

# **NORMS FOR 10 HA. BLOCK PLANTATION**

Area (ha.)	10
Spacing (m x m)	2 x 2
Number of Sapling/ha	2500
Length of Fence (RM)	1800
Wage rate (Rs.)	240
Increase in wage rate for subsequent years by a factor	1.1
Appreciation of material costs by a factor	1.1

Sl No	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
	<b>ERECTION OF FENCING (2016-17)</b>					
1	(a) Cost of full chain-linked goat proof fencing 6 ft. (over ground 6 ft & underground 2 ft.), Size of the post - 2 x3 inch over ground & 4x4 inch under ground with 4 nos of 8 mm rod in each post. The fencing will go through the RCC post to prevent getting stolen. 2 (Two) barbed wire strands above the chainlinked goatproof fencing. The RCC post will be erected at 1.8 mt. apart including transportation of fencing materials to site. Also 10 % extra support post included in the estimate.	RMs		1800	1100	1980000
	(b) Wages of DLs for carrying, fencing, fixing etc. of fencing materials 20 DLs/100 RM	DLs		360	240	86400
	<b>Sub-total</b>					<b>2066400</b>
2	<b>INFRASTRUCTURE IN PLANTATION AREA</b>					
	Cost of tools & implements	Nos.		1	5000	5000
	<b>Sub-total</b>					<b>5000</b>
	<b>ADVANCE WORK (2016-17)</b>					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha	DLs	20	200	240	48000
	Preparation and acquisition of polypot sapling in the field nursery for planting 2500 nos. seedlings/ha. @ Rs.8/- per polypot/stump	Nos.	2500	25000	8	200000
3	Preparation of polypot sapling in the field nursery for vacancy filling					
	(a) 25 % mortality expected during 1st year (to be planted in the field during the 2nd year ) i.e. 625 seedlings/ha. @ Rs. 8/- per polypot/stump	Nos.	625	6250	8	50000
	(b) 20 % mortality expected during 2nd year (to be planted in the field during 3rd year), i.e. 500 seedlings/ha. @ Rs.8/- per polypot/stump	Nos.	500	5000	8	40000
	<b>Sub-total</b>					<b>338000</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>16900</b>
	<b>ADVANCE WORK (2016-17) cost</b>					<b>354900</b>
	<b>CREATION &amp; 1ST YEAR MAINTENANCE (2017-18)</b>					
4	Soil working, carriage of stumps, polypot seedling and planting at the plantation site including dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 40 DLs/ha	DLs	40	400	240	96000
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	900	240	216000
	Contingency					8000
	<b>Sub-total</b>					<b>320000</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>16000</b>
	<b>CREATION &amp; 1ST YEAR MAINTENANCE (2017-18) cost</b>					<b>336000</b>
	<b>2nd YEAR MAINTENANCE (2018-19)</b>					
5	5 weedings, fire protection works @ 10 DLs/ha/weeding	DLs	50	500	264	132000
	25 % vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	100	264	26400
	Contingency					8000
	<b>Sub-total</b>					<b>166400</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>8320</b>
	<b>2nd YEAR MAINTENANCE (2018-19) cost</b>					<b>174720</b>



SI No	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
	<b>3rd YEAR MAINTENANCE (2019-20)</b>					
6	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	320	291	93120
	20 % vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	80	291	23280
	Contingency					8000
	<b>Sub-total</b>					<b>124400</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>6220</b>
	<b>3rd YEAR MAINTENANCE (2019-20) cost</b>					<b>130620</b>
	<b>4th YEAR MAINTENANCE (2020-21)</b>					
7	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	320	321	102720
	Contingency					8000
	<b>Sub-total</b>					<b>110720</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>5536</b>
	<b>4th YEAR MAINTENANCE (2020-21) cost</b>					<b>116256</b>
8	<b>5th YEAR MAINTENANCE (2021-22)</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 8 DLs/ha	DLs	8	80	354	28320
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.					10000
	Contingency					5800
	<b>Sub-total</b>					<b>44120</b>
	<b>Over head cost (@5 % of sub total cost)</b>					<b>2206</b>
	<b>5th YEAR MAINTENANCE (2021-22) cost</b>					<b>46326</b>
	<b>Grand total</b>					<b>3230222</b>

(Rupees Thirty two lakhs thirty thousand two hundred twenty two) only

Submitted by,

*[Signature]*  
29/07/2016

(R.K. Das, IFS)  
Divisional Forest Officer  
Digboi Division, Digboi

**Divisional Forest Officer**  
**Digboi Division, Digboi**  
**Tinsukia, Assam**