

EP.No. 115 /2012-13 - Research on Timber production of *Pterocarpus santalinus*.

1	IUCN Conservation Status	:	Endangered	
2	Range / Location	:	Harur (R) Range	Kathiripuram (R) Centre
3	Objectives	:	To get superior genetic quality of seeds from the SSO of first generation.	
4	Area	:	1 ha	
5	Planted / Survival	:	400 / 113.	
6	Period of experiment	:	2012-permanent.	
7	Season- month	:	Flowering: April-July. Fruiting: August-January.	
8	Details of fruit yield	:	During 2025-26, 6.8 kg of seeds were collected and sent to the Trichy Seed Centre.	
9	Current status	:	Based on the growth parameters such as Height and girth, the average height was recorded as 4.49 m and the average girth as 26.13 cm, with a survival rate of 28 %.	



CPT-wise growth rate - *Pterocarpus santalinus*

S. No.	EP. No.	Name of the Experiment	Details of CPT's			No. of trees	Survival	Av. ht. (m)	Increment height (m)	Av. Girth (cm)	Av. Dia (cm)	Increment dia (cm)	Tallest tree (m)	Increment height (m)	Max girth (cm)	Max dia (cm)	Increment dia (cm)
			No of CPT's	Name of the CPT's	Location												
1	115 /2012-13	Research on Timber production of <i>Pterocarpus santalinus</i> .	1	TNF 4/c PS-01	Edaikkal	20	2	3.1	0.26	11	3.503	0.29	4.20	0.35	15	4.777	0.40
			2	TNF 4/c TG-02	Edaikkal	20	5	2.4	0.20	21.3	6.783	0.57	4.10	0.34	28	8.917	0.74
			3	TNF 4/c PS-09	Edaikkal	20	4	2.48	0.21	14.3	4.554	0.38	6.10	0.51	22	7.006	0.58
			4	TNF 5/a PS-03	Banavaram	20	4	1.93	0.16	14.5	4.618	0.38	3.05	0.25	16	5.096	0.42
			5	TNF 5/a PS-04	Banavaram	20	6	5.77	0.48	28.16	8.968	0.75	7.70	0.64	40	12.739	1.06
			6	TNF 5/a PS-05	Banavaram	20	8	4.84	0.40	27.28	8.688	0.72	8.40	0.70	36	11.465	0.96
			7	TNF 5/a PS-06	Banavaram	20	1	3	0.25	14	4.459	0.37	3.00	0.25	14	4.459	0.37
			8	TNF 5/a PS-07	Banavaram	20	2	6.05	0.50	28	8.917	0.74	8.20	0.68	41	13.057	1.09
			9	TNF 5/a PS-20	Pullambakkam	20	6	4.02	0.34	21.2	6.752	0.56	7.50	0.63	37	11.783	0.98
			10	TNF 5/a PS-21	Pullambakkam	20	6	5.74	0.48	29.2	9.299	0.77	7.55	0.63	40	12.739	1.06
			11	TNF 5/a PS-22	Pullambakkam	20	5	4.7	0.39	28.5	9.076	0.76	7.10	0.59	37	11.783	0.98
			12	TNF 5/a PS-23	Pullambakkam	20	5	6.13	0.51	33.4	10.637	0.89	8.10	0.68	44	14.013	1.17
			13	TNF 5/a PS-24	Pullambakkam	20	6	5.06	0.42	40	12.739	1.06	8.00	0.67	44	14.013	1.17
			14	TNF 5/a PS-25	Pullambakkam	20	4	5.72	0.48	44	14.013	1.17	7.60	0.63	51	16.242	1.35
			15	TNF 5/a PS-26	Pullambakkam	20	10	4.21	0.35	29.4	9.363	0.78	7.50	0.63	57	18.153	1.51
			16	TNF 5/a PS-08	Matharpakkam RF Vandalore	20	7	5.32	0.44	29.14	9.280	0.77	8.90	0.74	48	15.287	1.27
			17	TNF 5/a PS-09	Matharpakkam RF Vandalore	20	7	4.51	0.38	26.5	8.439	0.70	8.80	0.73	40	12.739	1.06
			18	TNF 5/a PS-10	Matharpakkam RF Vandalore	20	6	5.33	0.44	28.8	9.172	0.76	7.60	0.63	44	14.013	1.17
			19	TNF 5/a PS-11	Matharpakkam RF Vandalore	20	8	4.81	0.40	23.4	7.452	0.62	8.60	0.72	36	11.465	0.96
			20	TNF 5/a PS-12	Matharpakkam RF Vandalore	20	11	4.74	0.40	30.5	9.713	0.81	8.40	0.70	58	18.471	1.54
Total / averages						400	113	4.49	0.37	26.13	8.32	0.69	7.02	0.59	37.40	11.91	0.99