

Excellent

Frühholzer Kurzer Venn, A.C.

8/10/18

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

1. Date of Inspection : 25.10.2025
2. Name of the Division : Subarnapur
3. Name of the Range : Sonapur
4. Name of the Section : Sonapur
5. Name of the Beat : Bahir Kharaon
6. Name of Site : GMM UTP Badbahali - 5000 nos. 2025-26
7. Name of VSS & whether resolution available for taking up plantation : Badbahali VSS, available.
8. Name of the Scheme : Green Mahanadi Mission
9. Name of the Plantation Component (Like AR/Bald Hill Plantation/ANR with gap / UTP/Avenue plantation etc.) : UTP
10. Physical Target : 5000 nos.
11. Area in Ha/RKM/Nos : 3.5 Ha.
12. Land Status (with name of RF/PRF/VF etc.) : R.F.
13. Treatment Map : Available
14. No. of panting patch : 1
14. No of pillar posted in plantation site : 7 nos.
16. Asset Id as per OFMS : 2025-1449884
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	Ajune	1800	11	Tamu	300
2	Pahadi Sisoo	500	12	Dumer	150
3	Bali Sisoo	50	13	Dara	10
4	Karanja	300	14	Phasi	80
5	Dhauranja	200	15	Gambhari	10
6	Mundi	1000	16	Panasa	50
7	Tentuli	50	17	Bahal	90
8	Kaitha	50	18	Nleem	250
9	Pisal	100	19	Sirich	10
10	Amla	50	20		
Total No. of Seedlings planted 5050					

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 : Completed
19. Manuring done (Yes/No) : Yes
20. Fencing undertaken for AR/BHP/ANR around the planted area. : Yes
- (i) Type of fencing- Wire-mesh/ barbed wire/ brush wood : Wire mesh, 8m Rmt.
- (ii) Length in mtr. : 8m Rmt.
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)

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	Neem	169	149	179	166
2	Dimirdi	165	144	166	158
3	Karanja	153	151	147	150
4	Bila	136	127	-	132
5	P. Sisoo	158	140	167	153
6	Jamu	115	95	182	131
7	B. Sisoo	170	140	188	166
8	Tentuli	-	120	112	121
9	Phasi	-	136	181	159
10	Arjun	-	94	142	118
11	Dhauranja	-	147	159	153
12	Mundi	-	-	144	144
13	Halan	-	-	168	168
14					
15					
16					
17					
18					

19					
20					

Name & Signature of Evaluation Team

Name & Signature of Range Staff

1. Asst. Conservator of Forests,
Prabakaran Kumar Verma
Prabakaran Verma
25/10/2025

1. Forest Range Officer,

Forest Range Officer
Sonepur Range
Sonepur

2. Forest Range Officer,
Diptiman Panda
Diptiman Panda

2. Forester

3. Forester Jagannath Nayak

3. Forest Guard

FORESTER
Sonepur Section
Mandakshna Singh
Bhakti Chandra Singh

4. Forest Guard Shreebadev Nayak P. g.

18/10/25

Sample Plot Survey

Sample Plot - 3 (30 M X 30M) Plot No. 1

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)

Sample Plot Observation :- 01 (30m X 30m)

Cattle Intolerance

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

Average

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	N/reen	207	176	202	193	187	207	153	195	162	206	202	181	148	158	150	175	144	96	183	126	
2		168	140	89	159	190	177	177	183	191	134	154	155	184	166	191	177	157	178	191	171	
3	D/mon	160	219	170	163	196	139	239	193	183	158	170	181	185	136	132	176	195	140	166	193	
4		117	137	110	187	185	175	180	126	132	163	174	58	127	151	139	192	175	172	174	158	
5	Kavarja	158	157	131	164	159	168	171	146	158	160	144	140	161	121	142	168	181	84	172	156	
6		181	204	154	160	144	139	142	135	140	155	158									165 cm	
7	B/je	143	124	152	153	120	174	125	162	139	125	110	118	119							153 cm	
8																					136 cm	
9	P. sisob	141	184	172	142	160	112	123	177	151	178	172	151	157	155	142	135	138				
10																						
11	Jamu	66	127	140	104	66	141	122	118	122	130	128									152 cm	
12																					115 cm	

