

**Abstract Value of Tree growth in Natural Forest Area 434.85 Ha in Kondaveedu RF in Guntur Division**

Sl. No	Botanical names of speices	Local Name	Number of trees/Poles	Girth class wise number of trees/poles					Timber in Cum.	Fuel in Cum	Value of Timber	Value of Fuel	Total Value in Rs.	Remarks
				31 to 60 Cms	60 to 90 Cms	91 to 120 Cms	Above 120 Cms	No. of Poles						
1	Azadirachta indica	Neem	13	6	0	0	0	7	0	0.298	0	238.24	238.24	
2	prosopis concinna	Jammi	1	1	0	0	0	0	0	0.042	0	33.21	33.21	
3	Manilkara hexandra	Pala	23	0	0	0	0	23	0	0.172	0	137.31	137.31	
4	Diospyros chloroxylon	Ullinda	3	1	0	0	0	2	0	0.053	0	42.16	42.16	
5	Hymenodictyon orixense	Burajala	3	0	0	0	0	3	0	0.022	0	17.91	17.91	
6	Grewia rotundifolia	Jana	23	1	0	0	0	22	0	0.206	0	164.55	164.55	
7	Carissa spinpruno	Vepi	110	32	0	0	0	78	1.190	0.601	5225	480.97	5706.27	
8	Acacia catechu	Sandra	7	1	0	0	0	6	0	0.083	0	66.04	66.04	
9	Ficus lucescens	Banda juvi	1	1	0	0	0	0	0	0.057	0	45.34	45.34	
10	Euphorbia anteanorum	Bramhajamudu	1	0	0	0	0	0	0	0.007	0	5.97	5.97	
11	Givotia rottleriformis	Tella poliki	4	1	0	0	0	3	0	0.079	0	63.25	63.25	
12	Albizia amara	Cheeki reni	9	4	0	0	0	4	0	0.204	0	162.87	162.87	
13	Anogeissus latifolia	Chiru manu	1	0	0	0	0	1	0	0.026	0	21.08	21.08	
14	Prosopis juliflora	Juliflora	5	0	0	0	0	5	0	0.041	0	32.84	32.84	
15	Whithania somnifera	Yedhurugumma	2	0	0	0	0	2	0	0.015	0	11.94	11.94	
16	Pterolobium hexapetalum	Parika	1	1	0	0	0	0	0	0.042	0	33.21	33.21	
17	Prosopis juliflora	Pichi tumma	1	1	0	0	0	0	0	0.057	0	45.34	45.34	
18	Dalbergia sissoo	sisso	1	0	0	0	0	1	0	0.007	0	5.97	5.97	
	<b>Total</b>		<b>213</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>1.190</b>	<b>2.010</b>	<b>5225</b>	<b>1608.19</b>	<b>6833.49</b>	

Total block area	5202.30 Ha
Proposed area for diversion	434.85 Ha
Plantation area	43.24 Ha
Balance area	391.61 Ha
Number of sample plots	39 Nos
Area of sample plot	0.1 Ha
Total sample plots area	3.9 Ha
Value of fuel wood and Timber per 3.90 ha in Rs.	6833.49
Value per 1 Ha in Rs.	1752.18
Value of Natural Forest proposed for diversion in Rs.	686170.00
Value of plantation areas	706541.60
Total value	1392711.60
Add @ 10% for escalataton	1531982.77
Extraction charges (2017-18)	650000.00

  
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**/Abstract Value of Tree growth in Plantation Areas 434.85 Ha in Kondaveedu RF in Guntur Division**

Sl.N	Local name of tree	Botanical name of tree	No of trees	Girth class wise number of trees in Cum					Timber in Cum	Pulp wood / Fuel in No/Cmt	Total Value in Rs.	Remarks if any
				20-30	31-45	46-60	61-90	No. of Poles				
5	2007 Eucalyptus 10.0 Ha plantation	Eucalyptus tereticornis	6150	3600 Nos / 60.84Cum	2550 Nos/ 102.0 Cum	0	0	0	0.00	162.84	358248.00	
6	2008 Eucalyptus 5.0 Ha plantation	Eucalyptus tereticornis	700	300 Nos / 5.07 Cum	400 Nos/ 16.0 Cum	0	0	0	0.00	21.07	46354.00	
7	2004 Eucalyptus 10.0 Ha plantation	Eucalyptus tereticornis	7100	4200 Nos / 70.98 Cum	29000 Nos/ 116.0 Cum	0	0	0	0.00	186.98	411356.00	
8	2012 Eucalyptus 1.74 Ha plantation	Eucalyptus tereticornis	425	425 Nos / 7.183 Cum	0	0	0	0	0.00	7.183	15802.60	
9	2012 Eucalyptus 1.50 Ha plantation	Eucalyptus tereticornis	320	320 Nos / 5.408 Cum	0	0	0	0	0.00	5.408	11897.60	
10	1999 Eucalyptus 5.0 Ha plantation	Eucalyptus tereticornis	310	310 Nos / 5.239 Cum	0	0	0	0	0.00	5.239	11525.80	
11	2004 Eucalyptus 10.0 Ha plantation	Eucalyptus tereticornis	6000	3900 Nos / 65.91 Cum	2100 Nos/ 84.0 Cum	0	0	0	0.00	149.91	329802.00	
	<b>Total:</b>		<b>21005</b>	<b>13055</b>	<b>34050</b>				<b>0.00</b>	<b>538.63</b>	<b>1184986.00</b>	

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**DET Scheme proposals for proposed diversion area an extent of (434.85 Ha) in F/o  
Commissioner AP CRDA in Kondaveedu RF, Eanamadala Beat and Guntur Section of  
Guntur Range**

Sl. No.	Qty.	Description of work with detailed specifications	FSR Item No.	Rate	per	Total amount
1		Felling trees, logging and conversion of timber by Saw including de-barking at mid girth for a width of 5 cms around, putting marks at both ends to indicate the length measurable belt and measuring legs and putting digit numbers as well as paint numbers at both ends excluding cost of paint (axe cutting to be done if sawers are not available with prior permission of the Circle head				
	322.978	at Kondaveedu RF	03-01-001	177.58	Cum	57354
		<b>Dragging of timber to loading points.</b>				
2	322.978	2)Undulating and sloping	03-01-003	161.49	Cum	52158
3	538.63	Felling, Dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 CMT rate.	03-04-004	357.84	Cum	192743
4	Ls	100 Tree exercise involving felling, dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 cum (this rate should not be used for general extraction)	03-04-005	Ls	Cum	100000
5	Ls	Erection of labour sheds-2 Nos	Ls	Ls		75000
6	7 Nos 3 Months	Watch and ward ( 7 Nos for 3months) ( as per Collector wage rate @ 248/- day = 26 days x248 = 6448/- PM	Collector wage rate	6448	Month	135408
7		Contigencies		Ls	Ls	37337
		<b>Total</b>				<b>650000</b>

  
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