage- 74% Average Height of plants- 35 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Unsustainable

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 2333.33/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Not recorded



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 4, RFO - 3

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19

Fund pattern- Some times funds are received late.

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Present success is just due to survival. But 60 % species are not

suitable & may not sustain. More wildlife damage.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kolarmal (Salai)

Place- Survey No.227 (Mouje Salai)

Beat- Kolarmet Round- Makardhohada Range- North Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 26.140 Ha.

Difference- Excess 3.400 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- Yes

Site quality- Normal Density- Open 0 density Slope- Gentle

Available vegetation (Local Names)- Degraded Sites

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone- Zonation not done

Species selected for planting- Jambhul, Teak, Chinch, Bamboo, Amaltash, Bel, Moha, Sitafal,

Ain, Anjan, Behada, Khair, Neem, Umbar

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes
86%
46 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- It will sustain if monitor properly in future.

D. Protection-

Fencing Status- TCM - 2 × 2 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 17076.50/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Not observed



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 4, RFO - 3

Plantation register- Up-to date

Measurement Book- MB not produced

Cash Book- Up-to date

Financial audit- Done. Year 2018-19

Fund pattern- Due to some technical problem, funds are not received timely

as complained by labours.

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Watering the plants is recommended. 2) Instead of TCM,

chainlink fencing is recommended for better success.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Waghapur Place- Gat No- 264/1

Beat- Pisewadi Round- Lingdev

Range- Akole(T) Forest Division- Sangamner

Forest Circle- Nashik

Area of Treatment- Plantation: 7.000 Ha. GPS: Polygon: 10.540 Ha.

Difference- Excess 3.540 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- Yes Received as compensatory land- No

Zudpi Jungle- No

Site quality- V Density- less than 0.1 Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Babhul, Hivar, Grasses-Kusali, Tikandi, Maevel, Lalginda,

**Pawany** 

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Wad, Pimpal, Neem, Kanchan, Wavala, Awala, Karanj,

Jambhul, Kawath, Chinch, Bhokar

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
88%
80 cm
Formal Health of PlantsHealthy

Sustainability- Will be sustainable provided it remains protected.

D. Protection-

Fencing Status- Live Hedge - 378 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 71723.40/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 73735.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 3

Plantation register- UP-to-date Measurement Book- Up-to-date

Cash Book- Incomplete Not made available

Financial audit- Done. Year 2019-20

Fund pattern- The RFO i/c informed that, works like SMC , TCM etc were not

carried out for want of funds from superiors.

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Timely realease of funds is recommended.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Ghargaon Place- 187

Beat- Ghargaon Round- Ghargaon

Range- Sangamner-1 Forest Division- Sangamner

Forest Circle- Nashik

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 26.000 Ha.

Difference- Excess 17.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- VI Density- 0.1 RF Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Subabhul, Nilgiri, Neem, Bor, Babhul, Khair, Ajan, Maharukh,

Hivar, Grass- Dongari, Kalikusal, Tikand, Herb, Godhadi, Sheda

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Awala, Neem, Sissoo, Chinch, Umbar, Sitafal, Apta,

Wavala(Papadi) Pimple, Kanchan, Khair

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Yes Partly. Umbar and Pimpal are not suitable

Plant survival percentage- 100%
Average Height of plants- 54 cm
Average girth of plants- 4.5 cm

General Health of Plants- Semi-healthy

Sustainability- Sustainable due to good local support and good public

relations.

D. Protection-

Fencing Status- Live Hedge - 1020 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 102462.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 102462.00/-



Inspection of Plantations- APCCF - 0, CCF - 1, DCF - 0, ACF - 2, RFO - 2

Plantation register- UP-to-date Measurement Book- Up-to-date

Cash Book- Sent to pune for audit

Financial audit- Not Done

Fund pattern- Irregular funding pattern , no funds received for last 11

months

# F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1)To increase tree cover in this murumy and rocky site

Glyrecidia may be planted as coloniser and soil improver. 2) The concept of grass /fodder bank be introduced to

strengthen benefits forest ecosystem services.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Manyale

Place- Compartment No:147-D

Beat- Pisewadi Round- Lingdev

Range- Akole(T) Forest Division- Sangamner

Forest Circle- Nashik

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 38.000 Ha.

Difference- Excess 13.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- V Density- less than 0.1 Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Neem, Babhul, Nilgiri Teak, Hivar, Kashid, Anjan, Wasansad,

Grass- Kusali, Sheda, Pawahy, Surud, Tikand

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Karanj, Wad, Wavala, Kavath, Pimpal, Sissoo, Neem

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedYes.
Plant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsHealthy

Sustainability- Will be sustainable only if provied with chain link fencing is

provided.

D. Protection-

Fencing Status- Live Hedge - 1350 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 256155.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 102462.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 3, RFO - 3

Plantation register- UP-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date

Financial audit- Done. Year 2019-20

Fund pattern- for PPO/PYO there was shortage of funds and for FYO,there

are no funds made available

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chain link fencing is recommended.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare





## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sawarchol

Place- Compartment No:90-B

Beat- Sarwarchol Round- Pemgiri

Range- Sangamner I Forest Division- Sangamner

Forest Circle- Nashik

Area of Treatment- Plantation: 8.000 Ha. GPS: Polygon: 25.000 Ha.

Difference- Excess 17.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- V Density- less than 0.1 Slope- Heavy

Available vegetation (Local Names)- Babhul, Neem, Khair, kashid, Glytecidia, Sitafal, Cantana,

Karwad, Gross-Kusali, Pawanya, Suard, Kali Kusal

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Neem, Bor, Kanchan, Chinch, Sitafal, Wad, Umbar,

Papadi(Wavala), Sissoo

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
96%
58 cm
France Second Seco

Sustainability- Sustainable due to good protection.

D. Protection-

Fencing Status- TCM - 834 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 81970.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 81970.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 2, RFO - 1

Plantation register- UP-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date

Financial audit- Done. Year 2019-20 Fund pattern- No funding so for FYO

. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chainlink fencing is recommended as area is very close to

village.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Bori Pardhi (Dhaigudewadi)

Place- 464

Beat- Varvand Round- Varvand Range- Daund Forest Division- Pune

Forest Circle- Pune

Area of Treatment- Plantation: 1.000 Ha. GPS: Polygon: 1.000 Ha

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Degraded land Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Tree, Grass

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- No

Soil Zone-I, Zone-II

Species selected for planting- Wad, Peepal, Sirsoo, Bhindi, Neem, Kanchan etc.

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
91%

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Too early to predict

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Funds not received for FYO operations.

. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Since area is small so no comment

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Varande
Place- Gat No.155

Beat- Choul Round- Nagaon

Range- Alibaug Forest Division- Alibaug

Forest Circle- Thane

Area of Treatment- Plantation: 21.160 Ha. GPS: Polygon: 21.160 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Available vegetation (Local Names)- Trees, Grass

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Aola, Jamun, Khair, Karanj, Chinch, Kaju, Sisoo, Teak, Bohwa,

Apta, Hirda, Bor, Bamboo, Umber etc.

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
99%
74 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- As is gochar land there was rift bet. Dept. & people but now

tension is eased out.

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 5 × 500 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 14456.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 14456.00/-

Grazing- Not seen



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 2, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- Whatever funds received spent in time but fund flow is not

regular as Rs.12 × 237/- payment is pending

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- It is gochar land needs support of local people. Such lands

should not be accepted for CA, programs as there is always rift

as people loose their right of grazing

G. Date of Evaluation 25 Feb 2020

Name of Evaluators Mr. G. P. Garad







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Jaipur Dhilli Place- Gat No. 3

Beat- Shirputi Round- Washim

Range- Washim Forest Division- Washim

Forest Circle- Yawatmal

Area of Treatment- Plantation: 24.420 Ha. GPS: Polygon: 24.420 Ha.

No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Density- Less than 0.1 Slope- Gentle

Available vegetation (Local Names)- Trees Teak, Palas, Pimple, Neem. / Shrubs Chilati, Barhati. /

Grass Marvel

**B.** Plantation Details

Difference-

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Teak, Karanj, Neem, Awala, Chinch

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plantsSuitabilityYes
94%
38 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Peinganga river is far nearer to plantation, andthere is water

provision in estimate- If this fund utilized better way for lift the water directly through river , water problem can be solve permanently which result in improving the growth of the

plants

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 16680.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 16680.00/-

Grazing- No grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- In first year funds available in time but this year funds are

received yet

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Painganga river is far nearer to the plantation, and there is

water provision in estimate. If this fund could have been utilized better way to lift the water directly through river, water problem can be solved permanently which result in

improving the g

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More





2<sup>nd</sup> Year Works: Site No. 15-32

## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Mazod
Place- Gat No.304

Beat- Loni Round- Akola

Range- Akola Forest Division- Akola

Forest Circle- Amravati

Area of Treatment- Plantation: 9.670 Ha. GPS: Polygon: 7.659 Ha.

Difference- Less 2.010 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Gentle

Available vegetation (Local Names)- Pawnya, marvel, kunda pokli, gondali, shrubs- Bor Trees -

Neem, Palas, Hiwar, Bor

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{3} \times \mbox{3} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Sisoo, Neem, Karanj, Teak, Khair

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
88%

75 cm
< 5 cm.
Healthy

Sustainability- If protected from fire & grazing by wild animal it will be a good

plantation

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 1420 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 5963.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6166.00/-

Grazing- Not Obseved



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- up-to-date

Measurement Book- Up-to date But Not in prescribe From Cash Book- Up-to date / In complete Not Available

Financial audit- Not Done

Fund pattern- Fund utilized timely.

## F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Protection from grazing is must. Along the barbed wire fencing

thorny species seed should be sown to minimize the grazing

by wild animals

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Deulgaon Sakarsha Place- Gat No. 535 to 550

Beat- Deulgaon Sakarsha Round- Mandwa

Range- Ghatbori Forest Division- Buldhana

Forest Circle- Amravati

Area of Treatment- Plantation: 27.260 Ha. GPS: Polygon: 31.546 Ha.

Difference- Excess 4.285 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Not Applicable Density- Not Applicable Slope- Heavy

Available vegetation (Local Names)- Kuslali, Pawanya Tikhadi, H/s Shrubs- Chilhr, Bor Trees -

Anjan, Palas

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- Planting on trenches

Treatment Map- Yes
Soil Zone- Zone-I,

Species selected for planting- Khair, Karanj, Papda, Sitafal, Awala, Amaltas, Teak, Neem,

Sisoo, Bomboo Chinch, Babul, Bor, Kanchan

C. Survival & Status

Site suitability- NR
Suitability of species planted- Yes
Plant survival percentage- 10%
Average Height of plants- 42 cm
Average girth of plants- < 5 cm

General Health of Plants- Semi-healthy

Sustainability- protected from fire & grazing by wild animal it will be a good

plantation

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 1350 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 21234.90/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 17471.00/-

Grazing- Not Observed



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 0, RFO - 1

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Up-to date / Incomplete Not Available for inspection

Financial audit- Done. Year 2018-19

Fund pattern- Fund received till now are utilized properly & timely. SYO fund

not received.

F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Shallow soil, No NR or Grass. Timely operations delayed due to

non availability of funds.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







## SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Deulgaon Sakarsha

Place- Gat No 577

Beat- Deulgaon Sakarsha Round- Mandwa

Range- Ghatbori Forest Division- Buldhana

Forest Circle- Amravati

Area of Treatment- Plantation: 6.490 Ha. GPS: Polygon: 7.659 Ha.

Difference- Excess 0.169 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Not Applicable Density- Not Applicable Slope- Heavy

Available vegetation (Local Names)- Kusali, Pawanya, Marvel, Trees Chilhar, Bor, Babhul an Palas

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- No

Soil Zone- Zone II-3 Ha., Zone III-3.49Ha.

Species selected for planting- Chich, Maharukh, Sisoo, Bor, Awala, Siras, Teak, Khair, Papda,

Neem, babul, and Kanchan

C. Survival & Status

Site suitability- NR
Suitability of species planted- Yes
Plant survival percentage- 84%
Average Height of plants- 35 cm
Average girth of plants- < 5 cm
General Health of Plants- Unhealthy

Sustainability- protected from fire & grazing by wild animal it will be a good

plantation

D. Protection-

Fencing Status-  $TCM - 5 \times 56 \text{ Rmt.}$ 

Fire- Amount Sanctioned in the estimate- Rs. 4158.53/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4853.00/-

Grazing- Not Observed



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Up-to date / Incomplete Not Available for inspection

Financial audit- Done. Year 2018-19

Fund pattern- Till FYO Funds received Timely. SYO Funds not Received it may

hamper the survival of plantation.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good quality of Physiacal operations, Protection from domestic

animals, but wildlife damage is more.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Wadegaon
Place- Comptt. No.148

Beat- Wadegaon Round- Kurkheda Range- Kurkheda Forest Division- Wadsa

Forest Circle- Gadchiroli

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 27.310 Ha.

Difference- Excess 2.310 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Khair, Neem, Moha, Ain, Bel, Arjun, Tendu, Bor, Garadi,

Tenndu, , Chiman Chara, Kusal, Amarvel

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Albizia, Embelica oficinalis, Neem, Tamarindus, Sisoo, Arjun,

Maligna arborea, Eagle marmelos, Madhuca latifolia, Syzegium

cumini, Bamboo

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
92%
92%
Som
90 cm
Semi-healthy

Sustainability- Hardy species & very good protection & physical works.

Sustain

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 2395 × 50 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 19981.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 17139.00/-

Grazing- Yes, villagers tried to break Barbed wire fencing to allow

grazing and trespass up to adjoining water body outside

plantation. Field staff controlled it.



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 3, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Funds are allotted to RFO after requisition from them only.

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good quality of physical operations, protection. Notorious

villagers needs to be convienced to protect the asset for their

benefits.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode









#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Mouze Kanikala Place- Survey No.7

Beat- Somanada Round- Bhivapur

Range- South Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 3.360 Ha. GPS: Polygon: 4.400 Ha.

Difference- Excess 1.040 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- Yes (Acquired land from irrigation)

Received as compensatory land- No

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Heavy

Available vegetation (Local Names)- Babool, Bor, Neem, Hiwar, Palas, Rantalas, Gokharu, Takla,

Katumber, Maharukh

**B.** Plantation Details

Model - 400 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{5} \times \mbox{5} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Teak, Chinch, Umber, Neem, Bamboo

C. Survival & Status

Site suitability- Site aguired is isolated from forest land with 40% area gets

automerged in back water of Indira Sagar Gosewada project

and the remaning part under steep slope.

