

FORMATS FOR EVALUATION OF PLANTATIONS RAISED UNDER ALL SCHEMES FOR THE PERIOD FROM 2022-23 TO 2025-26

Method of inspection:

1. Inspection of quality of plantation: 2% area of each of the plantation site is to be inspected by laying random sample plots of size 40m.x 25m. spacing, height & Girth have to be measured from sample plots selected for evaluation.

Photographs of plantation sites before & after plantation are required to be provided.

Reporting format for evaluating team:

1. General information:
 - (a) Division:- Bhadrak Wildlife Division
 - (b) Range:- Bhadrak Wildlife Range
 - (c) Section:- Agarapada Section
 - (d) Beat: Barapada Beat
2. Information of the plantation site:
 - (a) Name of the site (with longitude & latitude) (GPS reading):- Chadheya UTP Block Plantation
 - (b) Legal status of the site:- Village Forest & Grochan
 - (c) Year of plantation:- 2024-25
 - (d) Name the scheme:- GMM
 - (e) Type of plantation @ Economic/ Bald Hill/ ANR with Gap plantation/ Avenue/ NBM/ GIM/ GMM etc.- UTP
 - (f) Area (in ha.) as per target:- 2.84 Hec.
 - (g) Construction of signboard at the plantation site:- Existing
3. Plantation Journal:-
 - ☒ (a) Properly maintained:-
 - (b) Partly maintained:-
 - (c) Not maintained:-
4. Map of the afforestation site:
 - ☒ (a) Prepared:-
 - (b) Not prepared:-
5. Treatment Map:-
 - (a) Prepared:-
 - (b) Not prepared:-
6. Area of the plantation:-
 - (a) Gross area of the plantation:- 2.84 Hec.
 - (b) Net area planted :- 2 Hec.
 - (c) No. of pillars posted:- 14 nos.
 - (d) Whether pillars are numbered:- Yes.
7. Pitting register:-
 - ☒ (a) Maintained:-
 - (b) Not Maintained:-
8. Plantation design approved by ACF: Yes
9. Plantation:- Chadheya (UTP) Block Plantation 2024-25 (GMM)
3000 nos.

(An area of each plantation site is to be inspected. Sampling plots of 40m.x25m are to be delineated randomly for recording following information).

(a) Species wise seedlings planted:

Sl No	Sample Plot	GPS Reading	No. of plants plannted	No. of plants survived	Survival %
1	1	N 21.083428 E 86.433123	3000 nos.	2985	95%
		N 21.119829 E 86.4440122	160	152	
		N 21.119799 E 86.450582			
		N 21.117804 E 86.450617			

(b) spacing adopted. 2.5 mtr X 2.5 mtr

(c) (i) No of seedlings planted in the whole plantation as per record. 3000 nos.

(ii) No. of seedlings planted in the whole plantation calculated based on 2% sampling mentioned above. 3000 nos.

(iii) Difference if any the reason of casualty.

(d) Survival percentage (Avg.): 95%.

(e) Average height growth of the species.

Species	Min. Height	Max. Height	Average Height	Remarks
Argun	5'	9'	8'	
Kanariya	4'	5'	4.5'	
Keem	5'	8'	7'	
Jamba	4'	5'	4.5'	
Balo-Sirao	6'	13'	11'	
Methagani	6'	10'	8'	
Bahada	4'	5'	4'	

a) Fencing:

b)

Type of Fencing adopted	Length in M		Difference if any	Remarks
	As per record	As per physical verification		
Chain link fence with intermediate postings of RCC pillars	823.78 mtr	823.78 mtr		

c) Avenue plantation

100% of the total Row KM of avenue plantation of each plantation site will be inspected and height and survival % will be measured.

Name of the Division	Site plantation with GPS reading at both the ends	Length in RKM	No of planted species wise	Height in cm.			No of plants survived	Survival %	Fencing		Remark
				Min	Max	Avg			Type	Length(in meter)	

d) General observation by Evaluation Team:-

(a) Suitability of the site for Plantation :- It is suitable site for plantation

(b) Site specific right choice of the species:- Suitable species has been planted

(c) Reasons for high / low survival percentage:- For condition is good for survival

(d) Suggestions by Evaluation Team:- As good plantation condition is good

(e) Others if any:-

Signature of the field staff

Kamal Chandra Barua
Forest Guard

Signature of the evaluation Team
Including VSS/PRI members

1. Babul Mallick, DY RO
Dt. 16.10.25
2. Koushik Chandra Baskelari
3. Pritabes Sankha S. Dhamra
4. Sutarni Bhaia, F.O. ^{Deot}
5. Madhusmita Das Fg
6. Jyotsnamayee Panda Fg.