

2/10/25

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 (WL)
(b) Range: - Chandbali (WL)
(c) Section: - Tihidi (WL)
(d) Beat: - Tihidi (WL)

2. Information of the Plantation Site:

- (a) Name of the site (with longitude & latitude) (GPS reading):- Bahadrapur to Kanatik
(b) Legal Status of the site:- PMGSY Road N - 21.020592 } Start point
(c) Year of plantation:- 2023-24 E - 86.713508 }
(d) Name of the Scheme:- MGNREGS N - 20.992913 } End point
(e) Type of plantation: (Economic/ Bald Hill/ ANR with Gap Plantation+ 86.691057 }
(f) Area (in ha.) as per target :- 8 Rkm (2000 plants)
(g) Construction of signboard at the plantation site:- Sign Board Constructed

3. Plantation Journal: -

- (a) Properly maintained:-
(b) Partly maintained:-
(c) Not maintained:-

Maintained properly

GPS - N - 21.015897
E - 86.710674

4. Map of the afforestation site:

- (a) Prepared: -
(b) Not prepared: -

Prepared

5. Treatment Map: -

- (a) Prepared: -
(b) Not Prepared: -

NR

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:-

10 Rkm
8 Rkm
NR

7. Pitting Register :-

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

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.

(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		
Bamboo Gabion	Bamboo Gabion	Bamboo Gabion	None	-

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

Bhadrach (W) 21.020592N 86.713508E 88km 2000 Nos of plants 1112 Nos 1112 = 55.6% out of 2000 Nos. Requires immediate Protection

End - 20.992913N 86.691057E 88km 2000 Nos of plants 1112 Nos 1112 = 55.6% out of 2000 Nos. Requires immediate Protection

Height in cm: 1' 8" 6", 2' 4" 3", 3' 2" 2", 4' 12" 8", 5' 12" 8", 6' 10" 3", 7' 8" 6", 8' 12" 8"

12. General observation by Evaluation Team:-

- (a) Suitability of the site for plantation:-
- (b) Site specific right choice of the species:-
- (c) Reason for high / low survival percentage:-
- (d) Suggestions by Evaluation Team:-
- (e) Others if any:-

Suitable

Species are rightly chosen,
Moderate Survival

If possible, roads C/P with
proper maintenance and protection

Signature of the field staff

Maheshwar Mathi

Signature of the evaluation team
including VSS/PRI members

Atul Kumar Mishra, P.O.

Seetha Kumar Singh P.O.
Harinar Sethi,

P. Watcher
Pradeep Kumar Jena.

P. Watcher

Debasish Barik.

(P. Suman)

Laxmi Mohar Barik
(P. Suman)