Suitability of species planted- 40% area is damaged in water so only Babul, Bamboo, Bor

species is suitable.

Plant survival percentage- 75% Average Height of plants- 28 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Not sustainable as 40% area is under submequence.

D. Protection-

Fencing Status- TCM - 849 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2153.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1941.00/-

Grazing- Not recorded



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 2

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Yes
Financial audit- Done
Fund pattern- Regular.

# F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Compensatory area received from the agency is not

suitable for planting & development. 2) Due to heavy biomass of unpalatable grass, weeding in strips is recommended.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle, Mr. S. B. Dabhade







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Makardhohada Sasegaon Place- Survey No.47 (Comp.382)

> Beat- Kolarmat Round- Mkardhohada Range- North Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 24.550 Ha. GPS: Polygon 26.140 Ha.

Difference- Excess 1.590 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- Below 0.1 Slope- Gentle

Available vegetation (Local Names)- Palas, Neem, Bor, Teak, Aola, Rantulas, Dudhi, Kamal, Pawara

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone- Zonation not done

Species selected for planting- Teak, Bor, Chinch, Jambhul, Sitaphal, Kawath, Chinchbilai,

Chichwa, Neem, Sisoo, Khair, Raintree, Aola, Karanj, Ain, Arjan,

Reetha, Shivar

C. Survival & Status

Site suitability- Cassea, Raintree, Karanj & Anjan are planted but are not

suitable for the site selected.

Suitability of species planted- No. Sitaphal, Chinchbilai, Sisoo, Casia, Raintree, Karanj ,Arjun

are unsuitable species.

Plant survival percentage- 78% Average Height of plants- 54 cm

Average girth of plants-

General Health of Plants- Semi-healthy
Sustainability- Unsustainable.

D. Protection-

Fencing Status- No.

Fire- Amount Sanctioned in the estimate- Rs. 15139.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 8089.00/-

Grazing- No damage by domestic animal



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 2, RFO - 2

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19

Fund pattern-

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Only survival, but plants are lanky. Instead of TCM, chainlink

fencing is recommended for better protection.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle, Mr. S. B. Dabhade







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Nimgaon Bhogi

Place- 162

Beat- Malthan Round- Shirur

Range- Shirur Forest Division- Junnar

Forest Circle- Pune

Area of Treatment- Plantation: 11.470 Ha. GPS: Polygon: 11.470 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Degraded land Density- Open Slope- Gentle

Available vegetation (Local Names)- Tree, Grass

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Khair, Karanj, Wavla, Kanchan, Chinch, Sisoo, Gulmohar etc.

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Yes, Gulmohar need not have planted

Plant survival percentage- 66% Average Height of plants- 90 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Good if protected well

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 7349.52/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 7471.00/-

Grazing- NA



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- NA

Measurement Book- Up-to date Cash Book- Up-to date Financial audit- Not Done

Fund pattern- Wages pending for want of funds

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Planting of Delonix & Cassia Siamea should have been avoided

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Bhonang
Place- Gat No.36

Beat- Ramraj Round- Ramraj

Range- Alibaug Forest Division- Alibaug

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 10.000 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NA Density- Open Slope- Gentle

Available vegetation (Local Names)- Shrubs, Grass

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Aola, Jamun, Sitaphal, Siwan, Karanj, Wad, Khair, Umber,

Bahwa etc.

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 93%
Average Height of plants- 74 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Being gochar land there is resistance of people but barbed

wire fencing will help a lot.

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 1100 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 6408.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6408.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 1, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Second year not yet received

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Improved people's participation is required.

G. Date of Evaluation 25 Feb 2020

Name of Evaluators Mr. G. P. Garad







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kumbharshet

Place- 24/38

Beat- Chikhalgaon Round- Unhere

Range- Nagothane Forest Division- Alibaug

Forest Circle- Thane

Area of Treatment- Plantation: 24.000 Ha. GPS: Polygon: 24.000 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Density- Slope- Gentle

Available vegetation (Local Names)- Trees, Shrubs, Grass

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ -in Grid No. 1&2 = 275 plants / 2.5 × 2.5-Rest 9326 plants

Treatment Map- Yes
Soil Zone- Zone-III

Species selected for planting- Aola, Teak, Sisoo, Khair, Karanj, Bheda, Kaju, Bamboo, Apta,

Chinch etc.

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
74%
75 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Peoples participation required.

D. Protection-

Fencing Status- Barbed Wire

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 1, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditFund patternUp-to date
Up-to date
Not Done
Wages pending

#### F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Staff is really committed. People support is required. Gochar

land should not be taken without taking people into

confidence.

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. G. P. Garad







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Osarvira Place- 255

Beat- Osarvira Round- Osarvira

Range- Udhawa Forest Division- Dahanu

Forest Circle- Thane

Area of Treatment- Plantation: 20.000 Ha. GPS: Polygon: 31.990 Ha.

Difference- Excess 11.990 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III and IV A Density- Varies from 0.2 to 0.5 Slope- Moderate

Available vegetation (Local Names)- Old teak plantation area, hence teak coppice are seen and

other species like - Moha, Ain, Palas, Dhavda,, Asana, Savar

etc.

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{No} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Cashew, Khair, Shisav, Moha, Bamboo, Chinch, Behda, Ritha,

Karanj, Kanchan, Neem etc.

C. Survival & Status

Site suitability- Not suitable. Heavy enchrochment of FRA plots in between 2

degree to 25 degree. Area is suitable for NR model.

Suitability of species planted- Yes
Plant survival percentage- 52%
Average Height of plants- 45 cm

Average girth of plants-

General Health of Plants- Unhealthy
Sustainability- Not satisfactory.

D. Protection-

Fencing Status- TCM - 882.80 Rmt. (Part Fencing)

Fire- Amount Sanctioned in the estimate- Rs. 13585.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 13585.00/-

Grazing- Grazzing by strey cattle



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 2

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- By C.A.

Funds received in bank (For PYO/PPO works Rs.2 × 24/- on

26/3/18). Should have been in installments.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Inspections are inadequate 2) Treatment maps are not

prepared properly 3) Wrong selection of site for A.R. Model

G. Date of Evaluation 29 Feb 2020

Name of Evaluators Mr. N. A. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Pochade
Place-Place-Place-Pochade

Beat- Pochade Round- Manor

Range- Manor Forest Division- Dahanu

Forest Circle- Thane

Area of Treatment- Plantation: 7.000 Ha. GPS: Polygon: 13.731 Ha

Difference- Excess 6.731 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III Density- 0.1 Slope- Gentle

Available vegetation (Local Names)- Very sparce growth of Teak, Bor & Palas etc.

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Khair, Kahandol, Behawa, Aaola, Shiwan etc.

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
91%
110 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Very good.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 4754.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4755.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 6

Plantation register- Incomplete

Measurement Book- Up-to date but no entry of SMC works

Cash Book- Up-to date Financial audit- Done.

Fund pattern- Late funding from Campa or Division office

# . Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good plantation works inspite of stony and refractory soil.

G. Date of Evaluation 03 Mar 2020

Name of Evaluators Mr. N. A. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Mandava Place- 153

Beat- Mandava (South) Round- Sonsiv

Range- West Wada Forest Division- Jawahar

Forest Circle- Thane

Area of Treatment- Plantation: 14.000 Ha. GPS: Polygon: 20.500 Ha.

Difference- Excess 6.50 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.5 RF Slope- Gentle

Available vegetation (Local Names)- -

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-I, Zone-II

Species selected for planting- Bamboo, Jambul, Karanj, Avala, Kanchan, Apta, Khair, Vad,

Subabul

C. Survival & Status

Site suitability- Suitable but gravelly with some rocky patches.

Suitability of species planted- Yes
Plant survival percentage- 74%
Average Height of plants- 118 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Very good as the plantation is easily accessible by road

D. Protection-

Fencing Status- TCM - 1596 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 8300.19/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 8060.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 2, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Up-to date (Auditted by Mandbk & upto Mar-19)

Financial audit- Done

Fund pattern- Irregular after 1st year

# F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The work execution is good. However additional cultural

operation will boost up the plant growth.

G. Date of Evaluation 04 Mar 2020

Name of Evaluators Mr. D. B. Patil







# SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Khupri Place- 988

Beat- Khupri Round- Khupri

Range- West Wada Forest Division- Jawahar

Forest Circle- Thane

Area of Treatment- Plantation: 1.500 Ha. GPS: Polygon:

Difference- Plantation Burnt

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Density- Slope-

Available vegetation (Local Names)- -

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- No

Soil Zone-

Species selected for planting-

C. Survival & Status

Site suitability-

Suitability of species planted-

Plant survival percentage- 0%

Average Height of plants- 
Average girth of plants- 
General Health of Plants- Burnt

Sustainability-

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. /-

Execution of the work- Accidently Burnt Expenditure/Payment of the work- Rs. /-

Grazing-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register-Measurement Book-

Cash Book-

Financial audit- Done

Fund pattern-

F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure-

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. D. B. Patil





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Divashi
Place- 12

Beat- Divashi Round- Kinhavali

Range- Saiwan Forest Division- Jawahar

Forest Circle- Thane

Area of Treatment- Plantation: 14.000 Ha. GPS: Polygon: 15.000 Ha.

Difference- Excess 1.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.4 Slope- Moderate

Available vegetation (Local Names)- -

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Kaju, Bamboo, Bas, Sitafatl, Karanj, ambhul, Moha, Avala,

Peru, Kadunimb

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
83%
73 cm

Average girth of plants-

General Health of Plants- Healthy Sustainability- Good.

D. Protection-

Fencing Status- TCM - 1145.762 × 260 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 9509.08/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 9509.00/-

Grazing- No, inspite of plot borders



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 2

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Done

Fund pattern- Till 1st year punctual there after no funds were made

available..

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Regular flow of fund is essential.

G. Date of Evaluation 29 Feb 2020

Name of Evaluators Mr. D. B. Patil,





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Radycha pada Place- Comptt. No- 590

Beat- Radyacha pada Round- Makhvane

Range- Vihigaon Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon 49.000 Ha.

Difference- Excess 24.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- V Density- 0.5 Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Teak, Ain, Moha, Dhavda, Bondara, Sawar

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Awala, Hirda, Kahandol, Khair, Moha, Behda, Sitafal

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
78%
Average 4 cm
Healthy

Sustainability- Not sustainable as the natural growth is hacked for rab

material by the local plot holder.

D. Protection-

Fencing Status- No fencing done

Fire- Amount Sanctioned in the estimate- Rs. 16980.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Heavy cattle trace pass is seen.



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 3

Plantation register- UP-to-date Measurement Book- Up-to-date

Cash Book- Not produced for varification sent for audit to pune

Financial audit- Not Done

Fund pattern- No

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Chainlink fencing is recommended. 2) Capacity building of

record maintenance of staff.

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sadhunagar Place- 16 ( P) Unclassed

Beat- Mudana Round- Mudana Range- Mahagaon Forest Division- Pusad

Forest Circle- Yawatmal

Area of Treatment- Plantation: 6.500 Ha. GPS: Polygon: 6.500 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- Yes Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV b Density- Less than 0.2 Slope- Gentle

Available vegetation (Local Names)- Trees: Teak, Palas, Pimple, Neem, / Shrubs: Chilati, Barhati /

Grass: Rantulas, Marvel

**B.** Plantation Details

Model - 625 plants/ha.

Species selected for planting- Teak, Karanj, Neem, Sitaphal, Bamboo

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- No , Karanj is not suitable as is of zone II

Plant survival percentage- 81% Average Height of plants- 60 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Very poor growth of the plantation in second year so

sustainability of the plantation is very low

D. Protection-

Fencing Status- TCM - 184.20 Rmt., Stone Wall - 99.50 Rmt., Barbed Wire - 210

Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 3

Plantation register- Incomplete
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- last year funds receipt were regular and regularly utilization.

F. Overall Rating A Grade

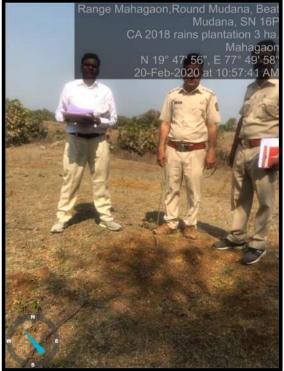
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Nil

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Piranji

Place- Survey No. 31

Beat- Pirangi Round- Krishnapur Range- Umerkhed Forest Division- Pusad

Forest Circle- Yawatmal

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 25.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV b Density- less than 0.4 Slope- Moderate

Available vegetation (Local Names)- Trees Teak, Palas, Haldu, Tendu / Fruit tress Biba, Bamboo and

Char / Fruit tress Blba and Char / Grass Rantulas, Kusali,

Marvel.

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Bamboo

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes
68%
64 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Planting Stock inferior quality , though plantation is in second

year plants remain lanky and unhealthy. So sustainability is

low

D. Protection-

Fencing Status- TCM - 1966.00 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 17300.52/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 11534.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 3, RFO - 2

Plantation register- Incomplete
Measurement Book- Up-to date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- Only this year Funds not available timely

#### F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Provision of causality should be made as 70 to 75 % of plants

are lanky and unhealthy. Protection of plantation from grazing( by both domestic as well as wild ) should be done.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Mozar Place-Gat No. 81

> Beat- Mozar Round-Mozar

Range- Ner Forest Division- Yawatmal

Forest Circle- Yawatmal

Area of Treatment-Plantation: 40.850 Ha. GPS: Polygon: 40.850 Ha.

Difference-No change

Status of Land-Reserved Forest- No Protected Forest- No

> Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality-Density-Less than 0.1 Slope-Moderate

Available vegetation (Local Names)-Trees Teak, Palas, Hiwar, / Shrubs Chilati, Barhati / Grass

Marvel, Kalela, Gondela

**B.** Plantation Details

Model -1111 plants/ha.

Spacement- $3 \times 3$ Yes Treatment Map-Soil Zone-Zone-II

Species selected for planting-Teak(7094  $\times$  462  $\times$  25  $\times$  5), Bel(2  $\times$  230)

C. Survival & Status

Site suitability-Suitable

Suitability of species planted-No, Sisso and Karanj need black cotton soil or having good soil

deepth . But this is eroded ,murami soil depth not more than

30 cms

89% Plant survival percentage-Average Height of plants-90 cm

Average girth of plants-

General Health of Plants-Unhealthy

Sustainability-Though watering is provided to plants and barbed wire

> fencing, due to fire and poor quality of tending operation plants remain unhealthy and lanky, so sustainability is low

D. Protection-

Fencing Status-Barbed Wire / Chain Link - 1550 Rmt.

