

Annexure-II

3

Format for Circle Level Monitoring & Evaluation of Plantation Programme under different Schemes for the year 2025-26 of Bhawanipatna Circle.

1. Date of Inspection : 29.10.2025
2. Name of the Division : Kalahandi South Division
3. Name of the Range : Jaipatna
4. Name of the Section : Jaipatna
5. Name of the Beat : mukhigola
6. Name of Site : Nagupada
7. Name of VSS & whether resolution available for taking up plantation : Nagupada VSS
8. Name of the Scheme : ACA
9. Name of the Plantation Component (Like AR/Bald Hill Plantation/ANR with gap / UTP/Avenue plantation etc.) : AR
10. Physical Target : 10 Ha
11. Area in Ha/RKM/Nos : 14 Ha
12. Land Status (with name of RF/PRF/VF etc.) : RF
13. Treatment Map : Yes
14. No. of panting patch : 1
14. No of pillar posted in plantation site : 40 nos
16. Asset Id as per OFMS : 2025-1444432
15. Species wise seedlings planted (As per the Plantation Journal)

Sl. No	Name of the species	No of plants planted	Sl. No	Name of the species	No of plants planted
1	Bamboo	5000	11	Gambhauri	500
2	mango	150	12	Jamun	500
3	Kayu	150	13	Tentuli	900
4	Amla	1000	14	pechali siso	800
5	Neem	1000	15	Bali siso	2800
6	Argun	900	16		
7	Kalasirish	1000	17		
8	Bara	400	18		
9	pepal	400	19		
10	Khin	500	20		
Total No. of Seedlings planted		16000 nos			

16. Survival percentage of seedlings – Average of 2 sample plots $\frac{+ 100 + 100}{2} = 100\%$

17. Causality replacements done (Yes/No)

: Yes

18. Plantation complete or incomplete

: Complete

19. Manuring done (Yes/No)

: Yes

20. Fencing undertaken for AR/BHP/ANR around the planted area.

: Barbed wire

(i) Type of fencing- Wire-mesh/ barbed wire/ brush wood
(ii) Length in mtr.

: 1629.131 mtr

21. Plantation Journal maintained (Yes/No)

: Yes

22. GPS survey map of plantation done (Yes/No)

: Yes

23. Sign Board with details fixed (Yes/No)

: Yes

24. SMC works done

: No

(Type of Infrastructure/Dimensions/ No. of Structure)

25. Whether Pitting Register Maintained (Yes/No)

: Yes

26. Consolidated Drone Survey Pre-pitting (Yes/No) / Post Pitting (Yes/No) / Post Planting (Yes/No)

: Yes

Sl. No.	Species	Sample Plot 1	Sample Plot 2	Sample Plot 3	Cumulative Average Height (in CM)
		Average height (in CM)	Average height (in CM)	Average height (in CM)	
1	Bamboo	140.25	138.32		139.285
2	mango	78.85	95		86.925
3	Keju	113.46	100		106.73
4	Amala	147.4	141		144.2
5	Hesoo	143.42	127.3		135.36
6	Artim	150	120		135
7	Kela sorax	—	157.42		157.42
8	Baua	144.71	140		142.355
9	peper	130.09	138.4		143.245
10	Kho	172	140.14		156.07
11	Phambhewi	152.92	128		140.46
12	Jamun	94.5	96.66		95.58
13	Tendu	125	107.22		116.11
14	pachali sor	150	135.33		142.665
15	Baki sor	161.93	173.51		167.72
16					
17					
18					

19					
20					

Name & Signature of Evaluation Team

Name & Signature of Range Staff

1. Asst. Conservator of Forests,
Prasannjit Nail
Nail

2. Forest Range Officer,

1. Forest Range Officer
Forest Range Officer
(Shankar Kumar)

2. Forester
Forester
Jaipatna section

3. Forester *Kandarpa Suman Pr.*
Sanjay Kumar Majhi, to.

4. Forest Guard *Ajaya Kumar Barchha Ph.*

3. Forest Guard *Munishwar Panda,*
Ph
Mangonew Block

18/10/15

Sample Plot Survey - 1

Sample Plot - 3 (30 M X 30M)

Name of Plantation Site

GPS Co-ordinates of all corners

13x13
AR plant. Regrowth over 10ha 2025/26. *Acacia* and *Neem* are dominant species in this plot.

