

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

1. Date of Inspection : 28.10.2025
2. Name of the Division : Kalahandi South
3. Name of the Range : Keralaput Sametuary
4. Name of the Section : Bankaplas
5. Name of the Beat : Kankorimal
6. Name of Site : Kankorimal, Jerker RF
7. Name of VSS & whether resolution available for taking up plantation : *
8. Name of the Scheme : CAPCA
9. Name of the Plantation Component (Like AR/Bald Hill Plantation/ANR with gap / UTP/Avenue plantation etc.) : ANR with GAP
10. Physical Target : 100 ha.
11. Area in Ha/RKM/Nos : 100 ha.
12. Land Status (with name of RF/PRF/VF etc.) : Jerker R.F.
13. Treatment Map : Yes
14. No. of panting patch : 2 no.
14. No of pillar posted in plantation site : 58 no.
16. Asset Id as per OFMS : 2025-144875
15. Species wises 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	Baligisoo	5000	11	pipal	100
2	Neem	3000	12	Gangatentuli	400
3	Bahadri	1000	13	Lambhari	500
4	Dimori	1000	14	Kathabadam	500
5	Mahisur Queen	1000	15	Tentuli	500
6	Dhala Sirisha	1000	16	Kanchana	500
7	Sinduragundi	1000	17	Aojun	500
8	Siruli	1000	18	Sirish	500
9	Bambod	2000	19	Total.	20,000 no.
10	Amla	500	20		
Total No. of Seedlings planted					

16. Survival percentage of seedlings - Average of 3 sample plots $\frac{100 + 100 + 100}{3} = 100\%$

17. Causality replacements done (Yes/No)

: Yes

18. Plantation complete or incomplete : Yes.
19. Manuring done (Yes/No) : Yes.
20. Fencing undertaken for AR/BHP/ANR around the planted area. : ANR-100ha,
(i) Type of fencing- Wire-mesh/ barbed wire/ brush wood : Barbed wire & Brushwood
(ii) Length in mtr. : 3000 mtr. fencing
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 : Yes.
(Type of Infrastructure/Dimensions/ No. of Structure) : Nil.
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 Average height (in CM)	Sample Plot 2 Average height (in CM)	Sample Plot 3 Average height (in CM)	Cumulative Average Height (in CM)
1	Biali Sisoo	185.23	-	204.15	194.69 cm
2	Aajam	173.2	-	174.54	173.87 cm
3	Neem	184.72	184.79	192.02	187.19 cm
4	Bahada	139.80	-	-	139.80 cm
5	phasi	171.45	173.37	167.66	170.99 cm
6	Sirish	196.93	167.48	-	182.20 cm
7	Bamboo	182.08	226.26	-	204.17 cm
8	Damodri	196.0	-	174.6	185.3 cm
9	Tamu	176.0	-	160.33	168.16 cm
10	pipal	181.75	150.0	191.71	174.48 cm
11	Ganga Tentuli	186.84	-	-	186.84 cm
12	p-judi	176.92	-	-	176.92 cm
13	Katha Baslam	191.0	212.22	-	201.61 cm
14	Sindura gumali	-	217.27	-	217.27 cm
15	phacki Sisoo	-	187.90	187.66	187.78 cm
16	Amla	-	151.63	-	151.63 cm
17	Tentuli	-	164.14	-	164.14 cm
18	Gambhami	-	-	206.48	206.48 cm

19					
20					

Name & Signature of Evaluation Team

1. Asst. Conservator of Forests,

[Signature]
Assistant Conservator of Forest,
(UC) Simharazpur Range

2. Forest Range Officer,

[Signature]
Dy R.O.

11/11/2020
28/10/21
Dy. R.O.

3. Forester

4. Forest Guard

Name & Signature of Range Staff

- 1.

Forest Range Officer,

[Signature]
UC Forest Range Officer
Karlapat Sanctuary Range

- 2.

Forester

[Signature]
FORESTER
BANKAPALAS SECTION

- 3.

Forest Guard

Susanti Budhra fg
Kankarimal beat

Plot-1

Sample Plot - A (30 M X 30M)

Sample Plot Survey

Name of Plantation Site
GPS Co-ordinates of all corners

Sample Plot Observation

ANE-150 ha, (300m x 300m)

Corner - 1-

21° 44' 26.4" E 83° 01' 52.4"

Cattle Intolerance

Low / Med / High

Corner - 2-

21° 44' 26.4" E 83° 01' 53.8"

No. of Browsed Plants

Complete / Incomplete

Corner - 3-

21° 44' 27.0" E 83° 01' 55.1"

Weeding around the plants

Complete / Incomplete

Corner - 4-

21° 44' 28.3" E 83° 01' 53.9"

Soil Working around the plants

Complete / Incomplete

No. of Plants Planted in the sample plot

169

No. of Staggered Trenches within the sample plot

Nil

No. of dead plants in the sample plot

0

No. of Staggered Trenches within the sample plot

Complete / Incomplete

Survival % of the seedlings planted (plot)

100%

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	B. sissoo	127	185	224	198	210	127	230	249	189	208	136	142	183								185.23 cm
2	Acacia	195	187	198	164	122																173.2 cm
3	Neem	189	211	205	106	155	187	173	175	260	233	138										184.72 cm
4	Bahadla	180	132	124	158	125	138	149	126	137												129.88 cm
5	Phasei	165	240	195	189	182	152	138	127	127	183	188										171.45 cm
6	Grassh	255	210	235	202	137	218	229	148	155	175	296	129	213	169	183						196.93 cm
7	Bambusa	142	145	208	197	300	196	155	204	148	155	189	178	204	167	173	206	177	156	185	219	
8		252	298	160	142	159	176	174	220	153	196	138	189	258	215	137	138	165	149	240	123	
9		183	171	154	140	215	188	157	191	122	193	139	158	135	208	183	166	195				182.08 cm
10	Dinori	255	238	142	175	170	196															196 cm
11	Tamu	205	148	175																		176 cm
12	Papai	170	198	211	148																	181.75 cm

