

Detailed scheme of Compensatory Afforestation to be carried out in lieu of 0.48 Ha. of Proposal Diversion of 0.48 ha of Reserve Forest for Constructing Hadiol_kankrol-Berana Road S.No. 672 Ta. Himatnagar , District- Sabarkantha in Favour of Executive Engineer, R&B Panchyat Division Sabarkantha

(1) Details of degraded forest land. :-

Village: Sambalwad

District: Sabarkantha.

Taluka: Idar

Name of Forest Division: Sabarkantha.

Range: Vadali

Block/Compartment/Survey No.:

600

(2) Description of Area:

Soil type: Murumy

Topography: Hilly/Plain/Slope-Steep/medium/gentic.

Whether the area is bearing any root stock or Vegetation.....

(3) Name of Plantation Programme:

Model No.3

1.00 H.A.

(4) Schedule of Plantation programme:

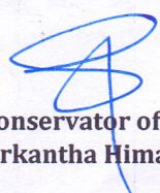
The Compensatory Afforestation on non forest land would be started by Dy.Conservator of Forest Sabarkantha Division Himatnagar as early as possible after the proposal is formally approved.

Details of Yearwise break-up of requirement of fund is as under:

(Daily wage: Rs.304.20)

Year	Area	Rate per Ha.	Total Amount.
0 Year	1.00	91663	91663
1 Year	1.00	62194	62194
2nd Year	1.00	40374	40374
3rd Year	1.00	32557	32557
4th Year	1.00	13293	13293
5th year	1.00	7154	7154
6th year	1.00	7630	7630
7th year	1.00	8107	8107
8th year	1.00	8585	8585
9th year	1.00	9062	9062
10th year	1.00	9538	9538
Total		290157	290157

The User Agency has given an undertaking to pay the cost of Compensatory Afforestation as per the prevalling wages (including the price excalation and supervision charges).


Dy.Conservator of Forests
Sabarkantha Himatnagar.

(5) Technical Details :

Technical Details of Compensatory Afforestation are as follows :

(a) General Details:

(b) Spacement

4 x 3 mt.

(c) Species

Small Timber, Fuelwood & MFP species such as Acacia, Zizyphus, Albizia labbach, Madhuka indica, Dandrogalamus strictus etc. will be planted.

(d) Nursery Technique

9 months old seedlings raised in 15 cm x 25 cm x 200 gr. & 25 cm x 30 cm x 200 gr of polypot will be planted with the on set of monsoon.

(e) Site Preparation.

Area should be survyed and then protection trenches, pits, contour trenches & SMC works will be carried out. Total 858 pits and 300 no. contour trenches will be dug up per hector aerea.

(f) Plantation Method (Size of Pit, Ploughing etc.)

Size of Pit: 45x45x45 cms (833 Pits/ha.) & 1x1x1ms. (25pts.)

(g) SMC Work

Wire Fencing

Gully plugging, small checkdam, vantalavadi and Nalabunding works will be carried out for Soil and Moisture Conservation.

(h) Protection.

Wire Fencing will be created arround the plantation. Ipomea or Jetropha cutting will be planted on dug up soil.

(i) Cilvicultural afforestation.

1st Year: Three weedings with soil working will

be done in the first year.

2nd Year: Two weeding with soil working will

be done in the second year.

3rd Year: Two weeding with soil working.

4th Year: One weeding with soil working. Maintation of fencing/tending operation

5th Year: Protection & Maintation of fencing/tending operation

6th Year: Protection & Maintation of fencing/tending operation

7th Year: Protection & Maintation of fencing/tending operation

8th Year: Protection & Maintation of fencing/tending operation

9th Year: Protection & Maintation of fencing/tending operation

10th Year: Protection & Maintation of fencing/tending operation

(j) Maintenance.

Fence repair, cleaning, pruning and upkeep of planted and naturally regenerated sapling will be done casual labour till the end of Xth year.

(k) Subsequent silvicultural operations proposed such as cleaning, cutbacks, thinnings etc. (as per species specific requirement).

1) It is expected that due to cutback operation & Proper Protection the plant population will be high. thinning will threrfore, be carried out in the 5th year to bring down the plant population to 858 seedlings per Ha.

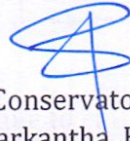
2) In 10th year 50% of the existing pole crop will be thinned, bringing down the plant population to 300 per ha.

Note.

1. Seed sowing along fencing toward the inner side, and also in plot.

2. Planting of cutting of ipomea/Glaricidia along the fencing towards outer side.

3. Planting of 25 seedling of Deshi Mango in a pit size of 1m x 1m along the boundary of the plot.



Dy. Conservator of Forests
Sabarkantha. Himatnagar