

**Abstract Value of Tree growth in Natural Forest Area in Karlapudi 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	Albizia amara	Chikireni	139	66	3	0	0	0	0.00	3.34734	0.00	2677.88	2677.88	
2	Azadirachta indica	Neem	16	5	4	0	0	0	0.61	0.05300	5401.51	42.40	5443.91	
3	Cassia siamea	Seema tangedu	1	1	0	0	0	0	0.00	0.03797	0.00	30.38	30.38	
4	Ficus racemosa	Juvvi	1	0	0	0	0	1	0.00	0.00750	0.00	6.00	6.00	
5	Borassus flabellifer	Tati chettu	2	0	2	0	0	0	0.00	0.21094	0.00	168.75	168.75	
6	Acacia leucophloea	Tella tumma	15	7	0	0	0	8	0.00	0.32578	0.00	260.63	260.63	
7	Zizyphus xylopyrus	Gotti	1	0	0	0	0	1	0.00	0.00750	0.00	6.00	6.00	
8	Grewia rotundifolia	Jana	7	2	0	0	0	5	0.00	0.11344	0.00	90.75	90.75	
	<b>Total</b>		<b>182</b>	<b>81</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>92</b>	<b>0.61</b>	<b>4.71469</b>	<b>5401.51</b>	<b>3771.75</b>	<b>9173.26</b>	

Total block area	365.43	Ha
Proposed area for diversion	371.80	Ha
Plantation area	72.05	Ha
Balance area	299.75	Ha
Number of sample plots	35.00	Nos
Area of sample plot	0.10	Ha
Total sample plots area	3.50	Ha
Value of fuel wood and Timber per 3.5 ha in Rs.	9137.26	
Value per 1 Ha in Rs.	2610.65	
Value of Natural Forest proposed for diversion in Rs.	782541.05	
Value of plantation areas	2272592.45	
<b>Total value</b>	<b>3055133.50</b>	
<b>Add 10% for escalation to 2017-18</b>	<b>3360646.85</b>	
<b>Extraction charges(FSR-17-18)</b>	<b>850000.00</b>	

  
 Divisional Forest Officer  
 Guntur

  
 Forest Range Officer  
 Guntur

**Abstract Value of Tree growth in Plantation Areas in Karlapudi RF in Guntur Division**

Sl. No	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				
1	Velaga	Feronia elephantum	135	0	135	0	0	0.00	5.4	4320.00	
2	Kunkudu	Satindas emeraginatus	240	2.282 Cum	45	0	0	0.00	4.08	3265.60	
3	Usiri	Emblica officinalis	630	3.803 Cum	405	0	0	0.00	20.00	16002.40	
4	Chinta	Tamarindas indica	90	90 Nos / 1.521 Cum	0	0	0	0.00	1.52	1216.80	
5	Jamoli	Eucalyptus tereticornis	37278	2030 Nos / 34.307 Cum	9915	0	0	0.00	60.91	133995.40	
6	Vepa	Azadirchta indica	1334	7 Nos / 0.118 Cum	667	667	0	0.28	0.12	2565.70	
7	Vepa	Azadirchta indica	840	420 Nos / 7.098 Cum	0	0	0	16.80	7.10	153955.00	
8	teak	technactona grandis	90	90Nos / 1.521 Cum	0	0	0	1.521	0.00	13424.35	
9	Sissoo	Dalbrgia sissoo	4785	975Nos / 16.478 Cum	270	0	0	0.00	16.478	13182.40	
10	Yegisa	Pterocarpus marsupium	60	60 Nos / 1.014 Cum	0	0	0	0.00	1.014	811.20	
11	Tella maddi	Terminalia arjuna	650	500 Nos / 8.45Cum	150	0	0	0.00	14.45	11560.00	
12	Neredu	Syziumcumini	870	510 Nos / 8.619 Cum	360	0	0	0.00	23.019	18415.20	
<b>Total:</b>					<b>11947</b>			<b>18.601</b>	<b>154.09</b>	<b>372714.05</b>	

  
 Divisional Forest Officer  
 Guntur

  
 Forest Range Officer  
 Guntur

Abstract Value of Tree growth in Plantation Areas in Karlapudi RF in Guntur Division

