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Office of the chief conservator of Forests,
Trivandrum, Dated 23-12-83

From

The Chief Conservator of Forests,
Trivandrum.

To

The Secretary to Government,
Agriculture (Forest) Department,
Trivandrum.

Sir,

Sub: Assessment of. Volume /Weight relationship of Eucalyptus wood-
Evaluation of a formulae for assessment –reg.

Ref: Govt: letter No.77058/F3/79/AD dated 29-10-1982.

The Forest Department has to supply Eucalyptus wood to various Industries such as Gwalior Rayons, Punalur Paper Mills and Hindustan Paper Corporation. In the case of Gwalior Rayons the wood has to be supplied without bark and in the case of Punalur Paper Mills the wood is to be supplied with bark .As per the provisions of Kerala Forest Produce (Fixation of selling price) Act 1978 the rate notified from time to time is for wood with bark.

The Eucalyptus wood is cut into billets and stacked in stacks of 2X1X1 0 2 cum (Volume) with or without bark. The weight of such stacks had not been accurately assessed.

In the case of Gwalior Rayons 2M3 Volume of Eucalyptus wood (all species) without bark was considered to weigh 1,1 tonne. In the second supplementary agreement dated 10.7.74 this assumption, that is 2m3 Eucalyptus wood without bark is equivalent to 1.1 tonne, had been incorporated without bark 1.1. However, their agreement period is over by 19.1.1983. Now on the basis of the findings of the Kerala Forest Research Institute, this formulae requires revision. In the case of Punalur Paper Mills the supply of Eucalyptus territicornis with bark is made on the strength of the formula that 2m3 Eucalyptus territicornis with bark will weigh 1.6 tonnes

The Kerala Forest Research Institute has made extensive studies to suggest suitable conversion factors for conservation of the volume into weight. They have suggested the following average figures both in the case of wood without bark and wood with bark.

<u>Wood without bark..</u>	Equivalent weight with bark in tonnes of 2m3 wood without bark round.	In round.
Eucalyptus territicornis	1.8331 tonne	1.8
	1.5880 tonne	1.6
2. <u>Wood with bark.</u>	Weight in tonnes of 2m3 wood with bark.	
Eucalyptus territicornis	1.4705	1.5
Eucalyptus grandis	1.3710	1.4

Although the KFRI has suggested these averages their opinion is that, the difference in the relationship between the two species and the difference between zones within each species are significant due to the local factors and age of plantations. But it will not be practical to suggest the conversion factors for each locality and for each age of plantations. Therefore the averages (in round) suggested by KFRI may be accepted and orders issued. So that the conservation factors can be made applicable uniformly for all supplies for purpose of relating value and for computing quantities agreed to be supplied.

Yours faithfully.

For Chief Conservator of Forests.

Copy to all Conservators of Forests for information.