

Formats to be adopted for monitoring and evaluation of Plantations of

1. General Information:

- (a) Division :- Berhampur
(b) Range :- Khalikot
(c) Section :- Purusottampur
(d) Beat :- Purusottampur

2. Information of the Plantation Site :

- Bada Kanda Baldhill 2025-26 10ha
(a) Name of the site (with longitude & Latitude) (GPS reading) :- Bada Kanda Baldhill : 19°35'51" 84°50'40"
(b) Legal status of the site :- Asun DPF
(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.) :- 10ha
(f) Construction of signboard at the plantation site :- Yes
(g) Name of Working Circle :-

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 :- 11.4ha
(b) Net area planted :- 10ha
(c) No. of pillars posted :- 1200
(d) Whether pillars are numbered :- Yes
(e) Whether the area of the plantation is fully covered :- Yes

Kunda
FORESTER
PURUSHOTTAMPUR

Sprinkler

Delineation of 4 Ha. Plot :

- (a) Delineated :- ✓
- (b) Not Delineated :-

10. Plantation :

(1 % area of each plantation site is to be inspected. Sampling plot of 40mX25m are to be delineated randomly for recording following information.)

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

Species	Number	Species	Number	Species	Number
Crambe	52				
Noen	70				
P. Siso	60				
Dev	50				
Siso	80				

- (b) Spacing adopted $2.5\text{ m} \times 2.5\text{ m}$
- (c) (i) No. of seedlings planted in the whole plantation as per record. 16000 Nos

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

(iii) Difference if any and reason thereof.

- (d) Survival percentage :- 97%

- (e) Average height growth of the species :-

[illegible]

FORESTER
PURUSHOTTAMPUR

Springer

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

* 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 :- 10 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 : wire mesh

Type of Fencing adopted	Length in m		Difference if any	Remarks
	As per record	As per physical verification		
wire mesh	2500	350		

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 :-

Kandam
FORESTER
PURUSHOTTAMPUR

Sprinkler

General observation :-

- Suitability of the site for plantation :-
- Site specific right choice of the species :-
- Reason for high / low survival percentage :-
- Other if any :-

16. Area Assessment of the Afforestation site

- Name of the Afforestation site
- Area in ha as per record and as per field inspection
- No of Plantation Pillars

Pillar No.	As per Map / Field Book	As per field	Remarks
	GPS reading	GPS reading	
2		19° 33' 54.2"	
		84.50° 39.4'	
12		19° 33' 50.0"	
		84.50° 35.3'	

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

Pillars GPS reading

- 19 33 49.2-N 84.50 39.8-E
- 19 33 54.3-N 84.50 41.9-E
- 19 33 56.3-N 84.50 42.7-E
- 19 34 01.7-N 84.50 44.6-E
- 19 34 05.0-N 84.50 45.5-E
- 19 34 09.2-N 84.50 46.6-E
- 19 34 14.2-N 84.50 47.2-E
- 19 34 14.5-N 84.50 48.8-E
- 19 34 08.6-N 84.50 41.7-E
- 19 34 03.7-N 84.50 40.3-E
- 19 38 58.3-N 84.50 37.5-E
- 19 33 50.2-N 84.50 35.4-E

Hari Krishna Barik
Fr

Forster

S. Yammy
Fr

Bishnu Charan Gouda, Fr

Asst. Conservator of Forests
Paralakhemundi Division

B. Sahoo
Forest Range Officer
Devagiri Range

Spaikaal

Asst. Conservator of Forests
HC-Khaliakote Range

FORESTER
PURUSHOTTAMPUR

17. Avenue Plantation

2% of the total Row KM of avenue plantation of each plantation site will be inspected and height and survival % will be measured.

Sl. No.	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.			Survival %	Fencing		Remarks
					Min	Max	Ave		Type	Length (in meter)	
1	2	3	4	5	6	7	8	9	10	11	12

Spurika ofay
FORESTER
PURUSHOTTAMPUR


Asst. Conservator of Forests
IIC-Khalikote Rangs