

Copy of letter No.SF3-19635/83 dated 19-12-1983 from the Chief Conservator of Forests (Social Forestry) Trivandrum. To the Conservator of Forests, Trichur.

Sub: - Guidelines –issued in connection with the various social Forestry Works.

Enclosed please find guidelines issued in connection with various Silvi cultural operations undertaken by the Social Forestry Wings. You are requested to follow the instruction strictly while carrying out various works. Please acknowledge the receipt of the same.

Yours faithfully,

Sd/-

For Chief Conservator of Forests.

Endt.on G4 13708/83 dated10-/1984

Copy with copy of the enclosures communicated to the Divisional Forests Officers/Range Officers of information and necessary action. The instruction issued by the Chief Conservator of Forests may be followed strictly while carrying out various works under Social Forestry Scheme (i.e Rural Fuel wood, Farm Forestry: N.R.E.P.etc.) This is in continuation of this Office Endt No: FS.5632/80 dated 15.2.1982. The receipt of this communication should be acknowledged strictly.

Copy to TR/CH/VC/ML/D/D1 sections in the Officers for information and attention.

Copy to Stock file.

For Conservator of Forests,
Central Circle,
Trichur.

The following guidelines are issued in connection with the various silvicultural operations undertaken by the social forestry wing. Forest schedule of rates have been approved by Government for various items of work in connection with nurseries, plantations etc. Depending upon Local conditions and management requirements it is necessary to change the techniques in various items of works. It is necessary to do this in social Forestry works to reduce cost also without sacrificing quality of work. Based on the experience gained so far the following recommendations are given.

(1) **FORMATION OF NURSEY BEDS**

At present irrespective of the seeds sown and the seedlings grown, the height of the raised beds are taken as one foot (30 cms) This (30 cm.) depth is required for seedings which are grown for one year like teak where nursery beds have to support seedings of bigger size and where the height of the beds will help easy removal of the seedling without damage to the root system. In most cases whenever seedlings are bracketed, the seedlings are grown in mother beds only for a short period to get a small seedling. It is therefore necessary that nursery beds need generally be taken only with a height of 15 cms. Except in the case of teak or any other species which are reared for one year. The scheduled rates also provide for bamboo that ties around nursery beds. It is generally seen that bamboo that ties is not required for protecting the sides of beds wherever the soil is good. It is therefore not necessary to have bamboo that ties to protect the sides of nursery beds. Without bamboo that ties, the cost of formation of nursery beds of 30 cm. may be taken as 3 man mazdoors. When the height of the bed is reduced to 15 cm. the cost may be kept at 2 man mazdoor per bed.

(2) **SHADE PANDAL**

Shade pandal may be taken only in the case of Eucalyptus, Casuarina and Silver oak as far as seed bed nurseries are concerned. No shade pandal need be taken for other species except in extreme cases of poor soil drought conditions etc, to be decided by conservator of Forests. Water proof shade pandal need not be done and therefore the thickness of cad Jan leaves or any other thatching material may be reduced and cheaper materials used where available. The rates given are applicable for both seed as well as basket bed nurseries.

(3) **WATERING**

It is often found that there is excess watering in some of the nurseries in the anxiety of getting more seedlings. This is to be checked since excess watering is likely to encourage fungus damage. It is therefore recommended that minimum quantity of water alone may be used for this purpose and that too once per day. In the case of seed bed nurseries a rate of 5 man mazdoors per 100 beds is recommended. Continuous watering at the rate of one watering per day may be done for the first 20 days and thereafter watering may be done on alternate days for 40 days. In the case of species like Eucalyptus, Casuarina and silver Oak 10 man mazdoors per 100 beds for 20 days continuously and 40 days on alternate days at the rate of 2 waterings per day may be done.

(4) In the case of maintenance of nurseries, it is not necessary to engage personnel separately for protection and maintenance. The same person may attend to both the works. Weeding beds as and when necessary including protection may be done. For this, half man mazdoor per day bed may be provided for weeding the entire period of nursery.

(5) **BASKETTED BED MINISTRY**

It is necessary to change some of the techniques now followed. Nurseries need be taken only where there is no need for felling of trees and incurring heavy expenditure on clearing site. It is also not necessary to take plat-forms. It is enough if only the ground is prepared and after basket ting is done the sides are packed with some soil (instead of bamboo that ties) for keeping the bags properly. The expenditure anticipated is 4 and 5 man mazdoor per bed. Collection of soil and severing etc. need not be done elaborately since the seedlings are to be planted to a site very soon. An average cost of 18 paise/100 bags is recommended. The size of the poly bags may be reduced to 12 cm. x 15 cm. or 12 cm. x 12 cms. A cost of Rs. 1.28 per 100 bags (including V.D.A.) is recommended for filling 100 bags. For pulling out the seedlings and transplanting them in the poly bags reduction may be effected. Shade pandal may be provided only to maximum of 50% of the total number of beds. It is suggested that when once the seedling are established under the shade pandal may be shifted to new beds. The cost of materials may be kept at rs.27.40/pandal and wages of 1 man mazdoor provided for one pandal. Watering may be done for 15 days continuously and thereafter 30 days Alternatively at the rate of 5 man mazdoors per 100 beds. Maintenance including protection and weeding whenever necessary may be done using half man mazdoor per bed.

PLANTATIONS

Aligning and staking need in most cases be done only at alternate rows, the position of the seeding between these may be marked using a measuring stick. This will reduce the cost of aligning to of the present cost. The size of the pits may be reduced from 25 cm x 25 cm. to 20 cm x 20 cms. At lower slopes wherever the soil is deep. The proportionate reduced rate (Rs, 4 per 100 trees) may be sanctioned. In the case of weeding the cost of first weeding may be reduce by half by adopting line wading since there will not be much weed growth near the plants because of pitting and scraping around at the time of planting . No watchers should be engaged for the plantations exclusively. Maintenance works may be taken up (soil working, manuring etc.) during the fire season and rest of the time so that those who work in the plantation can also look-after protection work. Revised rates incorporating the revised recommendations are enclosed.

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For Conservator of Forests,
Central Circle,
Trichur.