Fire-Amount Sanctioned in the estimate- Rs. 19908.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 16324.00/-

Grazing-No grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 3, RFO - 8

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- Last year Funds not available timely

#### F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Though barbed wired fencing and watering to plants provided

in first year, growth of the plants shunted due to low quality of post plantation cultural operation and damage by fire in first

year itself

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More







5<sup>th</sup> Year Works: Site No. 33-44

#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Vishroli

Place- Survey 262 to 268, 311, 313 to 315, 324

Beat- Vishroli Round- Shirajgaon

Range- Paratwada Forest Division- Amravati

Forest Circle- Amravati

Area of Treatment- Plantation: 24.500 Ha. GPS: Polygon: 23.593 Ha.

Difference- Less 0.907 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Gentle

Available vegetation (Local Names)- Palas, Babhul, Bor, Nim, Grasses- Marvel, Tikadi, Kunda,

Pavnya

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{3} \times \mbox{3} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Teak, Karanj, Awala, Sitafal, Papla, Bamboo, Jambhul

C. Survival & Status

Site suitability- NR
Suitability of species planted- Yes
Plant survival percentage- 16%
Average Height of plants- 192 cm
Average girth of plants- 8 cm
General Health of Plants- Healthy

Sustainability- The plantation is divided in three parts and surrounded by

agriculture field therefor it is well protected from illicit grazing

D. Protection-

Fencing Status- TCM - 2175 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 13107.50/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 13926.00/-

Grazing- Not ofserved



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 1, ACF - 4, RFO - 3

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Not Available

Financial audit- Done. Year - 2018-19

Fund pattern- The funds received are utilized timely.

#### . Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Watering facility must be added in plantation plan so that

survival of plantation can be more. Fencing/ Chainlink shouled be provided for the plantation area surrounded by agriculture

fields.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Ganori (East)
Place- 171/ G.N.23, 24A

Beat- Ganori (East) Round- Ganori

Range- Khultabad Forest Division- Aurangabad

Forest Circle- Aurangabad

Area of Treatment- Plantation: 8.190 Ha. GPS: Polygon: 13.600 Ha.

Difference- Excess 5.410 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Degraded Density- 0.1 to 0.2 Slope- Gentle

Available vegetation (Local Names)- Shrubs

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-II} \end{array}$ 

Species selected for planting- Neem, Sisoo, Awala, Bamboo, Sitafal, Jambhul, Bhedi, Khair

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
42%
150 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 818 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4754.95/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4744.00/-

Grazing - Grazing by Chinkara



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 1, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19
Fund pattern- Flow of funds is irregular

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Protective irrigation is recommended.

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Navegaon

Place- Comptt.No.1566

Beat- Navegaon Round- Vyahad

Range- Sawali Forest Division- Chandrapur

Forest Circle- Chandrapur

Area of Treatment- Plantation: 2.000 Ha. GPS: Polygon: 2.870 Ha.

Difference- Excess 0.870 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV B Density- Less than 0.2 Slope- Gente

Available vegetation (Local Names)- Moha, Behada, Aawala, Tendu, Aajan, Kukutranzi, Bhutganja,

Sindi, Ain

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No Soil Zone-III

Species selected for planting- (2015) Shiras, Shisam, Karanj, Papada, Khair, Bel, Aajan, Aola,

Kawath, Sisoo

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes, NR

Plant survival percentage- 2015- 8%,2019-84.22 % Average Height of plants- 2015-60 cm, 2019-50 cm

Average girth of plants- < 5 cm.

General Health of Plants- Semi-healthy

Sustainability- Sustain if protected from grazing

D. Protection-

Fencing Status- TCM - 223 Rmt., Barbed Wire / Chain Link - 1085 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 597.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 597.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 2

Plantation register- Incomplete
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- Funds are allotted to RFO after requisition from them only.

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- `1st Year – Fail, 5th year may survive if protected from grazing.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode









#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sukapur

Place- Compartment No:215

Beat- Dangshirwade Round- Dangshirwade Range- Pimpalner Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 16.000 Ha. GPS: Polygon: 19.000 Ha.

Difference- Excess 3.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.5 Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Teak, Anjan, Dhavda, Beheda, Moha, Tendu, Kanchan, Babhul,

Khair, Subabhul, Shrubs, Henkal, Arroni, Agave, Ghaneri, Gokhanu, Apata, Grass, Kusal, Shedya, Kolha, Bondars,

Tokanya

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- Yes
Soil Zone- N.A

Species selected for planting- Karanj, Chinch, Bamboo, Sissoo, Jambhul, Amaltas, Beheda,

Neem, Shiras, Umban, Chinch, Pimpal, Khair, Kanchan, Moha

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
Plant survival percentage110 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Definitely sustainable

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. Sanctioned estimate/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Susceptible to grazing but well protected



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register-Measurement Book-

Cash Book-

Financial audit- Not Done

Fund pattern- No funds were received during current FY.

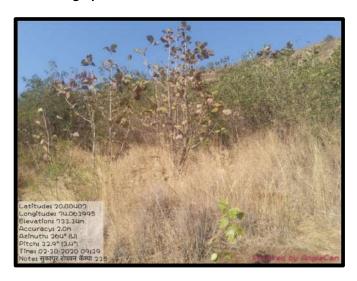
F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good work by the filed staff, but TCM should be provided.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shirsi (Ganeshpur)
Place- Comptt. No.62

Beat- Bori Round- Porla

Range- Porla Forest Division- Wadsa

Forest Circle- Gadchiroli

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 29.690 Ha.

Difference- Excess 4.690 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV/III Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Khair, Neem, Moha, Bija, Ain, Bel, Arjun, Tendu, Bor, Rohan,

Garadi, Tenndu, Ukshi, Chiman Chara, Kusal, Amarvel

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Khair, Holoptelia integrefolia, Albizia, Embelica oficinalis,

Neem, Tamarindus, Sisoo, Pongamia pinnata, Arjun, Maligna arborea, Eagle marmelos, Mellotus, Pongammia pinnata

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
67%
60 cm
Healthy

Sustainability- Part of area is water logged. Sustenance is partly.

D. Protection-

Fencing Status- TCM - 2650 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 14918.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 14918.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 2, ACF - 0, RFO - 3

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- Funds are allotted to RFO after requisition from them only.

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Plants in water logged area in rainy season will not

survive.Rest part is sucessful and plants are healthy.Quality of

operations is good.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shivrajpur (Kondhala)

Place- 812

Beat- Kondhala Round- Wadsa

Range- Wadsa Forest Forest Division- Wadsa

Forest Circle- Gadchiroli

Area of Treatment- Plantation: 4.000 Ha. GPS: Polygon: 4.500 Ha.

Difference- Excess 0.500 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IVB Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Neem, Bor, Tenndu, Takla, Thamhini & Kuda

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{No} \\ \text{Soil Zone-} & \text{Zone-II,} \end{array}$ 

Species selected for planting- Neem, Eagle marmelos, Bamboo, Teak, Karanj, Sitafal

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- No. Very hard strata. Old mining observed. Adjacent to village

Kondhala. Except Neem & Khair other spp.will not survive.

Plant survival percentage
Average Height of plants
Average girth of plants
General Health of Plants
Semi-healthy

Sustainability- Except few plants of Neem & stunted growth of Teak all other

plants will not survive.

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 1085 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2387.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 2387.00/-

Grazing- Yes, villagers tried to break Barbed wire fencing to allow

grazing and trespass for Natures call.



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Funds are allotted to RFO after requisition from them only.

. Overall Rating B Grade

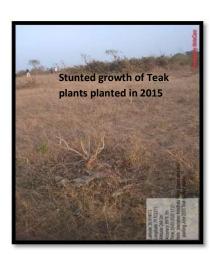
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Site is not suitable for plantation. Though survival of teak &

Neem observed, growth of Teak is stunted.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Manwad Place- 234

Beat- Manwad Round- Manwad

Range- Panhala Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 14.660 Ha. GPS: Polygon: 16.660 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- IV b Density- Less than 0.4 Slope- Moderate

Available vegetation (Local Names)- Trees Hirda, Jabhul, Hela, Arjani, Kinjal, Shrubs, Dhayanti,

Karwandi, Ain, Kumbha / Grass Mirvel, Kusal, Kazdel, Tambit,

Suzal

**B.** Plantation Details

Model - 625 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 4 \times 4 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Jamun, Awala, Hed, Bamboo, Kanchn

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Exept Kanchan, all species are suitable

Plant survival percentage- 92% Average Height of plants- 55 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM - 1495 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 8184.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 8184.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to-date
Up-to-date
Not Done

Fund pattern- Reguler Except curent year

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Regular fund

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Manbet Place- 122, 123, 124

Beat- Kandalgaon Round- Sarvande

Range- Radhanagari Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 25.880 Ha. GPS: Polygon: 35.650 Ha.

Difference- Excess 10.770 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Poor Density- Less than 0.3 Slope- All typea of slope

Available vegetation (Local Names)- Trees: Kanjal, Dhawada, Ain, Amba, Jambul. Shrubs: Karwand,

Aliv, Herb: Fern Grass: Kurad, Kusal, Tambit, Surad

**B.** Plantation Details

Model - 625 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 4 \times 4 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Sawar, Khair, Awala, Jambul, Hed, Narka, Pangara, Umber,

Varas, Kurashi, Kumbhi, Phanas, Toriphal, Kokam

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes
53%
65 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Sustainable if proper protection is done

D. Protection-

Fencing Status- TCM - 500 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 14448.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 14448.00/-

Grazing- No grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditUp-to-date
Up-to-date
Not Done

Fund pattern- Funding received timely.

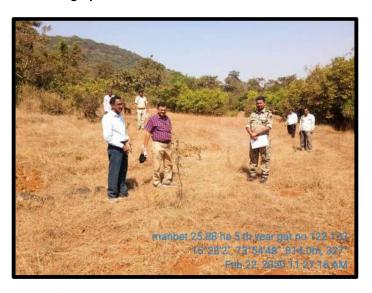
. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Area at the plantation tallies with GPS.

G. Date of Evaluation 22 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Borgaon Place-Borgaon

Beat- Wadegaon Round- Mulla

Range- N.Deori Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 8.000 Ha. GPS: Polygon: 9.110 Ha.

Difference- Excess 1.110 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.3 Slope- Gentle

Available vegetation (Local Names)- Movai, Salai, Moha, Sindi, Dhoban, Bija, Garadi, Kuda, Kausal,

Zadu Gawat

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Teak, Aawala, Arjun

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
86%
155 cm
14 cm
Healthy

Sustainability- It will sustain, needs protection from grazing

D. Protection-

Fencing Status- TCM - 816 Rmt., Barbed Wire / Chain Link - 1400 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4587.68/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4774.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 4

Plantation register- Maintained but not properly filled

Measurement Book- Not duly signed by RFO

Cash Book- Up-to date Financial audit- Done. 2018-19

Fund pattern- It shows that funds flow is regular till Sep-19. Not received

since October 2019

#### F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The boundary of the plantation should be completely fenced

for better protection. The planting stock should not be less than 18 months old. The treatment & zonation map should be

proper with details.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Malegaon Mordara (Mulher)
Place- Sr.No.39 Comp. No.176

Beat- Mulher Round- Mulher

Range- Taharabad Forest Division- Malegaon

Forest Circle- Nashik

Area of Treatment- Plantation: 3.000 Ha. GPS: Polygon: 6.540 Ha.

Difference- Excess 3.540 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.3 to 0.4 Slope- Moderate

Available vegetation (Local Names)- Mixed

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-I, Zone-II

Species selected for planting- Neem, Awala, Bamboo

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 45%
Average Height of plants- 500 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 439.56 Qbm.

Fire- Amount Sanctioned in the estimate- Rs. 947.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Damage to the plants by wild life



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19
Fund pattern- Flow of funds is irregular

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Strict protection measures are recommended and People's

participation is essential.

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kardal Place- 33

Beat- Kardal Round- Safale

Range- Safale Forest Division- Dahanu

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon 11.120 Ha.

Difference- Excess 1.120 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Available vegetation (Local Names)- Few trees of Cashew, Palas, Sawan & Jambul are exsiting with

shrubs of Karwand & climbers like Palaswel (Birtea supurba) &

Ukshi

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Cashew, Bahava, Kanchan, Aaola, Saptpurni, Kadamb,

Jambhul, Neem, Mango, Shisoo, Khaya, Bamboo, Karanj etc.

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants450 cm
Average girth of plantsGeneral Health of PlantsHealthy
SustainabilityGood.

D. Protection-

Fencing Status- TCM - 1048 Rmt., Barbed Wire / Chain Link - 1520 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 5583.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 5583.00/-

Grazzing by strey cattle is noticed in Part II area only.



Inspection of Plantations- APCCF - 1, CCF - 1, DCF - 1, ACF - 1, RFO - 0, Others - 3

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2019-20

Fund pattern- Satisfactory.

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Cleaning and singling operations would be beneficial.

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. N. A. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shil Ghatghar Place- 64, 72 part

Beat- Shil Round- Kalyan

Range- Thane Forest Division- Thane

Forest Circle- Thane

Area of Treatment- Plantation: 6.460 Ha. GPS: Polygon: 10.500 Ha.

Difference- Excess 4.040 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- 5A Density- 0.2 Slope- Gentle

Available vegetation (Local Names)- Shrubs and Grass

**B.** Plantation Details

Model - 2500 plants/ha.

Spacement-  $2 \times 2$ Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Bamboo, Khair, Karanj, Jambhul, Kanchan, Shivan, Hirda, Apta,

Awala, Chinch

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes

44%

126 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Poor.

D. Protection-

Fencing Status- Barbed Wire fencing for part of plantation area, which is

totally destroyed now.

Fire- Amount Sanctioned in the estimate- Rs. 3607.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 3607.00/-

Grazing- No, inspite of plot borders



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Incomplete

Cash Book- Not available at site

Financial audit- Not done

Fund pattern- Regularly irregular.

#### . Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) The treatment map must be authenticated by RFO and ACF.

2) The work should be monitored at the appropriate time, so as to improve the quality of the field work. 3) Reglar fund flow

is essential.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. A. R. Thakre







8<sup>th</sup> Year Works: Site No. 45-78

### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sawarkhed

Place- Survey No.E 02(E.Class)

Beat- Sawarkhed Round- Chondhi
Range- Patur Forest Division- Akola

Forest Circle- Amravati

Area of Treatment- plantation: 8.730 Ha. GPS: Polygon: 11.400 Ha.

Difference- Excess 2.670 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Moderate

Available vegetation (Local Names)- Teak, Moha, Kalam, Anjan, Lendi, Dudhi, Palas, Bel, Ain,

Thembrun, Aapta, Moin, Grass. Kusali, Marvel

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- 1st Year Bamboo , 5th Year Mix species

C. Survival & Status

Site suitability- NR
Suitability of species planted- Yes

Plant survival percentage- 1<sup>st</sup> Year-29 %,5<sup>th</sup> Year-80.96

Average Height of plants- Bamboo: 422 cm, Other Plants: 278 cm

Average girth of plants- 16 cm General Health of Plants- Healthy

Sustainability- If regularly protected from fire it will be a good Plantation

D. Protection-

Fencing Status- TCM - 1406 Rmt

Fire- Amount Sanctioned in the estimate- Rs. 1921.56/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 5223.00/-

Grazing- Not Obseved



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- up-to-date
Measurement Book- Up-to date
Cash Book- Not Available
Financial audit- Not Done

Fund pattern- Funds received are utilized timely.

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good physical works & protection. There is scope for SMC

works.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Pardi

Place- Survey No.63, 86, 86/1, 101,102

Beat- Pardi Round- Morshi

Range- Morshi Forest Division- Amravati

Forest Circle- Amravati

Area of Treatment- Plantation: 12.300 Ha. GPS: Polygon: 12.641 Ha.

Difference- Excess 0.341 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Gentle

Available vegetation (Local Names)- Babhul, Hiwar, Neem, Bor

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- Yes
Soil Zone- Zone-III

Species selected for planting- Teak, Neem, Awala, Chinch, Shivan, Bamboo, Bor

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Sui
Yes
32.50 %
25 cm.
< 3 cm.
Unhealthy

Sustainability- Casualty replacement and barbed wire fencing may help in

Sustainance of plantation.

D. Protection-

Fencing Status- TCM - 2191 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2460.24/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 2784.00/-

Grazing- Illegal grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 7

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Not Available in range office

Financial audit- Done. Year - 2017-18

Fund pattern- Funds received are utilized timely.

#### F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- As the land received as compensatory, it is nearer to village

hence required barbed wire fencing or chainlink fencing Tall

and stardy plants should be planted.

G. Date of Evaluation 22 Feb 2020

Name of Evaluators Mr. S. N. Bhagat, Mr. V. B. Nimbhorkar







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kargata Place- 257

Beat- Kargata Round- Sindevahi

Range- Sindevahi Forest Division- Bramhapuri

Forest Circle- Chandrapur

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 27.830 Ha.

Difference- Excess 2.830 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III Density- More than 0.4 Slope- Gente

Available vegetation (Local Names)- Teak, Bondara, Garadi, Moha, Medshing, Bel, Sajad, Kuda,

Hiwar

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No Soil Zone- Zone-III

Species selected for planting- Bamboo (2012), Khair, Ain, Medsing, Kawath, Bel, Teak (2017)

C. Survival & Status

Site suitability- Under-planting is done in dense forest. Selection of species is

incorrect

Suitability of species planted- No , Planting in forest having density more than 0.4. Under

planting of Teak spp.

Plant survival percentage- 2012-0.03 %, 2016-50.26 %

Average Height of plants- 2012-Bamboo-450 cm, 2016-Mix-53 cm

Average girth of plants- 2016-Mix-6.00 cm General Health of Plants- Semi-healthy

Sustainability- Will not sustain except few established Bamboo clumps

D. Protection-

Fencing Status- TCM - 2400 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 1, DCF - 1, ACF - 1, RFO - 7

Plantation register- Incomplete
Measurement Book- Incomplete
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- No financial monitoring and checking of expenditure on

plantation is observed.

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Underplanting of teak & misc.species in forest having crown

density more than 0.6 will not survive.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode









#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Chincholi Place- 140

Beat- Chincholi Round- Wirur

Range- Wirur Forest Division- Central

Chanda

Forest Circle- Chandrapur

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 7.190 Ha.

Difference- Excess 2.190 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- Less than 0.4 Slope- Gente

Available vegetation (Local Names)- Teak, Tendu, Moha, Dikamali, Kawith, Hiwar, Neem, Takla,

Broom-grass & Kusal grass

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- No Soil Zone-III

Species selected for planting- Bamboo (2012), Khair, Sisoo, Aola, Karanj, Vilayati Chinch,

Chinch & Shiras (2016)

C. Survival & Status

Site suitability- Suitability Suitability of species planted- Yes, NR

Plant survival percentage- 30%(2012), 0 %(2017)

Average Height of plants- 63 cm

Average girth of plants- 6 cm

General Health of Plants- Unhealthy

Sustainability- Will not sustain except few established Karanj plants..

D. Protection-

Fencing Status- TCM - 425 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 2, RFO - 0

Plantation register- Incomplete
Measurement Book- Incomplete
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- No financial monitoring and checking of expenditure on

plantation is observed.

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Worst quality physical works. No records, fire

damages, grazing, broken TCM with road inside plantation.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shemalya

Place- Compartment No:786

Beat- Panakhed Round- Wakwad
Range- Sangavi Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 40.000 Ha. GPS: Polygon: 61.000 Ha.

Difference- Excess 21.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III/IV Density- 0.4 Slope- Moderate (10 to 25 degrees) Available vegetation (Local Names)- Teak, Palas, Maharukh, Neem, Babhul, proscpis, Ghaneri,

Apta, Pawda, Rantulas, Takla, Zinrara, Bamboo, Tendu,

Bhengurna

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Teak, Khair, Neem, Aola, Chinch, Bor

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 69%
Average Height of plants- 145 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- very much suitable for planting

D. Protection-

Fencing Status- TCM - 2500 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 10470.80/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 10471.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 2, ACF - 7, RFO - 8

Plantation register- UP-to-date

Measurement Book-

Cash Book- N.A Sent for audit

Financial audit- Not Done

Fund pattern- Record regarding finacial monitoring not available

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Proper maintenance is recommended.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Hadakhed
Place- Survey No:92/2

Beat- Sule Round- Sule

Range- Shirpur Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 4.990 Ha. GPS: Polygon: 4.990 Ha.

Difference- Excess 0.580 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- N.R. Density- N.R. Slope- Gentle(0 to 10 degrees)

Available vegetation (Local Names)- Babhul, Teak, Apata, Palas, Ghayti, Yeltur, Takla, Tarmad,

Landge, Rui, Chigat, Gokharu, Grass, Kusal, Bhuri, Kunda

**B.** Plantation Details

Model - 400 plants/ha.

Species selected for planting- Sissoo, Neem, Khair, Karanj, Awala, Ain, Semal, Anjan

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plants10 cm

General Health of Plants- Semi-healthy

Sustainability- Sustainable provided chainlink fencing is provided

D. Protection-

Fencing Status- TCM - 710 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1306.23/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1047.00/-

Grazing- Grazing ,Yes along agricultural boundry tramping is also noted



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 2, ACF - 4, RFO - 1

Plantation register- Up-to-date Measurement Book- Up-to-date

Cash Book- Not made available

Financial audit- Not Done

Fund pattern- Record like a cashbook not made available

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chainlink fencing is recommended.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Asali

Place- 1016/1017

Beat- Bhorkheda Round- Hisala

Range- Shirpur Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 40.000 Ha. GPS: Polygon: 70.000 Ha.

Difference- Excess 30.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- 0.4 Slope- Moderate

Available vegetation (Local Names)- Palas, Babhul, Kahsar, Prosopis, Ingranya, Henkal, Rantulas,

Tarota, Rui, Lohtana, Awali, Vasandvel

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $3 \times 3, 5 \times 5$ 

Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Sisoo, Khair, Neem, Jambhul, Arjun, Sadada, Sawar, Bamboo,

Anwala, Arjan, Karanj

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 63%
Average Height of plants- 200 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM- 2000 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 10470.80/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 10471.00/-

Grazing- Light grazing damage-Grazing and browsing sighting



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Up-to date but in poor condition

Measurement Book- Up-to date

Cash Book- Not made available

Financial audit- Not done

Fund pattern- Record not made available

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Strict protection measures are recommended.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. B. R. Challare, Mr. P. H. Wagh





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Bamni Place- 24

Beat- Bamni Round- Surgas

Range- Kathi Forest Division- Mewasi Taloda

Forest Circle- Dhule

Area of Treatment- Plantation: 28.000 Ha. GPS: Polygon: 40.000 Ha.

Difference- Excess 12.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.4 - 0.5 RF Slope- Heavy

Available vegetation (Local Names)- Tree, Shrubs

**B.** Plantation Details

Model - 2500 plants/ha.

Spacement-  $2 \times 2$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Behada, Bamboo, Awala, Hirda, Bor, Khair, Bahava, Bel, Kavat

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes

43%

145 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 1512 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 3743.71/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4073.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Done.

Fund pattern- Flow of funds is irregular

## F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- As far as possible steep and slopy area should be avoided for

plantation.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Khochyapada Place- Comp. No.91

Beat- Karanji Round- Kamod

Range- Chinchpada Forest Division- Nandurbar

Forest Circle- Dhule

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 26.340 Ha.

Difference- Excess 1.340 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.4 to 0.6 Slope- Moderate

Available vegetation (Local Names)- Mixed. Tree/Shrubs and herbs.

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Neem, Moha, Karanj, Sisoo, Awala, Bamboo

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 29%
Average Height of plants- 200 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 426 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 6544.25/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Partly seedling are browsed



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Incomplete

Cash Book- Not made available

Financial audit- Done.

Fund pattern- Timely flow of funds

# F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good grazing protection work.

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Mohomandli

Place- 67/1

Beat- Mohamandli Round- Mohamandli Range- Yawal East Forest Division- Yawal

Forest Circle- Dhule

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 32.000 Ha.

Difference- Excess 7.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.3 to 0.4 Slope- Moderate

Available vegetation (Local Names)- Mixed forest

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- No

Soil Zone-I, Zone-II

Species selected for planting- Moha, Neem, Sisoo, ashid, Karanj, Chinch, Awala, Arjun,

Jambhul, Shivam, Bamboo

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
9%
125 cm

Average girth of plants-

General Health of Plants- Unhealthy
Sustainability- Less sustain

D. Protection-

Fencing Status- Nil (Old TCM Exists)

Fire- Amount Sanctioned in the estimate- Rs. 3534.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 3403.00/-

Grazing Grazing



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Incomplete

Cash Book- Not made available
Financial audit- Record Not Available
Fund pattern- Flow of funds is irregular

#### . Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) People's participation is essential. 2) Supervision and

inspection should be frequent.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shembawane Place- 62, 63, 64, 112

Beat- Shembavane Round- Yelwan- jugai Range- Pendkhale Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 28.500 Ha. GPS: Polygon: 30.120 Ha.

Difference- Excess 1.620 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Poor Density- Less than 0.1 Slope- All typea of slope

Available vegetation (Local Names)- Tree: Anjani, Kumbha, Narkya, Ain, Kinjal, Jambul. Shrub:

Karwand, Dhaman. Grass: Dongari, Marvel Kara, Kusali,

**Tambit** 

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Jamun, Bamboo, Khair, Awala, Sawar, karanj, Kanchan

C. Survival & Status

Site suitability- Suitable however the protection by chainlink fencing neede

Suitability of species planted- Yes Except Karphan

Plant survival percentage- 57% Average Height of plants- 45 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Unsustainable

D. Protection-

Fencing Status- TCM - 1200 Rmt., Live Hedge - 450 RMT

Fire- Amount Sanctioned in the estimate- Rs. 6508.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6508.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Maintained but not up to date
Measurement Book- Maintained but not up to date
Cash Book- Maintained but not up to date

Financial audit- Not Done Fund pattern- Timedy receipt

#### . Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The site is very steep and the site needs moreSMC works for

plant survival.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Pendakhale Place- Gut no. 407

Beat- Pendakhale Round- Pendakhale Round- Pendakhale Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 17.300 Ha. GPS: Polygon: 17.300 Ha.

Difference- No Change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Normal Density- 4, 5 Slope- Moderate

Available vegetation (Local Names)- Aain, Kumbha, Jamun, Bamboo, Kapok, Palas, Hirda, Mango,

Shrub: Rametha, Karwand

**B.** Plantation Details

Model - 400 plants/ha.

Species selected for planting- Shivan, Karanj, Awala, Silver Oak, Kashid, Australian Babhul,

Teak, Mango, Khair, Jamun, Bamboo

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Except teak all Specise are suitable due to heavy rain (400cm)

teak spicies can't suitable.

Plant survival percentage- 77% Average Height of plants- 105 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Unsustainable

D. Protection-

Fencing Status- TCM - 1200 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 3808.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 3950.00/-

Grazing by goat



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- Receipt of fund is timely.

# . Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The plantation area needs protection. Chain link fecing and

watering may be done for survival.

G. Date of Evaluation 21 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Vaduj Place- 359

Beat- Kaledhon Round- Mayani

Range- Vaduj Forest Division- Satara

Forest Circle- Kolhapur

Area of Treatment- Plantation: 4.970 Ha. GPS: Polygon: 4.970 Ha.

Difference- No Change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- Density- Slope- Gentle

Available vegetation (Local Names)- Revenue land transferred for afforestation, hence no

vegetation

**B.** Plantation Details

Model - 400 plants/ha.

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes

44%

15 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Unsustainable, it is now only 0.15 cm at 8th year

D. Protection-

Fencing Status- TCM - 462.57 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1094.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1094.00/-

Grazing- Cattle



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial audit
Not available
Up-to-date
Not Done

Fund pattern- Funds are not avialable

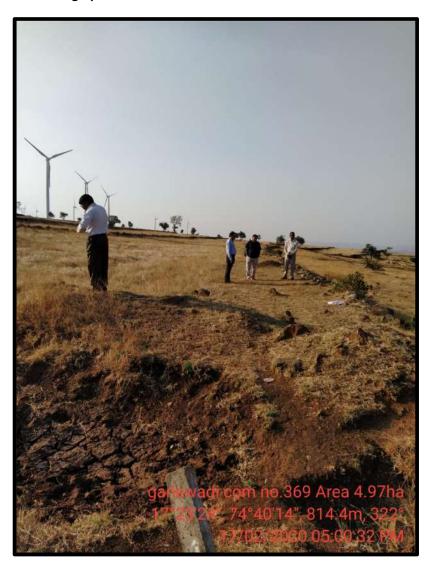
F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Site not suitable for afforestation.

