

Bald Hill plantation at Jaysima over 10ha 2025-26

Formats to be adopted for monitoring and evaluation of Plantations of

1. General Information:

- (a) Division :- Berhampur
- (b) Range :- Semantiapalli
- (c) Section :- Surangi
- (d) Beat :- Talapoda

2. Information of the Plantation Site : bald hill plantation Jaysima over 10ha

- (a) Name of the site (with longitude & Latitude) (GPS reading) :- N 19.171906, E 84.513440
- (b) Legal status of the site :- Naxal UDPR
- (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 :- 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 :- 13.30ha
- (b) Net area planted :- 10ha
- (c) No. of pillars posted :- 19
- (d) Whether pillars are numbered :- Yes
- (e) Whether the area of the plantation is fully covered :- Yes

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Delineation of 4 Ha. Plot :

Delineated :-

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 :

Species	Number	Species	Number	Species	Number
Karanja	30	Gambhari	50	Berca	8
Azjun	22	Phasi	21	Bahada	10
Jamun	18	Narakuli	10	Mango	20
Sisoo	60	Piluli	24	total	211/220
Lemon	10	Bela	28		

(b) Spacing adopted 2.5 mtr x 2.5 mtr

(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. 211/220

(iii) Difference if any and reason thereof.

(d) Survival percentage :- 97%

(e) Average height growth of the species :-

Sl.No.	Name of the species	Min. Height. (in cm)	Max. Height (in cm)	Ave. Height (in cm)	Ave. Girth (in cm)
1.	Karanja	120	180	150	5
2	Azjun	90	120	105	2
3	Jamun.	110	160	135	4
4	Sisoo	120	170	145	3
5	Lemon	90	110	100	2
6	Gambhari	130	210	170	3
7	Phasi	80	190	135	4
8	Narakuli	90	160	125	4
9	Piluli	70	130	100	3
10	Bela	80	120	100	2
11	Berca	90	110	100	2
12	Bahada	85	140	113	3
13	Mango	100	190	145	4

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11. ANR with gap Plantation :

(a) 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
Bald hill	Nakai	RWC	19.172264	10	10		
Jayalim	UDPF		84.513349				

* 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 :-

(i) Type and numbers as per record 3000 108

(ii) Type and numbers as per physical verification 19

(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	1250	2000m		

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 :-

Suitability of the site for plantation :-

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 **Bald hill plantation Jayashima - 10 Ha 2025/26**

(b) Area in ha as per record and as per field inspection **- 10 Ha**

(c) No of Plantation Pillars

Pillar No.	As per Map / Field Book		As per field		Remarks
	GPS reading		GPS reading		
1	19°. 10' 17.0"	84°. 30' 46.0"	19°. 10' 16.0"	84°. 30' 45"	
2	19°. 10' 18.0"	84°. 30' 47.0"	19° 10' 19.0"	84°. 30' 46"	
3	19°. 10' 16.0"	84°. 30' 53.0"			
4	19°. 10' 15.0"	84°. 30' 54.0"			
5	19°. 10' 14.0"	84°. 30' 54.0"			
6	19°. 10' 14.0"	84°. 30' 56.0"			
7	19°. 10' 15.0"	84°. 30' 59.0"			
8	19°. 10' 18.0"	84°. 30' 59.0"			
9	19°. 10' 22.0"	84°. 30' 57.0"			
10	19°. 10' 23.0"	84°. 30' 54.0"			
11	19°. 10' 25.0"	84°. 30' 50.0"			
12	19°. 10' 26.0"	84°. 30' 47.0"			
13	19°. 10' 25.0"	84°. 30' 44.0"			
14	19°. 10' 23.0"	84°. 30' 41.0"			
15	19°. 10' 21.0"	84°. 30' 38.0"			
16	19°. 10' 17.0"	84°. 30' 37.0"			
17	19°. 10' 18.0"	84°. 30' 37.0"			
18	19° 10' 17.0"	84° 30' 45.0"	19°. 10' 18.0"	84°. 30' 44.0"	
19					
20					
21					
22					

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

for ster
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