

GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT

Re.No. 22094/91/I-3,
Dated: 29-5-1992.

Office of the Prl. Chief Conservator
of Forests, Aranya Bhavan, A.P.
Hyderabad - 500 004.

Dr. K. Kesava Reddy, I.F.S.,
Prl. Chief Conservator of Forests.

CIRCULAR NO. 8/22

Sub:- Shore Area plantations - Management of Shelter
belt plantations raised along the coast -
Circular instructions - Issued.

The Principal Chief Conservator of Forests constituted a committee to go into the issues connected with shelter belt management including a study on harvesting without effecting the main purpose of shelter belts and silvicultural and management policies of the species or the objectives adversely.

2) The committee discussed the issues involved in the matter at length and submitted their views to the Principal Chief Conservator of Forests. The same has been examined and the following guidelines are issued.

CHOICE OF SPECIES :-

- 1) For shelter belts, the first few rows (i.e. 2-3 rows) from the high tide and facing the sea should be planted with PANDANUS and similar species which will not be harvested at all. In addition to casuarina multi-purpose trees (MPTS) depending upon the local soil conditions will also be planted as per the enclosed planting model. Palmyrah nuts will be dibbled around each plantation at 1m apart.

2) Espacements :-

1) Casuarina
Species:

Espacement

1) Casuarina

2m x 2m.

2) MPTS

4m x 4m.

3) Palmyrah

1m x apart.

Rotation:-

For casuarina the rotation is fixed at 8 years. The MPTS and Palmyrah will be worked on physical rotation. In case of Casuarina, side branches shall be pruned to a height of 1/3 rd of the tree from the base in the 4th year.

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4) Planting technique :-

The present technique of bag planting in suitable sized polypots for different species will other cultural operations in the year of raising and the following year of ~~raising and the following~~ will be continued. Further the watch and ward may be provided upto the end of rotation of (8) years, if exigancies require so and funds permit.

5) Harvesting :-

- a) Casuarina will be exploited every 8 years.
- b) The shelter belt plantations should be divided into (2) strips, length running parallel to the coastal line.
- c) The strip on the sea-ward side after attaining the age of 8 years should be harvested first leaving the sea-ward side strip unfelled. The cleared strip will be replanted in the same year. Once the plantation in this strip reaches an age of 4 years by which time they would have grown well and able to with-stand the velocity of high winds, the other strip facing the sea will be felled and planted. This way a shelter belt continues to be physically available all through fulfilling its objective.
- d) In the event of any specific problem arising, due to local conditions, detailed deviation proposals shall be submitted by the Conservator of Forests and approval of the Principal Chief Conservator of Forests obtained.
- e) The MPTS and Palmyrah trees will be worked on physical rotation to meet local requirement of the public.

The receipt of the circular may please be acknowledged immediately.

Sd/- DR.K.KESAVA REDDY,
Principal Chief Conservator of Forests,

To
All the Officers of Distribution List 'A'
(* Except Accounts Officers)

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