

Final Range wise Monitoring Evaluation Report

Range, Kalahandi South

Division

Monitoring & Evaluation Report of Plantations of Tungah

S.No	Division	Range	Scheme	Date of inspection	Year of plantation	AR/ANR/BH/UP No of Plants per Ha.	Area in Ha./Nos/ RKM	Nos of Seedling Planted	Survival %	Avg. height in cm	Remarks
2.	Kalahandi South Division	Jungah	CAMPA ACA	28/10/25	2025-26	ANR	50ha.	10000 nos	100%	154.32	1) P. Surv = 154.72 2) Kalada = 99.8 3) Kumbhi = 99.5 4) Phase = 144.45 5) B. Surv = 154.32 6) D. Surv = 154.7 7) Salai = 241.5 8) Neeru = 25
											1. Plantation Journal-Maintained 2. Inspection of RO and above 3. Entries of Inspection Remarks of RO & above Range Officer- ACF- DFO/ RCCF- 3. Over all health of Plantation (Excellent/ Very Good/ Good/Average/Below Average) 4. OFMS verification of Plantation area (enclosed signed copy of map) 5. Correctness of area/ length/ RKM

Signature of RFO of Range

Signature -

Range Officer

Name & designation - Satish Kumar

Date - 28/10/25

Signature of Team leader

Signature -

Name & designation - Nait

Date - 28/10/25

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

1. Date of Inspection
2. Name of the Division : Kalahandi South
3. Name of the Range : Juncagarh
4. Name of the Section : Bondoguda
5. Name of the Beat : Bondoguda
6. Name of Site : ANR with gap plantation Adiki PRF
7. Name of VSS & whether resolution available for taking up plantation : Soha CBalrampur
8. Name of the Scheme : Balrampur VSS, Resolution done
9. Name of the Plantation Component (Like AR/Bald Hill Plantation/ANR with gap / UTP/Avenue plantation etc.) : Campa ACA
10. Physical Target : ANR with gap
11. Area in Ha/RKM/Nos : 50ha
12. Land Status (with name of RF/PRF/VF etc.) : 50ha
13. Treatment Map : PRF
14. No. of panting patch : Done
14. No of pillar posted in plantation site : one
16. Asset Id as per OFMS : 24
16. Asset Id as per OFMS : 2025-144427
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	Bali Biso	2500	11		
2	Pahadi Biso	1000	12		
3	Fasi	1000	13		
4	Bahada	500	14		
5	Neem	1500	15		
6	Dhala Biris	500	16		
7	Tentuli	1500	17		
8	Kumbhi	1500	18		
9			19		
10			20		
Total No. of Seedlings planted			Total 10,000		

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.

: Fencing done

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

: Brushwood

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

(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	Pahadi Sisoo	171.02	139.29	153.88	154.73
2	Bahada	101.38	95.58	102.43	99.8
3	Kumbhi	99.5			99.5
4	Phasi	186.57	135.23	111.55	144.45
5	Bali Sisoo	202.05	174.89	176.01	184.32
6	Dhala Siris	160		149.39	154.7
7	Sabai	86.5			86.5
8	Neem			75	75
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

19					
20					

Name & Signature of Evaluation Team

1. Asst. Conservator of Forests,
Prasannajit Naik
Naik

2. Forest Range Officer,

3. Forester Kamalappa Sumanipar
Saijay Kumar Mahi, fo,

4. Forest Guard Ajaya Kumar Barchhon F.G.

Name & Signature of Range Staff

1. Forest Range Officer,

12/10/15
Range Officer
I/C Jungarh Range

2. Forester

FORESTER
Bondoguda Section

3. Forest Guard Reibendra Nath Mishra
F.G. Bondoguda beat

12/10/15



Sample Plot-1 (30 M X 30 M)

Name of Plantation Site

GPS Co-ordinates of all corners

Corner-1

Corner-2

Corner-3

Corner-4

ANR with gar plantation at Aditi, PRF @ 200 plants/ha

Sample Plot Survey (To be recorded at the Sample Plot)

Sample Plot Observation

~~N 19.798566 E 82.986073~~ N 19.82328 E 82.06418
 N 19.792961 E 82.986005 N 19.82293 E 82.06421
 N 19.793537 E 82.986449 N 19.82300 E 82.06447
 N 19.798448 E 82.986166 N 19.82321 E 82.06455

No. of Plants Planted in the sample plot

169

No. of dead plants in the sample plot

0

Survival % of the seedlings planted in the

100%

sample plot

Sl. No.		Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Average in (CM)
1		Panada 81500	170	163	180	200	170	160	182	186	163	186	166	177	147	154	166	174	160	190	170	85	
2			150	174	206	180	161	190	166	176	197	133	168	196	158	178	197	205	187	188	140	171.02	
3			195	196	160	170	140	177	135	196	150	170	188	135	150	200	210	165	137				
4		Banada	120	110	141	120	100	109	123	100	100	100	104	90	126	142	94	90	96	82	75		
5			98	100	118	107	100	103	106	90	95	163	128	95	80	70	90	76	80	112	116	80	
6			100	86	123	70	80	85	90	86	85	135										99.5	
7		Kumbhi	90	100	90	114	94	116	86	90	126	110	180	172	200	213	169	200	177	185	198	193	190
8		Phasi	174	194	204	186	142	196	127	170	195	180	172	200	213	169	200	177	185	198	193	190	202.05
9			173	212	212	208	217	200	210	169													
10		Banada 81500	245	198	252	170	235	208	196	210	293	188	170	230	214	150	180	190	193	180	137		