13	B. Sisco	193	197	166	126	222	121	179	182	158	153	170	170 cm
14													
15	N/ren	191	158	174	182	151	164					169 cm	
16													
17													
18													
19													
20													
21													
22													
23													
24													

Name & Signature of Range Staff

Name & Signature of Range Staff

1 Forest Range Officer,
Forest Range Officer
Sonepur Range
Sonepur

2 Forester

3 Forest Guard
Mondarishu f
Bhinkharam Dast

FORESTER
Sonepur Section

8/10/18

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Prabakaran Kumar Verma

Prabakaran Verma

25/10/2005

Diptin Panda

Jagannatha Nayak

Shashank Nayak



Sample Plot Survey

Sample Plot - 8 (30 M X 30M) Plot 110-2
 Name of Plantation Site GMM U7P: B9D BAHALI-5000 M.C. 2025-26

GPS Co-ordinates of all corners
 Corner-1- :- N20.801725 E83.724683
 Corner-2- :- N20.801741 E83.724390
 Corner-3- :- N20.802003 E83.724415
 Corner-4- :- N20.801973 E83.724695

Sample Plot Observation :- 02 (30m x 20m) N/C

Cattle Intrefrence :- Low / Med / High N/C
 No. of Browsed Plants :- N/C
 Weeding around the plants :- Complete / Incomplete
 Soil Working around the plants :- Complete / Incomplete
 No. of Staggered Trenches within the sample plot :- N/C

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 %

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	Tentuli	134	128	125	131																	130 cm
2																						
3	B. Sisoo	157	91	171	166	86	77	172	104	97	183	163	138	169	107	77	155	125	145	186	201	140 cm
4																						
5	Neem	102	129	114	138	159	156	141	205	114	98	146	59	82	117	103	155	145	140	148	146	
6		145	181	132	182	145	172	127	158	128	194	189	148	169	175	192	206	196	185	179	195	
7	Karanja	121	174	151	121	187	131	127	143	157	150	122	250	138	165	191	158	152	154	162	172	149 cm
8																						151 cm
9	Dimini	46	118	124	136	151	109	87	147	151	131	139	138	135	130	128	178	135	145	160	152	
10		170	160	135	184	205	201	192	194													
11	P. Sisoo	161	139	124	124	130	136	145	179	126	135	151	152	112								144 cm
12																						140 cm

Sample Plot Survey

Sample Plot - B (30 M X 30 M) Plot No. - 3
 Name of Plantation Site GMM VTP BADAHAHULI - 5000 A04. 2025-26
 GPS Co-ordinates of all corners
 Corner - 1. :- N20.801062 E83.725767
 Corner - 2. :- N20.80110 E83.725527
 Corner - 3. :- N20.801378 E83.725570
 Corner - 4. :- N20.801358 E83.725840

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 Observation :- 03 (30 M X 30 M) N/L
 Cattle Interference :- Low / Med / High N/L
 No. of Browsed Plants :- 40 -
 Weeding around the plants :- Complete / Incomplete
 Soil Working around the plants :- Complete / Incomplete
 No. of Staggered Trenches within the sample plot :- N/L

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

		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	129	129	112	138	112	120	131	124	119	124	124	121	110	128	135	131	138	142		182 cm	
2																						
3	Tentuli	112	110	123	120	108	110	100	104	106	123	128	122	112	105	111	105	104	111	109	118	
4																					112 cm	
5	Dunor	205	173	144	182	174	165	169	148													
6																					166 cm	
7	P. Sisoo	181	159	172	166	172	154															
8																					167 cm	
9	Mundi	174	155	102	163	150	154	125	128	142												
10																					144 cm	
11	Nelum	135	201	178	162	183	220	162	195	160	145	190	167	189	174	172	178	218	185	190	168	
12		159	194	182	189																	
																					179 cm	

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