Sample Plot (30 M X 30M)

Sample Plot Survey

Name of Plantation Site

GPS Co-ordinates of all corners

Corner - 1-

Corner - 2-

Corner - 3-

Corner - 4-

No. of Plants Planted in the sample plot

No. of dead plants in the sample plot

Survival % of the seedlings planted (plot)

Kankarimal (Jerkas)

Sample Plot Observation

AMR - 100 ha, (30mt x 30mt)

Plot 2

Cattle interference

No. of Browsed Plants

Weeding around the plants

Soil Working around the plants

No. of Staggered Trenches within the sample plot

In case of ANR coverage of fencing around the patch

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Complete/Incomplete

Page 1 of 2

Sl. No.		Species	In case of ANR coverage of fencing around the patch																				Average
			Height of the Plant in (cm)																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
1		Sindur Carundi	240	210	170	290	190	220	210	190	220	220	210	215	240	230	230	185	253	225	220	230	
2			185	130	240	225	218	290	190	205	220											217.27 cm	
3		Bambur	260	210	170	210	248	171	220	230	195	230	290	210	260	190	160					226.26 cm	
4		P. Salska	150	230	148	200	165	190	201	196	150	210	218									187.90 cm	
5		Amia	145	126	130	128	150	149	180	140	215	175	120									151.63 cm	
6		Phasi	155	185	218	210	128	147	188	160												173.87 cm	
7		Pipal	180	170	135	140	130	140	160	130	160	155										150 cm	
8		Sirish	145	180	210	150	160	160	158	200	170	135	185	190	215	140	145	140	160	170	165		
9			180	150	180	190	130	160	200	135	160	140	155	190	186	140	222					167.48 cm	
10		Neem	170	140	186	190	205	148	140	170	215	183	136	160	210	160	180	170	200	190	193	201	
11			170	134	196	190	185	205	192	168	180	210	180	280	275	171						184.79 cm	
12		Kethadadam	195	171	194	270	268	293	185	144	190											212.22 cm	

Page 1 of 2

Sample Plot - 3 (30 M X 30M)

Name of Plantation Site

GPS Co-ordinates of all corners

Corner - 1 - : N19° 44' 54.6" E 83° 02' 46.2"
 Corner - 2 - : N19° 44' 54.6" E 83° 02' 45.0"
 Corner - 3 - : N19° 44' 53.6" E 83° 02' 45.2"
 Corner - 4 - : N19° 44' 53.4" E 83° 02' 46.4"

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

Sample Plot Observation

Cattle interference

Low / Med / High

No. of Browsed Plants

Weeding around the plants

Soil Working around the plants

No. of Staggered Trenches within the sample plot

In case of ANR coverage of fencing around the patch

Complete/ Incomplete

Complete/ Incomplete

NIL

Complete/ Incomplete

Plot - 3
ANR - 150 ha, (30mt x 30mt)

NIL

NIL

Completed.

Completed.

Completed.

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	Jamu	130	140	194	188	187	175	187	120	122												160.93cm
2	Phagi	228	205	207	138	207	122	155	145	190	150	145	120									167.66cm
3	Neem	275	166	180	201	244	166	192	233	159	185	170	180	185	199	213	209	208	191	191	225	
4		158	180	205	160	153	200	163														192.07cm
5	P. sisw	195	195	182	140	194	204	201	186	190	193	197	208	178	168	217	174	149	160	183	202	
6		225																				187.66cm
7	Gambhari	205	270	230	222	212	213	165	202	220	300	214	205	238	188	185	213	228	194	199	204	
8		155	217	180	212	145	156	203														206.48cm
9	R. sisw	149	176	191	123	174	178	263	203	170	142	198	186	210	182	160	288	199	257	188	225	
10		227	290	205	210	218	220	250	230	261	126	236	128	244	190	210	127	228	230	220	200	
11		210	205	222	235	183																204.15cm
12	Arjun	164	154	196	195	185	182	186	158	165	170	165										174.54cm

Final Range wise Monitoring Evaluation Report

S.No	Division	Range	Scheme	Date of Inspection	Year of Plantation	AR/ANR/BH/UTP No of Plants per Ha.	Area in Ha./Nos/ RKM	Nos of Seedling Planted	Survival %	Avg. height in cm Species Wise	Remarks
1-	Katohadi	Katohadi	CHROA	23.10.25	2025	ANR 200	100	20000	100%	B. Si. 100	194.69 cm
	South	Samdhung	None			Samdhung (Gorkh R.F.)				Amrohi	172.87 cm
										Neem	187.19 cm
										Bahada	139.20 cm
										Phasi	170.99 cm
										Garish	182.20 cm
										Bumboo	204.17 cm
										Dimrai	185.3 cm
										Jammu	168.16 cm
										Pipal	174.45 cm
										G. Tanti	186.94 cm
										Pipuli	176.92 cm
										K. Badam	201.61 cm
										Samdhung	212.22 cm
										P. S. 100	187.78 cm
										Tanti	164.14 cm
										Samdhung	206.48 cm
										Amrohi	151.63 cm

Signature of RFO of Range

Signature-

Name & designation-

Date-

JG Forest Range Officer

Karlapat Sanctuary Range

Diptirsen Panda JG RO

Signature of Team leader

Signature-

Name & designation-

Date-

Assistant Conservator of Forests
(JG) Birmaharajpur Range

29-10-2025

18/10/25