P. Sisso and B. Sisso are good
 shrubby
 org. Rupt along with from.
 Cattle interference = low
 Muley = Complete
 Snt. Sdkky = Complete
 Farny = Complete

Sl. No.	Species	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
11	Dhala Series	160																			
12	Sahaj	93	80																		
13																					
14																					
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

Name & Signature of Evaluation Team

Pranrajit Nath, ACS

1. Forest Range Officer

Kesava Kumar Samant, Mr.
Sahaj Kumar Singh, Mr.
2. Forest Guard
Ajaya Kumar Baskinath

Name & Signature of Range Staff

1. Forest Range Officer

2. Forester

3. Forest Guard

R. K. Samant
FORESTER

Bondoguda Section
Rajendra Nath Chandra Reddy,
Bondoguda Beat



Sample Plot Survey

20	Ave
19	160
18	160
17	160
16	160
15	160
14	160
13	160
12	160
11	160
10	160
9	160
8	160
7	160
6	160
5	160
4	160
3	160
2	160
1	160

Plot - 3 (30 M X 30M)
Coordinates of all corners

- Corner - 1 - 19.79426 82.98651
- Corner - 2 - 19.79447 82.98615
- Corner - 3 - 19.79459 82.98650
- Corner - 4 - 19.79436 82.98629

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

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

Specimen plant are with the good my.

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 Kisoa	152	122	198	165	200	213	182	199	190	188	216	215	175	131	166	209	140	240	197	165	
2		199	210	180	185	160	90	180	110	232	128	170	193	163	197	165	141	193	152			174.89
3	Pahoi Kisoa	123	163	152	146	170	155	130	142	163	138	146	130	148	170	170	138	123	150	93	130	
4		170	154	175	148	120	134	107	134	90	170	148	158	172	138	140	113	104	140	131	90	
5		130	155	154	60	157	110	190	133	120												139.29
6	Pahoi Kisoa	150	90	60	60	115	110	75	70	110	110	100	130	104	100	100	82	93	93	117	80	
7		90	113	90	100	100	93	110	95	90	105											95.58
8	Fusa	153	86	100	130	128	154	160	165	128	146	141	158	158	161	124	114	155	145	130	100	
9		150	93	164	100	152	165	140	116	138	135	132	146	126	123	145	100	154	130	127	130	
10		169	125	120	138	121	136	143	120	168	131	119	140									155.23
11																						
12																						

Sample Plot Survey (To be recorded at the Sample Plot)

Plot 1 (30 M X 30 M)

Name of Plantation Site

GPS Co-ordinates of all corners

Corner-1-

Corner-2-

Corner-3-

Corner-4-

ANR with gap plantation at Adiki PRF Sona Balrampur

Sample Plot Observation

Sisso and Sims are showing good growth.
Cattle interference = Low

Weeding = Complete

Soil working = Complete

Fencing = Complete

Sisso and Bahada are dominant species in this plot.

No. of Plants Planted in the sample plot :- 169

No. of dead plants in the sample plot :- 0

Survival % of the seedlings planted in the sample plot :- 100%

Sl. No.	Species	Height of the Plant in (CM)																				Average in (CM)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Pahadi Sisso	157	148	130	190	188	208	120	90	125	130	135	150	126	170	165	130	105	160	165	130	153.88
2	Bali Sisso	175	200	200	165	160	93	110	177	152	155	114	186	145	187	148	180	140	165	190	200	
3		149	180	138	183	120	130	176	213	130	153	155	128	216	177	162	140	175	235	179	218	
4		206	198	216	206	113	235	200	150	135	186	156	183	208	210	231	198	213	214	193	220	
5		216	150	190	216	228	218	219	215													176.01
6	Bahada	100	110	100	90	100	90	80	110	100	90	65	90	90	120	100	100	120	115	100	106	
7		104	100	124	90	120	114	100	100	100	110	110	118	110	110	90	124	95	106	100	78	
8		100	115																			102.43
9	Fas...	107	93	120	154	100	80	110	95	100	158	90	120	80	135	94	145	118	105	110	117	111.55
10	Dhala Sims	183	185	124	170	170	150	146	180	160	116	134	153	151	120	166	140	130	170	110		149.89

Sl. No.	Species	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
11	Neem	75																			
12																					
13																					
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Name & Signature of Evaluation Team:

Prasannajit Nait, ACF
Nait

1. Forest Range Officer

Kundarpa Sumariya

2. Forest Guard

Ajaya Kumar Banchhon

Ajaya Kumar Banchhon ACF

Name & Signature of Range Staff

1. Forest Range Officer

J. C. Jungaranga

2. Forester

B. B. B. FORESTER

3. Forest Guard

Rabendra Nath Mishra F.G.
Bondoguda beat