

④ ANR Gap Plantation at mardaragapur over 25ha 2025/26
Formats to be adopted for monitoring and evaluation of Plantations of @500/-

1. General Information:

- (a) Division :- Beshampur
(b) Range :- Samanthipuli
(c) Section :- Surangi
(d) Beat :- Kelua

2. Information of the Plantation Site : ANR mardaragapur over 25ha 2025/26

- (a) Name of the site (with longitude & Latitude) (GPS reading) :- 19.170009-N
(b) Legal status of the site :- Rhesimola DPF 84.553782-E
(c) Year of plantation :- 2025-26
(d) Type of plantation: (Economic/Bald Hill/ 13FC/Bamboo(SP)/ANR with Gap Plantation/ANR (Silvi)/TOF/Avenue/NBM etc - ✓
(e) Area (in ha.) :- 25ha
(f) Construction of signboard at the plantation site :- Yes
(g) Name of Working Circle :- RWC

3. Plantation Journal :-

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

4. Plantation Design and Map of the afforestation site :

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

5. Treatment map :

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

6. Pitting Register :

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

7. Planting Register :

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

8. Area of the Plantation :

- (a) Gross area of the plantation :- 27.8ha
(b) Net area planted :- 25ha
(c) No. of pillars posted :- 20
(d) Whether pillars are numbered :- Yes
(e) Whether the area of the plantation is fully covered :- only treatment area

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Delineated :-

10. Plantation :

(a) Species wise seedlings planted : 2 nos of sample plot

Species	Number	Species	Number	Species	Number
		Ghambasi	90		
		Sisoo	80		
		Sitophala	74		
		Pomalon	70		

314/320

(ii) No of seedlings planted in the whole plantation calculated based on 1% sampling mentioned above. 314

(d) Survival percentage :- 98%

[illegible]

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ANR with gap Plantation :

Naturally regenerated area :-

Name of the site	Status of Land	Name of Working Circle	GPS reading at midpoint of the site	Target (in ha.)	Area Achieved (in ha)	Average number of new coppice shoots formed per ha*	Remarks
1	2	3	4	5	6	7	8
ANR	Rhusimola	R.W.C	19.169218	25	4.5		
masdara	DPE		84.555308				
pur	28ha						

* The average number of new coppice shoots formed may be ascertained through 1% sampling of the treatment area by laying random sample plot of size 40mX25m.

(b) Gap planting area :- 4.5 Ha

(Whether the gap plantation has been carried out in sizable gaps of more than 0.4 hac. Or planted all over the area.)

(c) Information on gap planting area to be collected as per para 9 above.

12. SMC activities taken up in the afforestation site :- - No -

(i) Type and numbers as per record

(ii) Type and numbers as per physical verification

(iii) Difference if any with reason

13. Fencing : Brush wood.

Type of Fencing adopted	Length in m		Difference if any	Remarks
	As per record	As per physical verification		
Brush		750		
wood				

14. Participation of V.S.S. in plantation / protection programme: - No -

(a) Maintenance of VSS register :-

(b) No of meetings held :-

(c) Mode of protection of plantation :-

(d) Fire incidence in the plantation site :-

(e) Podu cultivation in the plantation site :-

(f) Usufruct obtained from the plantation site :-

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General observation :-

- (a) Suitability of the site for plantation :-
- (b) Site specific right choice of the species :-
- (c) Reason for high / low survival percentage :-
- (d) Other if any :-

16. Area Assessment of the Afforestation site

- (a) Name of the Afforestation site **ANR with Gap Plantation 25 Ha 2025-26**
- (b) Area in ha as per record and as per field inspection **25 Ha**
- (c) No of Plantation Pillars

Pillar No.	As per Map / Field Book	As per field	Remarks
	GPS reading	GPS reading	
1		19.170171	
		84.553761	
19		19°10'18.0"N	
		84°33'27.0"E	
20		19°10'14.0"N	
		84°33'19.0"E	

- (d) Difference of area if any with respect to field and actual measurement and reason thereof.

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Pillars GPS reading

- ① $19^{\circ} 10' 12.0'' N$
 $84^{\circ} 33' 13.0'' E$
- ② $19^{\circ} 10' 11.0'' N$
 $84^{\circ} 33' 10.0'' E$
- ③ $19^{\circ} 10' 10.0'' N$
 $84^{\circ} 33' 10.0'' E$
- ④ $19^{\circ} 10' 09.0'' N$
 $84^{\circ} 33' 06.0'' E$
- ⑤ $19^{\circ} 10' 08.0'' N$
 $84^{\circ} 33' 04.0'' E$
- ⑥ $19^{\circ} 10' 01.0'' N$
 $84^{\circ} 33' 06.0'' E$
- ⑦ $19^{\circ} 10' 00.0'' N$
 $84^{\circ} 33' 08.0'' E$
- ⑧ $19^{\circ} 10' 01.0'' N$
 $84^{\circ} 33' 12.0'' E$
- ⑨ $19^{\circ} 10' 03.0'' N$
 $84^{\circ} 33' 14.0'' E$
- ⑩ $19^{\circ} 10' 03.0'' N$
 $84^{\circ} 33' 16.0'' E$
- ⑪ $19^{\circ} 10' 05.0'' N$
 $84^{\circ} 33' 19.0'' E$
- ⑫ $19^{\circ} 10' 05.0'' N$
 $84^{\circ} 33' 22.0'' E$
- ⑬ $19^{\circ} 10' 06.0'' N$
 $84^{\circ} 33' 23.0''$
- ⑭ $19^{\circ} 10' 06.0'' N$
 $84^{\circ} 33' 29.0'' E$
- ⑮ $19^{\circ} 10' 01.0'' N$
 $84^{\circ} 33' 32.0'' E$
- ⑯ $19^{\circ} 10' 06.0'' N$
 $84^{\circ} 33' 35.0'' E$
- ⑰ $19^{\circ} 10' 12.0'' N$
 $84^{\circ} 33' 33.0'' E$
- ⑱ $19^{\circ} 10' 17.0'' N$
 $84^{\circ} 33' 33.0'' E$
- ⑲ $19^{\circ} 10' 18.0'' N$
 $84^{\circ} 33' 27.0'' E$
- ⑳ $19^{\circ} 10' 14.0'' N$
 $84^{\circ} 33' 19.0'' E$

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