

EP.No.116 /2012-13 - Research on Timber production potential of *Melia dubia*.

1	IUCN Conservation Status	:	Not listed.	
2	Range / Location	:	Harur (R) Range	Kathiripuram (R) Centre
3	Objectives	:	Assemblage of CPT's of tree species as SSO for progeny trials.	
4	Area	:	1 ha	
5	Planted / Survival	:	400 / 118.	
6	Period of experiment	:	2012- Permanent.	
7	Season- month	:	Flowering: January-March Fruiting: November-February	
8	Details of fruit yield	:	During 2024-25, 46.5 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 6.73 m and the average girth as 41.25 cm, with a survival rate of 29 %.	



CPT-wise growth rate – *Melia dubia*

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	116 /2012-13	Research on Timber production potential of <i>Melia dubia</i>	1	TNF 1/e MD-1	Kombaipallam, Hassanur	20	8	6.82	0.57	46.25	14.729	1.23	8.70	0.73	78	24.841	2.07
			2	TNF 1/e MD-2	Kombaipallam, Hassanur	20	6	6.94	0.58	39.8	12.675	1.06	8.60	0.72	44	14.013	1.17
			3	TNFR 4/g MD-9	Patta land - A.K Muthur	20	7	6.62	0.55	39.28	12.510	1.04	7.95	0.66	52	16.561	1.38
			4	TNFR 4/g MD-10	Patta land - A.K Muthur	20	6	7.3	0.61	49.5	15.764	1.31	9.05	0.75	101	32.166	2.68
			5	TNFR 4/g MD-11	Patta land - A.K Muthur	20	7	6.4	0.53	37	11.783	0.98	7.30	0.61	58	18.471	1.54
			6	TNFR 4/g MD-12	Patta land - Arambi , Denkanikottai	20	6	7.28	0.61	45.6	14.522	1.21	7.80	0.65	58	18.471	1.54
			7	TNFR 4/g MD-13	Patta land - Arambi , Denkanikottai	20	5	6.04	0.50	34.2	10.892	0.91	7.85	0.65	46	14.650	1.22
			8	TNFR 4/g MD-14	Arambi , Denkanikottai	20	7	7.25	0.60	40.85	13.010	1.08	8.45	0.70	52	16.561	1.38
			9	TNFR 4/g MD-15	Patta land - Arambi , Denkanikottai	20	5	7.25	0.60	42.4	13.503	1.13	9.30	0.78	57	18.153	1.51
			10	TNFR 4/g MD-17	Patta land, Kundhukottai	20	5	6.8	0.57	43.6	13.885	1.16	8.45	0.70	56	17.834	1.49
			11	TNFR 4/g MD-18	Patta land, Kundhukottai	20	4	6.88	0.57	41.75	13.296	1.11	8.45	0.70	51	16.242	1.35
			12	TNFR 4/g MD-19	Patta land, Kundhukottai	20	8	6.57	0.55	46.6	14.841	1.24	9.00	0.75	79	25.159	2.10
			13	TNF 3/c MD-3	Manjoot beat, Kodaikanal	20	6	6.14	0.51	37.16	11.834	0.99	7.50	0.63	51	16.242	1.35
			14	TNF 3/d MD-4	FRO compound, Kulasekaram, Nazareth	20	5	7.22	0.60	45.6	14.522	1.21	8.35	0.70	48	15.287	1.27
			15	TNF 3/d MD-6	FRO compound, Kulasekaram, Nazareth	20	4	6.57	0.55	36.25	11.545	0.96	8.10	0.68	45	14.331	1.19
			16	TNF 4/c MD-7	Kallakurichi	20	6	5.49	0.46	38.5	12.261	1.02	7.80	0.65	53	16.879	1.41
			17	TNF 4/c MD-8	Highway lower camp, Dindigul	20	6	7.18	0.60	39	12.420	1.04	8.80	0.73	48	15.287	1.27
			18	CPT No 1	Maharajapuram, Erode	20	8	6.73	0.56	37.37	11.901	0.99	8.60	0.72	45	14.331	1.19
			19	CPT No 2	Thattakarai, Erode	20	4	6.36	0.53	41.25	13.137	1.09	7.80	0.65	48	15.287	1.27
			20	CPT No 13	Arambi, Denkanikottai	20	5	6.78	0.57	43	13.694	1.14	7.25	0.60	54	17.197	1.43
Total / averages						400	118	6.73	0.56	41.25	13.14	1.09	8.26	0.69	56.20	17.90	1.49