Sl. No	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				
1	1999 Misc. 5.5 Ha plantation.	Feronia elephantum / Velaga	135	0	135 Nos/ 5.40 Cum	0	0	0	0.00	5.4	4320.00	
		Satindas emeraginatius	180	135 Nos / 2.282 Cum	45 Nos/ 1.80 Cum	0	0	0.00	4.08	3285.60		
		Emblica officinalis	630	225 Nos / 3.803 Cum	405 Nos/ 16.20 Cum	0	0	0.00	20.00	16002.40		
2	2002 Eucalyptus & Misc. 3.5 Ha plantation	Tamarindas indica	90	90 Nos / 1.521 Cum	0	0	0	0.00	1.52	1216.80		
		Eucalyptus tereticornis	2695	2030 Nos / 34.307 Cum	665 Nos/ 26.60 Cum	0	0	0.00	60.91	133995.40		
		Azadirchta indica	14	7 Nos / 0.118 Cum	7 Nos/ 0.28 Cum	0	0	0.28	0.12	2565.70		
3	2001 Misc., 3.00 Ha plantation	Azadirchta indica	840	420 Nos / 7.098 Cum	420 Nos/ 16.80 Cum	0	0	16.80	7.10	153955.00		
		technactona grandis / teak	90	90Nos / 1.521 Cum	0	0	0	1.521	0.00	13424.35		
4	1999 Eucalyptus 1.50Ha plantation.	Eucalyptus tereticornis	830	380 Nos/ 6.422 Cum	450 Nos/ 18.00 Cum.	0	0	0.00	24.422	53728.40		
		Eucalyptus tereticornis	2210	260 Nos / 4.394 Cum	1950 Nos/ 78.00 Cum.	0	0	0.00	82.394	181266.80		
5	2002 Misc., 6.50 Ha plantation	Dalbrgia sissoo / Sissoo	975	975Nos / 16.478 Cum	0	0	0	0.00	16.478	13182.40		
		Dalbrgia sissoo / Sissoo	3360	3240 Nos / 54.756 Cum	120 Nos/ 4.800 Cum	0	0	0.00	59.556	47644.80		
6	2002 Misc., 6.00 Ha plantation	Azadirchta indica / Neem	480	240 Nos / 4.056 Cum	240 Nos / 9.600 Cum	0	0	9.60	4.056	87974.00		
		Satindas emeraginatius	60	60 Nos / 1.014 Cum	0	0	0	0.00	1.014	811.20		
		Pterocarpus marsupium	60	60 Nos / 1.014 Cum	0	0	0	0.00	1.014	811.20		
		Eucalyptus tereticornis	1260	1140 Nos / 19.266 Cum	120 Nos/ 4.80 Cum	0	0	0.00	24.066	52945.20		

Sl. No	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				
7	2012 Eucalyptus 2.00 Ha plantation.	Eucalyptus tereticornis	1060	780 Nos / 13.182 Cum	280 Nos / 11.20 Cum	0	0	0	0.00	24.382	53640.40	
8	1999 Eucalyptus 2.55 Ha plantation.	Eucalyptus tereticornis	1683	1658 Nos / 28.012 Cum	25 Nos / 1.00 Cum	0	0	0	0.00	29.012	63826.40	
9	2001 Eucalyptus 6.50 Ha plantation.	Eucalyptus tereticornis	5200	5200 Nos / 87.88 Cum	25 Nos / 1.00 Cum	0	0	0	0.00	87.88	193336.00	
10	2003 Eucalyptus 2.00 Ha plantation.	Eucalyptus tereticornis	980	980 Nos / 16.562 Cum	0	0	0	0	0.00	16.562	36436.40	
11	2003 Eucalyptus 3.50 Ha plantation.	Eucalyptus tereticornis	1120	700 Nos / 11.83 Cum	420 Nos / 16.80 Cum	0	0	0	0.00	28.63	62986.00	
12	2003 Eucalyptus 10.00 Ha plantation.	Eucalyptus tereticornis	11700	8600 Nos / 145.34 Cum	3100 Nos / 124.00 Cum	0	0	0	0.00	269.34	592548.00	
		Dalbergia sissoo / Sissoo	450	300 Nos / 5.07 Cum	150 Nos / 6.00 Cum	0	0	0	0.00	11.07	8856.00	
13	2005 Misc., 5.00 Ha Misc., plantation	Terminalia arjuna / Tella maddi	650	500 Nos / 8.45 Cum	150 Nos / 6.00 Cum	0	0	0	0.00	14.45	11560.00	
		Eucalyptus tereticornis	3950	3900 Nos / 65.91 Cum	50 Nos / 2.00 Cum	0	0	0	0.00	67.91	149402.00	
14	2000 Eucalyptus 3.00 Ha plantation.	Eucalyptus tereticornis	1710	1680 Nos / 28.392 Cum	30 Nos / 1.20 Cum	0	0	0	0.00	29.592	65102.40	
15	2000 Misc. 3 Ha Plantation	Syziumcumini / Neredu	870	510 Nos / 8.619 Cum	360 Nos / 14.40 Cum	0	0	0	0.00	23.019	18415.20	
16	2012 Eucalyptus 3.50 Ha plantation.	Eucalyptus tereticornis	350	0	350 Nos / 14.00 Cum	0	0	0	0.00	14.000	30800.00	
17	2004 Eucalyptus 5.0 Ha plantation.	Eucalyptus tereticornis	2530	80 Nos / 1.352 Cum	2450 Nos / 98.00 Cum	0	0	0	0.00	99.352	218574.40	
	<b>Total:</b>								26.201	1027.328	2272592.45	

  
 Divisional Forest Officer  
 Guntur

  
 Forest Range Officer  
 Guntur

**DET Scheme proposals for proposed diversion area an extent of (371.80 Ha) in F/o  
Commissioner AP CRDA in Karlapudi RF, Endry Beat and Managalagiri Section of  
Guntur Range**

(FSR-2017-18)

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				
	653.271	at Karlapudi RF	03-01-001	177.58	Cum	116008
		<b>Dragging of timber to loading points.</b>				
2	653.271	2)Undulating and sloping	03-01-003	161.49	Cum	105497
3	858.452	Felling, Dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 CMT rate.	03-04-004	357.84	Cum	307188
4	653.271	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	75000
5	Ls	Erection of labour sheds-2 Nos	Ls	Ls		50000
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	60899
		<b>Total</b>				<b>850000</b>

  
Forest Range Officer  
Guntur

  
Divisional Forest Officer  
Guntur