

FORMATS FOR EVALUATION OF PLANTATIONS RAISED UNDER ALL SCHEMES FOR THE PERIOD FROM 2022-23 TO 2025-26

Method of inspection:

Inspection of quality of plantation: 2% area of each of the plantation site is to be inspected by laying random sample plots of size 40m x 25m spacing, height & Girth have to be measured from sample plots selected for evaluation.

Photographs of plantation sites before & after plantation are required to be provided.

Reporting format for evaluating team:

1. General information:

- (a) Division: - Bhadrak (WIL)
 (b) Range: - Basudevpur (WIL)
 (c) Section: - Bideipur
 (d) Beat: Bideipur

2. Information of the plantation site: Binadanda to Kansarpur Avenue plot

- (a) Name of the site (with longitude & latitude) (GPS reading):-

N-21.626662 E-86.786118

- (b) Legal status of the site: - RD Road
 (c) Year of plantation: - 2024-25
 (d) Name the scheme: - MGNREGA
 (e) Type of plantation ⊕ Economic/Bald Hill/ANR with Gap plantation/
 Avenue/NBM/GIM/GMM etc.)-

- (f) Area (in ha)/ Length (in RKM) as per target: - 5 RKM

- (g) Construction of signboard at the plantation site: - Yes

3. Plantation Journal: -

- ☒ (a) Properly maintained: -
 (b) Partly maintained: -
 (c) Not maintained:

4. Map of the afforestation site:

- ☒ (a) Prepared: -
 (b) Not prepared: -

5. Treatment Map: -

- ☒ (a) Prepared: -
 (b) Not prepared: -

6. Area of the plantation: -

- (a) Gross area of the plantation: -
 (b) Net area planted: - 5 RKM
 (c) No. of pillars posted: -
 (d) Whether pillars are numbered: -

7. Pitting register: -

- (a) Maintained: -
☒ (b) Not Maintained: -

8. Plantation design approved by ACF:

9. Plantation: -

(An area of each plantation site is to be inspected. Sampling plots of 40mx25m are to be delineated randomly for recording following information).

(a) Species wise seedlings planted:

| Sl. No | Sample Plot | GPS Reading | No. of plants planted | No. of plants survived | Survival % |
|--------|-------------|-------------|-----------------------|------------------------|------------|
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(b) spacing adopted. 4mtr x 4mtr

(c) (i) No of seedlings planted in the whole plantation as per record. 1250 nos.

(ii) No. of seedlings planted/survived in the whole plantation calculated based on 2% sampling mentioned above.

(iii) Difference if any the reason of casualty.

(d) Survival percentage (Avg): -

(e) Average height growth of the species.

| Species | Minimum Height | Maximum Height | Average Height | Remarks |
|---------|----------------|----------------|----------------|---------|
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10. Fencing:

| Type of Fencing adopted | Length in M | | Difference if any | Remarks |
|-------------------------|---------------|------------------------------|-------------------|---------|
| | As per record | As per physical verification | | |
| | | | | |

11. Avenue plantation

100% of the total Row KM of avenue plantation of each plantation site will be inspected and height and survival % will be measured.

| Name of the Division | Site plantation with GPS reading at both the ends | Length in RKM | No of Plants planted species wise | | Height in cm. | | | No of plants survived | Survival % | Fencing | | Remarks |
|------------------------|---|---------------|-----------------------------------|------|---------------|-----|-------|-----------------------|------------|---------|-------------------|---------|
| | | | | | Min | Max | Avg | | | Type | Length (in meter) | |
| | | | Species | No. | | | | | | | | |
| Bhadrak (W/L) Division | N 21-02662 E 86-786118 | | Kasurja | | 120 | 210 | 165 | | | | | |
| | | | Sirisa | | 125 | 360 | 242.5 | | | | | |
| | | | Neem | | 165 | 180 | 172.5 | | | | | |
| | | | K. Badam | | 135 | 195 | 165 | | | | | |
| | | | Patuli | | 135 | 195 | 165 | | | | | |
| | | | Jamu | | 120 | 150 | 135 | | | | | |
| | | | Arjuna | | 90 | 165 | 127.5 | | | | | |
| | | | | 1250 | | | | 914 | 73.121 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

12. General observation by Evaluation Team: -

(a) Suitability of the site for Plantation: - Suitable for plantation

(b) Site specific right choice of the species: - maintained

(c) Reasons for high / low survival percentage: - water logged area

(d) Suggestions by Evaluation Team: - Needs special protection

(e) Others if any: -

Dinesh K. Singh - FR

Signature of the field staff

Signature of the evaluation Team
Including VSS/PRI members

Rajkishore Nayak, FR
Satyaprakash Swain, FR
Dama Chandra Aembarom F. 4