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. S. S. Dole





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kini (Akodi)
Place- Comptt.No 965

Beat- Chandori Round- Umarazary

Range- Lakhani Forest Division- Bhandara

Forest Circle- Nagpur

Area of Treatment- Plantation: 20.000 Ha. GPS: Polgyon: 20.000 Ha.

Difference- No Change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- Normal Density- Open Slope- Gentle

Available vegetation (Local Names)- Teak, Palas, Katsawar, Bharati, Tendu, Jamun, Charoli, Grass,

Kusali.

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No Soil Zone-III

Species selected for planting- Teak, Bamboo, Anjan, Jamun, Behada, Khair, Awala, Shivar,

Chinch, Moha

C. Survival & Status

Site suitability- Suitable Suitability of species planted- Yes.

Plant survival percentage- 80% (Cant distinguish plants planted in two phase )

Average Height of plants- 400 cm

Average girth of plants- 15 cm

General Health of Plants- Healthy

Sustainability- Good.

D. Protection-

Fencing Status- TCM - 993 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4560.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4560.00/-

Grazing- No



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 1, ACF - 2, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditFund patternUp-to date
Up-to date
Done.
Yes.

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Maintenance of TCM recommended.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Wadad

Place-Gat No.1978,2020

> Beat- Chorbandh Round-Umri

Range-Sakoli Forest Division-Bhandara

Forest Circle- Nagpur

Area of Treatment-Plantation: 22.000 Ha. GPS: Polygon: 22.000 Ha.

Difference-No Cange

Status of Land-Reserved Forest-Yes Protected Forest- No

> **Unclassed Forest- No** Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal **Density-Open** Slope-Plain

Available vegetation (Local Names)-Pawana, Kusal, Rantulas, Palas, Moha, Neem, Bor, Saag,

Jambhul, Lendi, Kuda, Khair

**B.** Plantation Details

Model -400 + 1100 plants/ha.

Spacement- $5 \times 5$ ,  $3 \times 3$ 

Yes Treatment Map-Soil Zone-Zone-II

Species selected for planting-Bamboo-8800, Teak, Aawala, Khair, Behala, Shiwar, Anjan,

Karanj, Chinch

C. Survival & Status

Site suitability-Suitable Suitability of species planted-Yes. Plant survival percentage-90%

Bamboo: 550 cm, Other: 270 cm Average Height of plants-

Average girth of plants-

General Health of Plants-Healthy Sustainability-Sustainable

D. Protection-

Fencing Status-TCM - 1820 Rmt.

Fire-Amount Sanctioned in the estimate- Rs. 4591.00/-

> Execution of the work- Work Not Done Expenditure/Payment of the work- Rs. 0.00/-

Yes Grazing-



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19

Fund pattern- Yes.

F. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Staff efforst are very good.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Indora BK

Place- 479, 480, 481, 550, 552

Beat- Bondrani Round- Tiroda

Range- Tiroda Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 24.000 Ha. GPS: Polygon: 22.700 Ha.

Difference- Less 1.300 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.2 Slope- Gentle

Available vegetation (Local Names)- Palas, Hiwar, Jambhul, Yeruni, Bharati, Kusal, Kasai, Padar,

Bhurbhusi

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $2.5 \times 2.5$ 

Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Bamboo, Teak, Aawala, Shivan, Arjun, Thirda

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes
96%
61 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Only 1 visit by ACF has been done in the 1st year and

plantation by ACF

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 5008.56/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 5481.00/-

Grazing- NR



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Incomplete
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Done

Fund pattern- Funds flow is regular. Timely received. Funds are utilised

timely.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Treatment was should be proper and detailed as per the

instruction given by the superior officer. Zonation map should be proper. 2) TCM or other type of fencing should cover entire

area of the boundry, if not plantation will not sustain.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Salegaon

Place- Survey No.62/2

Beat- Wadegaon Round- Mulla

Range- N.Deori Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 4.980 Ha. GPS: Polygon: 6.260 Ha.

Difference- Excess 1.280 ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- Yes Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.2 Slope- Gentle

Available vegetation (Local Names)- Ain, Shinana, Dhawada, Tendul, Polar, Zadugavat, Kusar, Kuda

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Aawala, Sisso, Arjun, Teak, Bamboo. Actual planting done at

the spacement of  $2.5 \times 5m$ 

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsUnhealthy

Sustainability- Difficult to sustain

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 1092.31/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Up-to date

Measurement Book- No paid/cancelled

Cash Book- Incomplete
Financial audit- Done. 2018-19

Fund flow is regular as per in the MB & cash book. In running

year funds are awaited since 4.5 months.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Total area is not closed by TCM, thus difficult to survive.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sukdi

Place- Zudpi Jungle S. No. 248, 397, 68, 73

Beat- Sukdi Round- Indora

Range- Tiroda Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 10.400 Ha. GPS: Polygon:10.400 Ha.

Difference- No Change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- IV A Density- 0.1 Slope- Gentle / Moderate (1 Ha patch)

Available vegetation (Local Names)- Bawen, Area, Kukudramzi, Zadugavat, Kusal

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $2.5 \times 2.5$ 

Treatment Map- No

Soil Zone- No zonation map prepared Species selected for planting- Teak, Khair, Aawala, Arjun

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsHealthy

Sustainability- If protected from grazing

D. Protection-

Fencing Status- TCM - 718 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2379.67/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 2512.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 1, RFO - 2

Plantation register- Incomplete

Measurement Book- Yes

Cash Book- Up-to date Financial audit- Done. 2018-19

Fund pattern- It is seen from the record that funds flow is regular and timely

given. The utilisation is also timely.

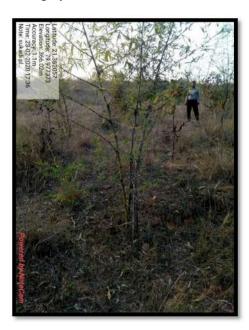
F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- No proper treatment map. Tall seedlings should be plantd.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Jamuniya

Place- Survey No.38, 59, 396, 406, 612, 618, 644

Beat- Tiroda Round- Tiroda

Range- Tiroda Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon 23.190 Ha.

Difference- Less 1.810 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.3 Slope- Gentle

Available vegetation (Local Names)- Char, Moha, Rohan, Teak, Hiwar, Bondara, Ain, Eroni, Kusal,

Zadugavat

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $2.5 \times 2.5$ 

Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Teak, Shivan, Bamboo, Aawala, Khair, Arjun, Kawal, Behoda,

Teak plant serving 80%

C. Survival & Status

Site suitability- Not suitable, most of this area is 0.4 dusty. Planting done in

old Teak establish PL.

Suitability of species planted- Yes
Plant survival percentage- 51%
Average Height of plants- 60 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Difficult to sustain

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 5217.25/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 5937.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete
Measurement Book- No paid/cancelled

Cash Book- Up-to date Financial audit- Done

Fund flow is regular as per in the MB & cash book. In running

year funds are awaited since 4.5 months.

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- No proper treatment map. Zero inspections by forest officers.

Small seedling, planting observed. Plantation is short by 1.905

На.

G. Date of Evaluation 22 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Gangazari (Kharra)
Place- Gat No.146,179,167,16

Beat- Gangazari Round- Mundipar Range- Gondia Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 22.260 Ha. GPS: Polygon: 22.260 Ha.

Difference- No Change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- High Forest Density- 0.45 Slope- Gentle

Available vegetation (Local Names)- Sajad, Dhawada, Charoli, Moha, Lendi, Zurmuri, Dikamali,

Jamun, Tendu, Neem, Bihada, Kuda, Umbar, Rohan, Garadi

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No Soil Zone-III

Species selected for planting- Teak, Karanj, Chinch, Khair, Sitafl, Aola, Shivan, Bel, Behada

C. Survival & Status

Site suitability- Suitable

Suitability of species planted-

Plant survival percentage- 43%

Average Height of plants- 160 cm

Average girth of plants- 14 cm

General Health of Plants- Healthy

Sustainability- Good. Yes.

D. Protection-

Fencing Status- TCM - 3339 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4645.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 2, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditFund pattern
Incomplete
Up-to date
Up-to date
Not Done
Yes.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chainlink fencing is recommended.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Dawaniwada

Place-

Beat- Dawaniwada Round- Dasgaon

Range- Gondia Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 9.570 Ha. GPS: Polygon: 8.070 Ha.

Difference- Less 1.5 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- High Forest Density- 0.5 Slope- Gentle

Available vegetation (Local Names)- Sajad, Dhawada, Lendi, Dekamal, Rohan, Kudwa, Umber,

Tendu, Jamun, Garad, Moha, Charoli other

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- No Soil Zone- Zone-III

Species selected for planting- Teak, Bamboo, Sisoo, Shivar, Sitaphal, Awala, Karanj

C. Survival & Status

Site suitability- This land have density more than 0.4 No need to take such

site.

Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSustainabilityYes.

28%

14 cm

Healthy
Sustainable

D. Protection-

Fencing Status- TCM - 620 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1997.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Not Done

Fund pattern- Timely utilization of fund.

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Dense site-underplanting, Growth hamperred.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Fukeshwor Place- G.No.8/4

Beat- Fukeshwar Round- Matkagari Range- North Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 3.820 Ha. GPS: Polygon: 3.434 Ha.

Difference- Less 0.386 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- Yes

Site quality- Normal Density- Below 0.4 Slope- Gentle

Available vegetation (Local Names)- Degraded Sites

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- No
Soil Zone- Zone-II
Species selected for planting- Teak

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes

Plant survival percentage- 45 % (2012), 60 % (2016) Average Height of plants- Bamboo-250 cm, Mix-50 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status-  $TCM - 4 \times 40.978 \text{ Rmt.}$ 

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Not noticed



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete
Measurement Book- Incomplete
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- Record not available.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- If protected from grazing may sustain.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle, Mr. S. B. Dabhade





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Fukeshwar Place- G.No.8/4

Beat- Fukeshwar Round- Matkagari
Range- North Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 26.000 Ha. GPS: Polygon 35.635 Ha.

Difference- Excess 9.635 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- Yes

Site quality- Normal Density- 0.2 Slope- Gentle

Available vegetation (Local Names)- Neem, Palas, Teak, Bhavada, Bondara, Bor

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- No

Soil Zone- Zonation not done

Species selected for planting- Teak, Karanj, Chinch, Khair, Sitafal, Aola

C. Survival & Status

Site suitability- Refractory, soil depth 0.20 mtr. Heavily grazed by kathewadi

cattle. Suitable for teak only.

Suitability of species planted- No, Karanj planted in  $2 \times 2$  not suitable

Plant survival percentage- 31% Average Height of plants- 48 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Unsustainable if not protected.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Kathewadi problem



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Incomplete
Measurement Book- Incomplete
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern-

F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Overgrazing

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle, Mr. S. B. Dabhade







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Muradpur Place- 56, 70

Beat- Samudrapur Round- Samudrapur Forest Division- Wardha

Forest Circle- Nagpur

Area of Treatment- Plantation: 12.240 Ha. GPS: Polygon: 10.880 Ha.

Difference- Less 1.390 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- Yes

Site quality- Normal Density- Open Slope- Gentle

Available vegetation (Local Names)- Hiwar, Chitali, Ali, Bor, Neem, Babhul, Bharati, Charoli, Palas,

Noni, Bihada, Ain, Rohari, Pitundi, Lokhandi, Ghaneri, Lalghathi, Dhawada, Kusuli, Rantulas, Bhurbhushi, Takla,

Khobarmuli, Marvel

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $3 \times 3, 5 \times 5$ 

Treatment Map- Yes
Soil Zone- Zone-III

Species selected for planting- 2 × 2-Awala, Sitafal, Khair, Casia, Kini, Chinch, Karanj=4800

plants 2016-Teak, Khair, Dhawada, Bor, Ain, Bamboo, Sisoo,

Awala, Amaltash, Neem, Karanj, Sitafal, Semal, Anjan

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Average girth of plants

Suitable
Yes.

39%

112 cm

General Health of Plants- Unhealthy
Sustainability- Unsustainable

D. Protection-

Fencing Status- TCM - 2150 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2694.14/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4110.00/-

Grazing- By domestic animals



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 2, RFO - 1

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern-

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Proper maintenance is recommended.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Dhanora Place- 14

Beat- Botora Round- Pardi

Range- Talegaon Forest Division- Wardha

Forest Circle- Nagpur

Area of Treatment- Plantation: 4.470 Ha. GPS: Polygon: 1.830 Ha.

Difference- Less 2.640 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- NR Density- NR Slope- Gentle
Available vegetation (Local Names)- Palas, Giriendra, Neem, Kusal, Marvel

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $2.5 \times 2.5$ 

Treatment Map- No Soil Zone- Zone-I

Species selected for planting- Teak, Bor, Papoda, Neem, Giriendia

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes.
76%
200 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Unsustainable

D. Protection-

Fencing Status- TCM - 620 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 983.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 3

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Timely utilization of fund.

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Proper survey and and demarcation is recommended.

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Sawali BK Place- Gat No.319

Beat- Pardi Round- Pardi

Range- Talegaon Forest Division- Wardha

Forest Circle- Nagpur

Area of Treatment- Plantation: 19.310 Ha. GPS: Polygon: 16.501 Ha.

Difference- Less 2.801 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- Density- Open Slope- Gentle

Available vegetation (Local Names)- Shrubs

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- Yes

Soil Zone- Zonation not done

Species selected for planting- 2 × 2-Teak, Papada, Khair, Neem, Behada & Bor, 2016- Teak,

Khair, Neem, Papada, Bor

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes.

47%

216 cm

Average girth of plants- -

General Health of Plants- Unhealthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 1240 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4250.32/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4250.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 1, DCF - 2, ACF - 2, RFO - 1

Plantation register- up-to-date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done
Fund pattern- Yes.

# F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Chainlink fencing is recommended.

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Masala

Place- Gat No.2,3,17,18,55

Beat- Akoli Round- Zadsi

Range- Hingni Forest Division- Wardha

Forest Circle- Nagpur

Area of Treatment- Plantation: 20.860 Ha. GPS: Polygon: 18.700 Ha.