Sample Plot Observation ::

Corner - 1 - 19.472293 82.866280
 Corner - 2 - 19.472284 82.86652
 Corner - 3 - 19.47312 82.86662
 Corner - 4 - 19.47218 82.86634

Low / Med / High
 Low / Med / High

Cattle Intolerance ::
 No. of Browsed Plants ::
 Weeding around the plants ::
 Soil Working around the plants ::

Complete / Incomplete
 Complete / Incomplete

No. of Plants Planted in the sample plot :: 169/169
 No. of dead plants in the sample plot :: 0

No. of Staggered Trenches within the sample plot ::
 No. of Staggered Trenches within the sample plot ::

In case of ANR coverage of fencing around the patch :: Complete / Incomplete

Complete / Incomplete

Sl. No.	Species	Height of the Plant in (CM)																				Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Neem	151	144	148	140	135	150	190	161	180	150	170	150	140	130	170	100	130	170	144	94	
2	Neem	129	125	170	140	110	133	109	143	135	149	150	150	95								143.42
3	Pipar	126	150	142	119	142	122	104	138	150	100	140										130.09
4	Paisi	152	170	180	180	180	148	160	144	170	190	200	145	170	135	150	150	200	150	180	143	
5	Paisi	54	145	170	180	170	200	128	160	160	150	180	160	190								161.93
6	Combhari	210	145	70	132	150	200	140	200	150	150	150	150	150	144							152.92
7	Jambun	109	80																			94.5
8	Bambao	150	150	150	190	71	160	135	119	150	145	131	102	135	134	150	80	150	150	200	150	
9	Bambao	150	140	150	130																	140.25
10	Bambao	150	180	119	98	200	136	130														144.71
11	KASU	108	144	110	109	130	108	103	80	88	135	120	120	120								113.46
12	Amul	145	190	130	142	130																147.4

Sample Plot - 3 (30 M X 30M)

Name of Plantation Site

GPS Co-ordinates of all corners

Corner - 1 - 19. 47527 - 82. 86681

Corner - 2 - 19. 47536 82. 86635

Corner - 3 - 19. 47564 82. 86602

Corner - 4 - 19. 47537 82. 866597

No. of Plants Planted in the sample plot

169

No. of dead plants in the sample plot

0

Survival % of the seedlings planted (plot)

100%.

Sample Plot Survey - 2

Sample Plot Observation :-

Sisso and bamboo are dominant in this plot with good avg. height of 173.51 and 138.32 cm approx.

Cattle interference

:-

Low / Med / High

No. of Browsed Plants

:-

NO

Weeding around the plants

:-

Complete/ Incomplete

Soil Working around the plants

:-

Complete/ Incomplete

No. of Staggered Trenches within the sample plot

:-

NO

In case of ANR coverage of fencing around the patch

:- Complete/ Incomplete

Sl. No.	Species	Height of the Plant in (CM)																				Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Bali siso	127	150	150	190	150	160	170	150	200	180	150	160	190	200	150	200	190	100	200	190	
2		200	170	190	160	170	150	170	150	200	160	150	270	180	150	125	200	250	160	150	260	173.51
3		160	150	170	170	200	190	200	140	150												
4	Bamboo	140	150	150	150	150	180	140	160	180	127	90	150	150	125	150	70	165	60	150	150	
5		195	170	150	90	150	200	150	95	132	130	150	150	150	100	106	120	80	190	170	150	138.32
6		128	65	140																		
7	pebaefi siso	125	120	132	160	85	132	160	150	150	130	140	140									135.33
8	Kala series	160	150	150	150	100	190	180	190	150	160	160	81	150	150	150	130	200	200	190		157.42
9	Neem	90	95	104	170	190	130	126	102	106	160											127.3
10	Amle	150	132																			141
11	Bura	180	90	150	140																	140
12	Jamun	103	107	80																		96.66



Odisha State Forest Department

Name & Description			
Name :	AR Plantation 10Ha At Nagupada 2025-26	Organisation :	Forest and Env. Dept
Asset Class Name :	Afforestation with SWMC	Category:	Bald Hill AR Plantation
Type:	Immovable	Address :	Mukhiguda Beat
Serial Id :	KLHS_AFFO_BALD_2025_14452	Description :	AR Plantation 10Ha at Nagupada 2025-26

Detail Information			
Physical Target(1st) :	10Ha	Physical Achieved(1st) :	10Ha
Physical Target(2nd) :	16000Nos	Physical Achieved(2nd) :	0Nos
Deviation (1st) :	0Ha	Deviation (2nd) :	-16000Nos
GPS Survey Assesed Deviation :	-7.572		
Whether JFM Area:		Name of JFMC:	0
Name of Nursery Source for Planting:		Number of Survey Pillars:	
Number of Pits Dug:		Length of Plantation Fencing(Mtr):	
Number of LBCD Made:	0	Number of Stg Trenches Made:	0
Length Of Contour Bunds made(m):	0.000	Length Of Contour Trenches Made(m):	0.000
Number Of WHS and Water Bodies Made:	0.000	Volume Of WHS and Water Bodies in Cum:	0.000
WHS & WB Excavated Earth Vol in Cum:	0.000	Number of FB BP Made:	0