

28/11/28

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

### Method of Inspection:

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 (WB) Division
- (b) Range: - Chandbali (WB) Range
- (c) Section: - Chandbali (WB) Section
- (d) Beat: - Neruali Beat

#### 2. Information of the Plantation Site:

- (a) Name of the site (with longitude & latitude) (GPS reading):- Kuanas to Kjemat Hill
- (b) Legal Status of the site:- plantation- 2022-23
- (c) Year of plantation:- 2022-23
- (d) Name of the Scheme:- GMM
- (e) Type of plantation: (Economic/ Bald Hill/ ANR with Gap Plantation/ Avenue/NBM/GIM/GMM etc.) - Avenue plantation
- (f) Area (in ha.) as per target :- 3 Rkm
- (g) Construction of signboard at the plantation site:- yes

#### 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: -
- (b) Net area planted: -
- (c) No. of pillars posted:-
- (d) Whether pillars are numbered:-

#### 7. Pitting Register :-

- (a) Maintained :- maintained
- (b) Not Maintained:-



8. Plantation design approved by ACF: yes

9. Plantation:

(An area of each plantation site is to be inspected. Sampling plots of 40 m x 25 m are to be delineated randomly for recording following information).

(a) Species wise seedlings planted:

Sl. No	Sample plot	GPS Reading	No. of plants planted	No. of plants survived	Survival %

(b) Spacing adopted. 4m x 4m

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

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

(iii) Difference if any the reason of casualty.

(d) Survival Percentage (Avg): -

(e) Average height growth of the species:-

SL No.	Name of the species	Min. Height. (in cm)	Max. Height (in cm)	Av. Height (in cm)

10. Fencing:

Type of Fencing adopted	Length in Metre		Difference if any	Remarks
	As per record	As per physical verification		
<u>Bamboo gabion &amp; poles</u>	<u>- 10.</u>	<u>Bamboo gabions &amp; poles.</u>	<u>- 10.</u>	

11. 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 of Plantation with GPS reading at both the ends	Length in RKM	No. of plants planted species wise	Height in cm.			No. of plants survived	Survival %	Fencing		Remarks
				Min	Max	Avg			Type	Length (in meter)	
1	2	3	4	5	6	7	8	9	10	11	12

that means starting  
N-  
E-  
Ends  
11-20-79443  
2-26-793055  
3 RKM total-750 nos of plant  
(Chakuda-90, P. Radam-250, Sisun-50, Neem-200, R. Chuda-20, R. Chuda-50)  
Chakuda-15' 15" 11"  
P. Radam-11' 14" 10"  
Sisun-12' 16" 11"  
Neem-10' 15" 11"  
R. Chuda-13' 16" 11"  
R. Chuda-12' 15" 11"  
Total-4960 nos of plant survived  
61.33%  
Bamboo gabions & bamboo poles.



12. General observation by Evaluation Team:-

(a) Suitability of the site for plantation:-

Suitability of site for plantation

(b) Site specific right choice of the species:-

Right choice of species

(c) Reason for high / low survival percentage:-

Moisture interference

(d) Suggestions by Evaluation Team:-

(e) Others if any:-

Signature of the field staff

Giasat Kumar Behera

Signature of the evaluation team  
including VSS/PRI members

Abhishek Kumar Mahapatra, FRO

Seeshila Kumar Singh Fm.

Laxmi Kanta Mahapatra

Chandra Kanta Boudh

Pradeep Kumar Jena

Laxmi Jena Boudh