Difference- Less 2.160 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle-Yes

Site quality- Normal Density- 0.1 Slope-

Available vegetation (Local Names)- Hiwar, Sisoo, Neem, Chilar, Bor, Palas

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5$ ,  $3 \times 3$ 

Treatment Map- Yes
Soil Zone- Zone-II

Species selected for planting- Teak, Behada, Karanj, Bor, Bamboo & 2016-Teak, Bihada, Bor,

Neem, Awala, Karanj, Sisoo, Khair, Chinch

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable Suitable Yes
Plant survival percentage210 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- TCM - 2090 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 4591.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 4795.00/-

Grazing- No



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 2, ACF - 2, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditFund patternUp-to date
Up-to date
Done
Good

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Proper survey and and demarcation is recommended.

G. Date of Evaluation 25 Feb 2020

Name of Evaluators Mr. P. K. Lakde, Mr. S. A. Gawande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shastrinagar Place- Gut No.111

Beat- Nandgaon Round- Nandgaon

Range- Nandgaon Forest Division- East Nashik

Forest Circle- Nashik

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 7.000 Ha.

Difference- Excess 2.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.1 to 0.2 Slope- Below 10 degrees

Available vegetation (Local Names)- Mixed

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- Yes
Soil Zone- Zone-II

Species selected for planting- Neem, Palash, Babul, Shivan, Papdi, Bor

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 41%
Average Height of plants- 250 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Good

D. Protection-

Fencing Status- TCM - 955 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1213.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1213.00/-

Grazing- Grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 1, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2019-20 Fund pattern- Flow of funds is irregular

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Strict grazing protection measures advised.

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Bhilwad

Place- Sr.No.122 Comp. No.149

Beat- Katarvel Round- Taharabad

Range- Taharabad Forest Division- Malegaon

Forest Circle- Nashik

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 36.000 Ha.

Difference- Excess 11.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.2 to 0.3 Slope- Moderate

Available vegetation (Local Names)- Mixed

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III Species selected for planting- Neem, Awala, Bamboo

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable Yes
215 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Good

D. Protection-

Fencing Status- 1688.57 Qbm.

Fire- Amount Sanctioned in the estimate- Rs. 6544.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6544.00/-

Grazing- Over Grazing



Inspection of Plantations- APCCF - 0, CCF - 1, DCF - 1, ACF - 0, RFO - 0

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date

Financial audit- Done. Year 2018-19
Fund pattern- Flow of funds is irregular

F. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- People's participation and awareness is essential.

G. Date of Evaluation 25 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Amdabad Place- 299

Beat- Malthan Round- Shirur

Range- Shirur Forest Division- Junnar

Forest Circle- Pune

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 5.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Poor Density- 0.4 Slope- Gentle

Available vegetation (Local Names)- Tree, Grass

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-II} \end{array}$ 

Species selected for planting- Neem, Wavla, Arjun, Sisoo, Chinch, Khair, Bor etc.

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
51%
64 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Good if protected well

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditNot available
Not available
Not Done

Fund pattern- Wages pending for want of funds

F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- As there is no TCM, protection needs to be given top priority

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar





### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Manjarwadi

Place- 109

Beat- Narayangaon Round- Narayangaon Range- Junnar Forest Division- Junnar

Forest Circle- Pune

Area of Treatment- Plantation: 4.000 Ha. GPS: Polygon: 4.000 Ha.

Difference- No change

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Degraded land Density- Open Slope- Gentle / Moderate

Available vegetation (Local Names)- Tree, Shrubs, Grass

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Wavla, Raintree, Neem, Sisoo, Bor, Gliricidia, Kashid

C. Survival & Status

Site suitability-

Suitability of species planted- Yes
Plant survival percentage- 8%
Average Height of plants- 169 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Unsustainable

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 912.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 912.00/-

Grazing- Yes, except Glyricidia



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookRecord not produced
Record not produced
Not made available

Financial audit- Not Done Fund pattern- No information

. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Plantation is failed in spite of planting 2200 plants / Ha.

G. Date of Evaluation 03 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar





### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Gunjalwadi

Place- 314

Beat- Belha Round- Belha

Range- Otur Forest Division- Junnar

Forest Circle- Pune

Area of Treatment- Plantation: 4.000 Ha. GPS: Polygon: 4.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Degraded land Density- 0.4 Slope- Gentle

Available vegetation (Local Names)- Tree, Grass

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Neem, Amaltas, Wavla, Aala, Sisoo, Kashid, Siwan, Kanchan,

Sitafal, Siras, Khair, Bor, Jamun etc.

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
49%
86 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Good if protected well

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 1185.92/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1202.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Not available

Measurement Book- Record not produced Cash Book- For await sent to pune

Financial audit- Not Done

Fund pattern- Wages pending for want of funds

. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- No any specific comment

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Choul

Place- Compartment No.732

Beat- Choul Round- Nagaon

Range- Alibaug Forest Division- Alibaug

Forest Circle- Thane

Area of Treatment- Plantation: 26.000 Ha. GPS: Polygon: 26.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV B Density- 0.4 Slope- Gentle / Moderate

Available vegetation (Local Names)- Trees, Shrubs, Grass

**B.** Plantation Details

Model - 400 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 5\times 5 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Teak, Khair, Kaju, Bahwa, Karanj, Aola, Jamun, Siwan, Apta,

Australian babool, Neem etc.

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
74%
162 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- TCM is old one, boundry is totally porous may create problem.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 5938.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 5938.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Wages are pending

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- As TCM is totally filled, proper fencing is required

G. Date of Evaluation 25 Feb 2020

Name of Evaluators Mr. G. P. Garad





### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Dattapur

Place- 537/347 (As per RFO record and in field)

Beat- Kalamb/Dattapur (As per RFO record and in field)
Round- Kalamb / Jodmoha (As per RFO record and in field)
Range- Jodmoha Forest Division- Yawatmal

Forest Circle- Yawatmal

Area of Treatment- Plantation: 3.000 Ha. GPS: polygon: 3.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV b Density- Less than 0.3 Slope- Gentle

Available vegetation (Local Names)- Trees: Teak, Palas, Lendi etc /Shrubs Chilati, Bharati, Dhayati

Ghaneri

**B.** Plantation Details

Model - 400 + 1100 plants/ha.

Spacement-  $5 \times 5, 3 \times 3$ 

Treatment Map- Yes
Soil Zone- Zone-III

Species selected for planting- Cassia, Karanj, Neem, , Chinch, Subabul, Char, Bamboo

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
36%
384 cm
Healthy

Sustainability- Plantation is healthy high chances of Sustainability

D. Protection-

Fencing Status- No Record found, but old TCM was found on peripheri of

plantation.

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- No grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete
Measurement Book- Incomplete
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- From last year Funds not available timely.

F. Overall Rating B+ Grade

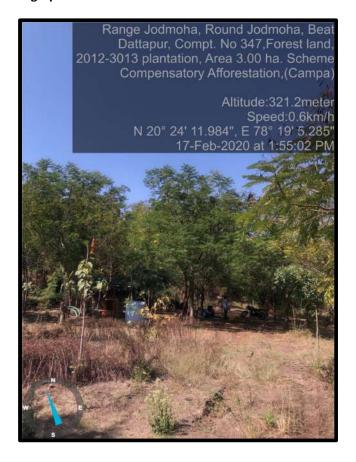
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Inspection authorities should inspects the works as per norms

and should record there inspection notes in plantation register and M B. Nobody inspected Plantation Register and M B

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More





Conditional Works: Site No. 79-103

### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Adul Place- 135 / 316

Beat- Adul Round- Adul

Range- Aurangabad Forest Division- Aurangabad

Forest Circle- Aurangabad

Area of Treatment- Plantation: 2.200 Ha. GPS: Polygon: 2.425 Ha.

Difference- Excess 0.225 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Normal Density- 0.1 / RF Slope- Moderate

Available vegetation (Local Names)- Bahava, Neem, Bor, Henkal, Bor, Kusali, Pavanya, Tendu,

Hiwar, Bhabhul

**B.** Plantation Details

Model - 625 plants/ha.

Species selected for planting- Neem, Bor, Sissoo, Karanj and Awala

C. Survival & Status

Site suitabilitySuitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes
235 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Good

D. Protection-

Fencing Status- 230 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1304.51/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1186.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 4

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Done. Year 18-19

Fund pattern- Yes, But There is no funding flow timely in this year

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Good efforts by staff and people.

G. Date of Evaluation 29 Feb 2020

Name of Evaluators Mr. D. S. Pawar, Mr. P. H. Wagh



### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Babupeth Place- 402

Beat- Babupeth Round- Chandrapur

Range- Chandrapur Forest Division- Chandrapur

Forest Circle- Chandrapur

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 13.000 Ha.

Difference- Excess 3.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- Less than 0.1 Slope- Gente

Available vegetation (Local Names)- Tendu, Amaltash, Kuda, Bondara, Bhirra, Rantulas, Kukutranzi

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- No

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Bamboo

C. Survival & Status

Site suitability- Suitabillity

Suitability of species planted- Yes
Plant survival percentage- 0%
Average Height of plants- 124 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Part of area is water logged. Sustenance is partly.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 6314.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6314.00/-

Grazing- Tender tips of Plants broken



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Not Done

Funds are allotted to RFO after requisition from them only

. Overall Rating B Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Allotment of funds for site specific estimates as per direction

from PCCF vide letter Dtd.1.4.2015 is essential.

Fire damaged the plantation. All sides are not covered with fencing. Grazing is observed. Though irrigation tank & water pipeline installed, is damaged & wastefull expenditure.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. S. M. Jagtap, Mr. B. T. Fartode









### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Masale
Place- G. No. 155

Beat- Masale Round- Masale

Range- Sakri Forest Division- Dhule

Forest Circle- Dhule

Area of Treatment- Plantation: 2.110 Ha. GPS: Polygon: 2.110 Ha.

Difference- Excess 1.890 Ha.

Status of Land- Reserved Forest- No Protected Forest- No

Unclassed Forest- No Received as compensatory land- Yes

Zudpi Jungle- No

Site quality- N.R. Slope-

Available vegetation (Local Names)- Sissoo, Kashid, Khair, Neem, Sitafal, Babhul, Bor, Subabhul

**B.** Plantation Details

Model - 625 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 4\times 4 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-II} \end{array}$ 

Species selected for planting- Khair, Chinch, Neem, Anwala, Karanj, Sissoo, Sitafal, Kawath,

Maharukh, Dhavda, Kansar

C. Survival & Status

Site suitability- N.R.
Suitability of species planted- Yes
Plant survival percentage- 96%
Average Height of plants- 65 cm

Average girth of plants-

General Health of Plants- Unhealthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM - 205 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Sanctioned estimate/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Up-to-date

Cash Book- Not made available

Financial audit- Not Done

Funds flow is not proper. For PPO-PYO funds were provided at

the end of Financial year. For FYO operations ,no funds

received for any item till today.

F. Overall Rating A Grade

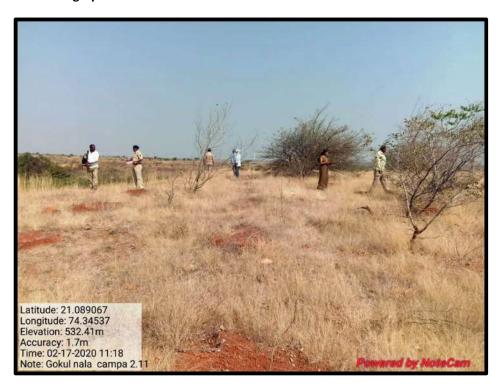
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Chainlink fencing must be part of the scheme. 2) Planting of

tall seeding of atleast 18 months is advocated.

G. Date of Evaluation 17 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare





### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Place-Parle

Beat- Parle Round- Patne

Range- Patne Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 32.860 Ha.

Difference- Excess 22.860 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV b Density- Less than 0.3 Slope- All typea of slope

Available vegetation (Local Names)- Tree: Ain, Arjani, Kumbha, Hirda, Behata, Jambhul. Shrubs:

Karwand, Aliv. Marvel,

**B.** Plantation Details

Model - 400 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{5} \times \mbox{5} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Jamun, Ain, Awala, Hela, Kumbha, Carpus

C. Survival & Status

Site suitability- The side is inside the forest and in patches. The grors area is

more.

Suitability of species planted- Yes Except Silver ouk

Plant survival percentage- 94% Average Height of plants- 45 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- Live Hedge - 500 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2284.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 2284.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 7

Plantation register- Incomplete
Measurement Book- Up-to-date
Cash Book- Up-to-date

Financial audit- Done. Year 2018-19

Fund avialablity is not proper feed back to me.

. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Funds should be provited regularly.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Megholi Place- 300, 301

Beat- Vengarul Round- Gargoti

Range- Gargoti Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 34.397 Ha. (Combined

for 2 sites)

Difference- Excess 29.970 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- Less than 0.4 Slope- All typea of slope

Available vegetation (Local Names)- Shrub: Ranetha, Karwand, Ghaneri, Toran, Danmodi. Grass:

Kusal, Gonodvel, Karad, Kusal

**B.** Plantation Details

Model - 1000 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{5} \times \mbox{2} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Silver Oak, Jamun, Awala, Karanj, Dhavda, Vavala, Bamboo,

Bahava

C. Survival & Status

Site suitability- Suitable however the Gross area more and Honey combing

plantation

Suitability of species planted- Yes
Plant survival percentage- 74%
Average Height of plants- 100 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM - 270 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 753.65/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Up-to-date Measurement Book- Up-to-date Cash Book- Up-to-date

Financial audit- Done. Year 2019-20 Fund pattern- Funding received timely.

### . Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The area is rich is in wild life. The site is good habitat for

Baison, Elephants and Wild Boar. The site should be protected.

G. Date of Evaluation 22 Feb 2020

Name of Evaluators Mr. S. S. Dole







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Nitawade Place- 329

Beat- Nitawade Round- Gargoti

Range- Gargoti Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon: 25.000 Ha.

Difference- No Chanage

Status of Land- Reserved Forest- Yes Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- 0.4-0.5 Slope- All typea of slope

Available vegetation (Local Names)- Trees: Kinjal, Jamun, Awala, Sisam, Asana, Ain. shrub: Rameta,

Toran, Karvand. Grass: Marvel, Kusal, Chiman Chara

**B.** Plantation Details

Model - 400 plants/ha.

