

31/10/25

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 (W) Division
 - (b) Range: - Chandbali (W) Range
 - (c) Section: - Karanja (W) Section
 - (d) Beat: - Karanjamal Beat
2. Information of the Plantation Site:
 - (a) Name of the site (with longitude & latitude) (GPS reading):- Karanjamal to Saraswati
 - (b) Legal Status of the site:- R.O Road Hiv plantation - 2024-25
 - (c) Year of plantation:- 2024-25 N- 20.893935
 - (d) Name of the Scheme:- MNRFUS E- 86.911645
 - (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 :- 5 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: - 6 Rkm
 - (b) Net area planted: - 5 Rkm
 - (c) No. of pillars posted: -
 - (d) Whether pillars are numbered: -
7. Pitting Register :-
 - (a) 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. 4 mtr x 4 mtr.

(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 & poles</u>	<u>40</u>	<u>bamboo gabion & poles protect the plants.</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

Wadakhari Starting 5 RKM Total-1250 nos Neem-6'8"5" Total-780 nos of
4-20-993935 of plant-planted Karanja-4'6"5" plants survived
E-26-911645 Tenteli-3'8"6" but of 1250 Survival
ending Neem-400, Karanja-50 Richuda-6'9"5" 62.4% Bamboo gabion
4-20-992711 Tenteli-200, Richuda-200 Karanja-6'8"5" & poles.
4-20-992711 chakunda-200, pista-50 chakunda-6'9"5"
2-26-88891 chakunda-100, maha neem-20 maha neem-6'9"5"
total= 1250 nos

12. General observation by Evaluation Team:-

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

Signature of the field staff

Panchanan Das

Signature of the evaluation team
including VSS/PRI members

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