Species selected for planting- Jamun, Awala, Karanj, Hed, Shikekai, Apta, Bamboo, Chinch,

Vavala, Dhavada, Phanas, Mango, Sawar

C. Survival & Status

Site suitability- Suitable but density more than 0.4 Natural regenevation is

more to be protceted improved

Suitability of species planted- Yes
Plant survival percentage- 66%
Average Height of plants- 120 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM - 1500 Rmt., Barbed Wire / Chain Link - 1875 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. Nil/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- -



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 0

Plantation register- Up-to-date

Measurement Book- Maintained but not up to date Cash Book- Maintained but not up to date

Financial audit- Not Done

Fund pattern- Funding is proper

### . Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The area is honey combed and wild life is observed. Browsing

noticed and growth of plants is unsatisfactory.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Padkhambe Place-Place-Padkhambe

Beat- Vengarul Round- Gargoti

Range- Gargoti Forest Division- Kolhapur

Forest Circle- Kolhapur

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 34.397 Ha. (Combined

for 2 sites)

Difference- Excess 16.269

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV Density- 0.3 Slope- Moderate

Available vegetation (Local Names)- Jambul, Awala, Dhavada, Asan, Ain, Kingal, Behada, Aliv

**B.** Plantation Details

Model - 1000 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 5 \times 2 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Jambul, Awala, Karanj, Dhavada, Palas, Hed, Khair, Bamboo,

Bahava, Silver Oak

C. Survival & Status

Site suitability
The site is in interior forest un approchable very deep inside

the forest. Plantation are in honey combirg dense honert size

is Suitable

Suitability of species planted- Yes
Plant survival percentage- 71%
Average Height of plants- 40 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Sustainable

D. Protection-

Fencing Status- TCM - 540 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1507.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial audit
Up-to-date
Incomplete
Incomplete
Not Done

Fund pattern- Fundung is Proper

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Inspection paths are required.

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. S. S. Dole, Mr. V. B. Patil







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Borgaon Bazar Place- Survey No.225

Beat- Borgaon Bazar Round- Deori

Range- N.Deori Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 6.480 Ha.

Difference- Excess 1.480 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.2 Slope- Gentle

Available vegetation (Local Names)- Dhavda, Seham, Charch, Ain, Moha, Kada, Zodagard, Kusal

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{No} \\ \text{Soil Zone-} & \text{Zone-III} \end{array}$ 

Species selected for planting- Aawala, Jambhul, Beheda, Hirda, Mahanke, Neem

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of Plants
Suitable
Yes
40 cm
5 cm
Unhealthy

Sustainability- Will not be sustained

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 1050 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 2983.60/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 2984.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- Maintained but not properly filled

Measurement Book- Not duly signed by RFO

Cash Book- Up-to date Financial audit- Done. 2018-19

Funds pattern is regular but irregular in current year i.e.2019-

20.

# F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The boundary of the plantation should be completely

fenced. The planting stock should not be less than 18 months old. The treatment & zonation map should be proper with

details.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Deori Place- 1679 PF

Beat- Deori Round- Deori

Range- N.Deori Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 15.000 Ha. GPS: Polygon 16.230 Ha.

Difference- Excess 1.230 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.4 Average Slope- Gentle

Available vegetation (Local Names)- Char, Bija, Kumbhi, Ain, Palas, Sehanar, Garadi, Ghatbor, Kuda,

Chilati, Neem, Asara, Chikana Grass

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- No

Soil Zone- No zonation done on map. 40% area in zone II and rest in zone

Ш

Species selected for planting- Aawala, Jambhul, Maharukh, Behada, Neem, Hirda, Shivan,

Putranjiva

C. Survival & Status

Site suitability- Not suitable, average 0.4 density and part zone II area

Suitability of species planted- Yes
Plant survival percentage- 52%
Average Height of plants- 65 cm
Average girth of plants- 10 cm

General Health of Plants- Semi-healthy

Sustainability- Will not sustain if no fencing and grazing check.

D. Protection-

Fencing Status- Barbed Wire / Chain Link - 2350 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 8950.80/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 8951.00/-

Grazing- Yes, Due to improper fence



Inspection of Plantations- APCCF - 1, CCF - 0, DCF - 0, ACF - 1, RFO - 2

Plantation register- Maintained but not properly filled

Measurement Book- Payments not duly signed

Cash Book- Up-to date Financial audit- Done. 2018-19

Fund pattern- Funds are received timely. Funds are utilized timely.

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The boundary of the plantation should be completely

fenced. The planting stock should not be less than 18 months old. The treatment & zonation map should be proper with

details.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Nawezari
Place- Comptt.No.72

Beat- Lunava Round- Wadegaon
Range- Tiroda Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 12.000 Ha. GPS: Polygon 13.250 Ha.

Difference- Excess 1.250 ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.1 Slope- Gentle

Available vegetation (Local Names)- Neem, Moha, Hiwar, Garadi, Bharati, Sehana, Ghaneri, Zilbuli,

Kusal, Takla, Marwel, Rantulas, Kharsali

**B.** Plantation Details

Model - 2500 plants/ha.

Spacement-  $2 \times 2$ Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Aawala, Behada, Hirda, Bel, Kawal, Neem, Arjun

C. Survival & Status

Site suitabilitySuitabile
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSustainabilitySuitable
Yes
330 cm
20 cm
Healthy
Sustainabile

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 6699.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6699.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 0, RFO - 0, Others - 3

(Including Principal Secretary, (Forests))

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Done

Fund pattern- Fund flow is regular & timely. Fund are utilized timely.

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) The boundry of the plantation should be completely closed

by effective from up to stop the grazing & biotic interference.

2) The planting stock should not be less than 18 months old 3)
The treatment map, zonation map should be proper &

detailed.

G. Date of Evaluation 24 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Khairibodi
Place- Sr.No. 821, 822

Beat- Tiroda Round- Tiroda

Range- Tiroda Forest Division- Gondia

Forest Circle- Nagpur

Area of Treatment- Plantation: 5.500 Ha. GPS: Polygon: 5.640 Ha.

Difference- Excess 0.140 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.1 Slope- Gentle

Available vegetation (Local Names)- Hiwar, Ain

**B.** Plantation Details

Model - Mixed Plantation Spacement-  $5 \times 5$ ,  $2.5 \times 2.5$ 

Treatment Map- No

Soil Zone- No zonation map prepared

Species selected for planting- Teak, Aawala, Kawaj, Behada, Shivan, Neem, Jambhul, Ritha.

C. Survival & Status

Site suitability- Suitable

Suitability of species planted- Yes, Bower land, ans hirar species

Plant survival percentage- 86%
Average Height of plants- 60 cm
Average girth of plants- 7 cm
General Health of Plants- Healthy

Sustainability- If not well protected, plantation will not sustained.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 1471.25/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1421.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete
Measurement Book- No paid/cancelled

Cash Book- Up-to date Financial audit- Done

Fund pattern- Funds are received monthly given by Divisional Office timely.

Also, utilised timely. Since oct-19 funds not received.

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) The TCM must be effective. It is in santioned estimates. 2) If

barbed wire & chain link fencing is in the estimate, it should be

covered by entire length.

G. Date of Evaluation 22 Feb 2020

Name of Evaluators Mr. A. S. Khune, Mr. D. S. Gadpande







### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Ranipur Wardha

Place- 366 PF

Beat- Sirsi Round- Zarkuli

Range- South Umred Forest Division- Nagpur

Forest Circle- Nagpur

Area of Treatment- Plantation: 1.730 Ha. GPS: Polygon: 2.500 Ha.

Difference- Excess 0.860 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV B Density- 0 Slope- Plain area

Available vegetation (Local Names)- Teak, Sajad, Moha, Bor,

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{3} \times \mbox{3} \\ \mbox{Treatment Map-} & \mbox{Yes.} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Neem, Jamun, Behada, Amaltas, Tamarind, Sitaphal, Umber,

Chinch

C. Survival & Status

Site suitability- Suitable. Site selected is from enchrochment vacated. Place is

suitable for planting.

Suitability of species planted- Jamun is planted but not suitable

Plant survival percentage- 81% Average Height of plants- 65 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Not sustainable because of lack of fencing.

D. Protection-

Fencing Status- TCM - 600 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 1038.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 1065.00/-

Grazing- Not recorded



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 2

Plantation register- Incomplete
Measurement Book- MB not produced

Cash Book- Up-to date
Financial audit- Done
Fund pattern- Regular.

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- If protected may survive.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. V. S. Bhonsle, Mr. S. B. Dabhade



#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kawathe Mahakai Place- FS No. 16 235

Beat- Kawathe Mahakai Round- Warwande

Range- Sangamner Forest Division- Sangamner

Forest Circle- Nashik

Area of Treatment- Plantation: 2.870 Ha. GPS: Polygon: 3.000 Ha.

Difference- Excess 0.130 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- V Density- less than 0.1 Slope- Gentle(0 to 10 degrees)

Available vegetation (Local Names)- Trees-Babhul, Neem, Anjan, Kansar, Grass- Kusal, Kadi,

Tarwad, Ghentuli, Amoni, Henkar, Karwand

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Chinch, Awala, Sitafal, Palas, Bor, Bel, Mehandi

C. Survival & Status

Site suitability- Not suitable - The land selected on the basis of its location

under high power transmission line is murumy with

intermitant stony and rocky patches. It is dry zone

Suitability of species planted- No The locality is has poor quality soil and murum. Rainfall is

very low species like bamboo, bhenda, hirda are not suitable

(215 mm)

Plant survival percentage- 96%
Average Height of plants- 50 cm
Average girth of plants- 4 cm
General Health of Plants- Unhealthy

Sustainability- Unlikely to be sustainable for the reason of planting of tree

spps. Of high rainfall zone.

D. Protection-

Fencing Status- TCM - 139 Rmt., Stone Wall - 21 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 17077.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 17077.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 2

Plantation register- up-to-date Measurement Book- Up-to-date

Cash Book- Sent to pune for audit Financial audit- Done. Year 2019-20

Fund pattern- There was total stoppage of funds during this current financial

year till date of visit of ET.

F. Overall Rating A Grade

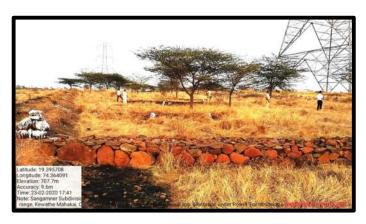
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Evaluater recommends plating of grasses instead of medicinal

plants.

G. Date of Evaluation 23 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Pimpre Khurd

Place- 519

Beat- Walhe Round- Jejuri

Range- Saswad Forest Division- Bhor

Forest Circle- Pune

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 10.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Degraded land Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- Tree, Grass

**B.** Plantation Details

Model - 625 plants/ha.

 $\begin{array}{lll} \mbox{Spacement-} & \mbox{4} \times \mbox{4} \\ \mbox{Treatment Map-} & \mbox{Yes} \\ \mbox{Soil Zone-} & \mbox{Zone-III} \end{array}$ 

Species selected for planting- Sisoo, Neem, Karanj, Sitaphal, Chinch, Wavla, Babul, Kanchan,

Parkinsona etc.

C. Survival & Status

Site suitabilitySuitable Suitability of species plantedPlant survival percentageAverage Height of plants
Suitable
Yes
100%

Average girth of plants-

General Health of Plants- Healthy

Sustainability- Seems to have very good future

D. Protection-

Fencing Status- TCM - 1565 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 6408.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6408.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF/DFO - 2, ACF - 0, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Not Done

Fund pattern- Funds for SYO yet to be received

. Overall Rating A+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Gap in TCM needs to be plugged

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. G. P. Garad, Mr. R. K. Adkar











#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Kamare Place- 100 & 104

Beat- Kamare Round- Shelwal

Range- Palghar Forest Division- Dahanu

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 16.000 Ha.

Difference- Excess 6.000 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III and IV A Density- 0.5 to 0.6 Slope- Moderate

Available vegetation (Local Names)- Tree, Shrubs and climbers

**B.** Plantation Details

Model - 278 plants/ha.

Spacement-  $6 \times 6$ Treatment Map- Yes

Soil Zone- Zone-III

Species selected for planting- Bamboo

C. Survival & Status

Site suitability- Not Suitable. Bamboo plantation is raised in dense bushy

growth of bushes, climbers and undergrowth of natural

regeneration having density 0.5 to 0.6.

Suitability of species planted- No. Bamboo planted in dense bushy undergrowth and middle

story trees having density more than 0.4

Plant survival percentage- 67% Average Height of plants- 40 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Natural regeneration is good but growth of bamboo is not

encouraging due to dense undergrowth.

D. Protection-

Fencing Status- TCM - 61 Rmt. (Part Fending)

Fire- Amount Sanctioned in the estimate- Rs. 6792.40/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6793.00/-

Grazing- Not seen



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to date
Up-to date
Sent for Audit
Not Done

Fund pattern- Late funding at range level. S.Y.O. funds yet not received.

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Bamboo plantation should be suitable in the open area. 2)

Site specific estimate of works should be adopted.

G. Date of Evaluation 18 Feb 2020

Name of Evaluators Mr. N. A. Patil







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Murbad Place- 297, 279

Beat- Murbad Round- Murbad

Range- Kasa Forest Division- Dahanu

Forest Circle- Thane

Area of Treatment- Plantation: 11.960 Ha. GPS: Polygon: 8.800 Ha.

Difference- Less 3.160 Ha.

Status of Land- Reserved Forest- Yes (Deemed R.F. Acquired private forest)

Protected Forest-No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A Density- 0.1 Slope- Gentle

Available vegetation (Local Names)- Only shrubs like Bor, Ain, Grasses are available

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- No

Soil Zone-II, Zone-III

Species selected for planting- Aawala, Sitaphal, Kavath, Neem, Cashew, Jambhul, Karanj,

Mango, Shatawari etc.

C. Survival & Status

Site suitability- Overall soil is suitable for medicinal plantation.

Suitability of species planted- Some of the species like Shatawari (not survival) Mango,

cashew are fruit trees.

Plant survival percentage- 65% Average Height of plants- 40 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Not sustainable as per the present condition of surviving

seedlings.

D. Protection-

Fencing Status- TCM - 132 × 2 Rmt. (Part Fencing)

Fire- Amount Sanctioned in the estimate- Rs. 8123.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 7499.00/-

Grazing- Yes



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation registerMeasurement BookCash BookFinancial audit
Incomplete
Not in book form
Up-to date
By C.A.

Fund pattern- PYO & FYO - funds received in time. However 2nd year funds

yet not received.

F. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Uncontrolled grazing damaged the plantation.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. N. A. Patil





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Babare Place- 691

Beat- Bahare Round- Kharada

Range- Dolkhamb Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation: 25.000 Ha GPS: Polygon: 53.200 Ha.

Difference- Excess 28.200 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III / IV Density- 0.6 Slope- Heavy

Available vegetation (Local Names)- Teak, Ain, Palas, Hed, Kalamb, Dhavda, Kahandol, Karwand,

Murudsheng, Grasses-Marvel

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone- Zone-II, Zone-III, Zone-III Species selected for planting- Teak, Shivan, Khair

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
81%
55 cm
45 cm
Healthy

Sustainability- Sustainable provided fire protection is done

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 140938.15/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 1, ACF - 2, RFO - 2

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Not Done

Fund pattern- No funds were received for any FYO operations

. Overall Rating B+ Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Nil

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Khaira Place- 687

Beat- Musai Round- Shenva

Range- Dhasai Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation 25.000 Ha. GPS: Polygon 30.472 Ha.

Difference- Excess 5.472 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III Density- 0.5 Slope- Gentle(0 to 10 degrees)

Available vegetation (Local Names)- Teak, Ain, Palas, Hed, Kalam, Dhavda, Kahandol, Karwand,

Murudsheng, Grasses-Marvel

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3
Treatment Map- Yes

Soil Zone- Zone-II, Zone-III, Zone-III Species selected for planting- Teak, Shivam, Khair

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
87%
65 cm
65 cm
Healthy

D. Protection-

Sustainability-

Fencing Status- TCM - 1330 Rmt., Sonewall - 20 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 7290.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-

Grazing- Yes , light grazing



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 2

Plantation register- Up-to-date
Measurement Book- Up-to-date
Cash Book- Up-to-date
Financial audit- Done

Fund pattern-

Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure-

G. Date of Evaluation 27 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Murabicha pada

Place- 674

Beat- Murabipada Round- Sarangpuri

Range- Dhasai Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon 16.400 Ha.

Difference- Excess 6.400 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- II-Normal Density- 0.7 Slope- Moderate (10 to 25 degrees)

Available vegetation (Local Names)- Teak, Sadada, Khair, Bandara, Varas, Kahandol, Karawand,

Toran, Ukshi, Burada, Kuda(Both) Grass-Telya, Pawanya,

Bhatani

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Bamboo (Dendrocalamus strictus)

C. Survival & Status

Site suitability- Sustainable. as the site has all associate species of Bamboo.

Suitability of species plantedPlant survival percentageAverage Height of plants
Average girth of plants
General Health of Plants
Healthy

Sustainability- -

D. Protection-

Fencing Status- TCM - 319.5 Rmt., Stonewall - 225.70 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 3396.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 1

Plantation registerMeasurement BookCash BookFinancial auditUp-to-date
Up-to-date
Not Done

Fund pattern-

# . Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Site specific estimates should be prepared. 2) Watchman

should be provided for protection.

G. Date of Evaluation 26 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Khaira Place- 95,96

Beat- Musai Round- Shenva

Range- Dhasai Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation: 25.000 Ha. GPS: Polygon 35.360 Ha.

Difference- Excess 10.360 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III-Normal Density- 0.2 Slope- Heavy
Available vegetation (Local Names)- Teak, Ain, Dhavada, Bondona, Mona

**B.** Plantation Details

Model - 400 plants/ha.

Spacement-  $5 \times 5$ Treatment Map- Yes

Soil Zone-I, Zone-II, Zone-III

Species selected for planting- Bamboo (Dendrocalamus strictus), Khair, Shivan

C. Survival & Status

Site suitability- Suitable
Suitability of species planted- Yes
Plant survival percentage- 88%

Average Height of plants- Bamboo-150 cm, Others-80 cm

Average girth of plants- 5 cm General Health of Plants- Healthy

Sustainability- -

D. Protection-

Fencing Status- TCM - 381 Rmt, Live Hedge - 369 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 7390.00/-

Execution of the work- Work Not Done

Expenditure/Payment of the work- Rs. 0.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 2

Plantation registerMeasurement BookCash BookFinancial auditUP-to-date
Up-to-date
Not Done

Fund pattern-

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Shivan is damaged by browsing hence instead of Shivan,

Moha is recommended for planting. 2) Area infested with heavy grass hence its cutting and bailing is recommended.

G. Date of Evaluation 27 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Shera

Place- Survey No-4.No-489

Beat- Shera Round- Shera

Range- Shahapur Forest Division- Shahapur

Forest Circle- Thane

Area of Treatment- Plantation: 9.059 Ha. GPS: Polygon: 16.059 Ha.

Difference- Excess 7.000 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- III Density- less than 0.1 Slope- Gentle(0 to 10 degrees)

Available vegetation (Local Names)- Ber, Bhatani, Teak, Ain, Palas, Dhawada Bamboo, Sawar,

Shemat

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ Treatment Map- Yes

Soil Zone-II, Zone-III

Species selected for planting- Awala, Behada, Hirda, Shivam, Chich, Teak, Bamboo, Neem,

Kahandol, Bahara

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsAverage girth of plantsGeneral Health of PlantsSuitable
Yes
84%
50 cm
4 cm
Healthy

Sustainability- sustainable, provide protected from biotic interference

D. Protection-

Fencing Status- TCM - 924 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 6153.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6153.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 3

Plantation register- up-to-date Measurement Book- Up-to-date

Cash Book- Not made available

Financial audit- Not Done

Fund pattern- No timely available of funds for plantation opertions

#### F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- 1) Chainlink fencing is recommended. 2) Capacity building of

record maintenance of staff.

G. Date of Evaluation 28 Feb 2020

Name of Evaluators Mr. S. K. Gawali, Mr. B. R. Challare







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Bhorande
Place-726

Beat- Diwanpada Round- Moroshi
Range- Tokawade - South Forest Division- Thane

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 12.500 Ha.

Difference- Excess 2.500 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Mix forest 4A Density- RF 0.4 Slope- Heavy

Available vegetation (Local Names)- Tree.

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement-  $3 \times 3$ 

Treatment Map- Yes, Not Authenticated Soil Zone-I, Zone-II, Zone-III, Zone-III

Species selected for planting- Jambhul, Karanj, Awala, Kawat, Ritha, Vehala, Chinch, Shishu,

Adulsa and Nirgudi

C. Survival & Status

Site suitability- Not suitable. The compartment No. is 726 and the slope of the

hill is more than 250

Suitability of species planted- Yes
Plant survival percentage- 93%
Average Height of plants- 120 cm

Average girth of plants-

General Health of Plants- Healthy
Sustainability- Doubtful.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 30253.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6992.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- Up-to date Measurement Book- Up-to date

Cash Book- Notmade available by JFM

Financial audit- Not Done

Fund pattern- For PPO and FYO work the funds were received on time,

however for SYO work no funds were received.

# F. Overall Rating A Grade

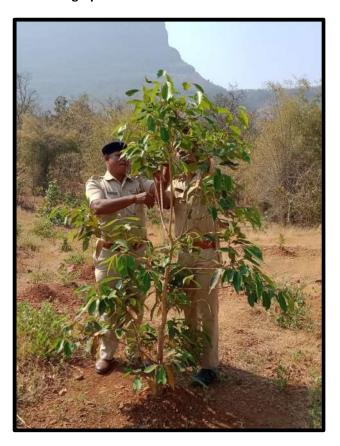
(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- The RFO, on his own validation has started drip irrigation by

use of plastic bottles in the area of first two grids only.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. A. R. Thakre





#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site-Pendhare
Place-Comp. No. 737

Beat- Pendhare Round- Pendhare Range- Tokawade - South Forest Division- Thane

Forest Circle- Thane

Area of Treatment- Plantation: 5.000 Ha. GPS: Polygon: 7.500 Ha.

Difference- Excess 2.500 Ha.

Status of Land- Reserved Forest- Yes Protected Forest- No.

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV A, Normal Density- RF 0.4 Slope- Moderate

Available vegetation (Local Names)- Teak, Ain, Dharava, Bhend, Hund, Lokhandi, Kinhaia, Nana

**B.** Plantation Details

Model - 1111 plants/ha.

Spacement- 3 × 3

Treatment Map- Yes, Not Authenticated

Soil Zone-II Zone-II

Species selected for planting- Sitaphal, Velha, Karanj, Jambhul, Kavat, Awala, Bahava, Chinch

C. Survival & Status

Site suitability- Not suitable. The compartment No.737 is allotted to

Improvement Working Circle and it could have been worked accordingly. Here, the growth of Teak is very poor and

stunted. This is a good area for NR model.

Suitability of species planted- Yes
Plant survival percentage- 78%
Average Height of plants- 100 cm

Average girth of plants-

General Health of Plants- Unhealthy

Sustainability- Will not sstain unless proper silvicultural activities are

undertaken.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 15126.50/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 3396.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 0

Plantation register- Incomplete Measurement Book- Up-to date

Cash Book- JFMC Cashbook not made available

Financial audit- Not done

Fund pattern- For PPO and FYO work the funds were received on time,

however for SYO work no funds were received.

# F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Silvicultural operatoins, proper weeding and soil working

needs to be attended.

G. Date of Evaluation 19 Feb 2000

Name of Evaluators Mr. A. R. Thakre







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Karchonde and Zadghar Place- 145 Zadghar, 43 Kochare

Beat- Tokawade Round- Tokawade Range- Tokawade North Forest Division- Thane

Forest Circle- Thane

Area of Treatment- Plantation: 10.000 Ha. GPS: Polygon: 14.120 Ha.

Difference- Excess 4.120 Ha.

Status of Land- Reserved Forest- No Protected Forest- Yes. Alloted to JFM

Committee Donderwadi

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- Grass land Density- Less than 0.4 Slope- Gentle

Available vegetation (Local Names)- It's a open track, rather a grass land at Zadghar. It's a stunted

growth of trees of Ain, Saag, Kirmira and others at Karchonde.

**B.** Plantation Details

Model - 1111 plants/ha.

 $\begin{array}{lll} \text{Spacement-} & 3\times 3 \\ \text{Treatment Map-} & \text{Yes} \\ \text{Soil Zone-} & \text{Zone-I} \end{array}$ 

Species selected for planting- Kaju, Awala, Ritha, Adulsa, Kanchan (Both sites)

C. Survival & Status

Site suitability- Not suitable. In survey No. 43 the entire area is covered with

thick growth of Teak and Ain coppice shoots. In survey no. 145 Zadgar, the site is under transmission line and the area has sheet rocks which covers more than half of the plantation

area. It is a barren grass land.

Suitability of species planted-Yes
Plant survival percentage-25%
Average Height of plants-90 cm

Average girth of plants-

General Health of Plants- Semi-healthy

Sustainability- Poor.

D. Protection-

Fencing Status- No

Fire- Amount Sanctioned in the estimate- Rs. 30253.00/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 6792.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 0, RFO - 1

Plantation register- Incomplete Measurement Book- Up-to date

Cash Book- Not available (It was informed that JFMC CB has been sent to

division office)

Financial audit- Not done

Fund pattern- Funding is in irregular pattern.

F. Overall Rating C Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Site selection and preparation of treatment map, needs to be

properly monitored by higher authorities. Their guidance

particularly in selection of site, is very important.

G. Date of Evaluation 20 Feb 2020

Name of Evaluators Mr. A. R. Thakre







#### SITE WISE EVALUATION ABSTRACT

A. Description of site

Name of Site- Gavara
Place- Compt no 55

Beat- Junoni Round- Matharjun

Range- Jamni Forest Division- Pandharkawada

Forest Circle- Yawatmal

Area of Treatment- Plantation: 5.000 Ha.

GPS: Polygon: 5.000 Ha.

Difference- No change

Status of Land- Reserved Forest- Yes Protected Forest- No

Unclassed Forest- No Received as compensatory land- No

Zudpi Jungle- No

Site quality- IV b Density- Less than 0.2 Slope- Gentle

Available vegetation (Local Names)- Trees Teak, Tendu, Dhawada, Yen, Bahawa, Palas, Pimple,

Neem, / Shrubs Chilati, Bharati, Herbs, Rajmonia / Grasses

Rantulas, Kusal, Kambarmodi, Marvel

**B.** Plantation Details

Model - 625 plants/ha.

Spacement-  $4 \times 4$ Treatment Map- Yes
Soil Zone- Zone-II

Species selected for planting- Behada, Bel, Karani, Neem, Jambhul, Awala, Shatawari, Adulsa,

Chandan, Kadamba, and Patharchur.

C. Survival & Status

Site suitabilitySuitable
Suitability of species plantedPlant survival percentageAverage Height of plantsSuitable
Yes,
89%
98 cm

Average girth of plants-

General Health of Plants- Healthy

Sustainability- In first year itself all plants are well established so plantation

will sustain

D. Protection-

Fencing Status- TCM - 1020 Rmt.

Fire- Amount Sanctioned in the estimate- Rs. 3607.70/-

Execution of the work- Work Done

Expenditure/Payment of the work- Rs. 3606.00/-



Inspection of Plantations- APCCF - 0, CCF - 0, DCF - 0, ACF - 1, RFO - 2

Plantation register- Up-to date
Measurement Book- Up-to date
Cash Book- Up-to date
Financial audit- Not Done

Fund pattern- year Funds not available timely

F. Overall Rating A Grade

(Excellent – A+, Very Good – A, Good – B+, Average – B, C-Poor)

Reasons for success/ Failure- Very good efforts taken by field staff for raising the plantation.

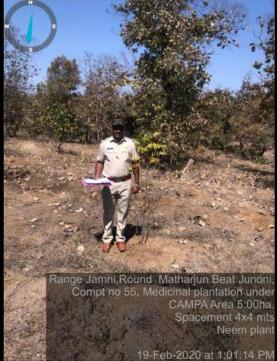
Planting stock is also good. Chandan Plants were introduced in

Mix Medicinal plantation.

G. Date of Evaluation 19 Feb 2020

Name of Evaluators Mr. U. M. Dhopeshwarkar, Mr. R. T. More







# MAHARASHTRA COMPENSATORY AFFORESTATION FUND MANAGEMENT AND PLANNING AUTHORITY (Maha CAMPA)

Vanbhavan, Ramgiri Road, Civil Line, Nagpur-440001

# Evaluation Report of CAMPA Plantation Works

**In Maharashtra State** 

Period: 2011-12 to 2019-20

\*\*\*

Chief Executive Officer Maha CAMPA, Nagpur