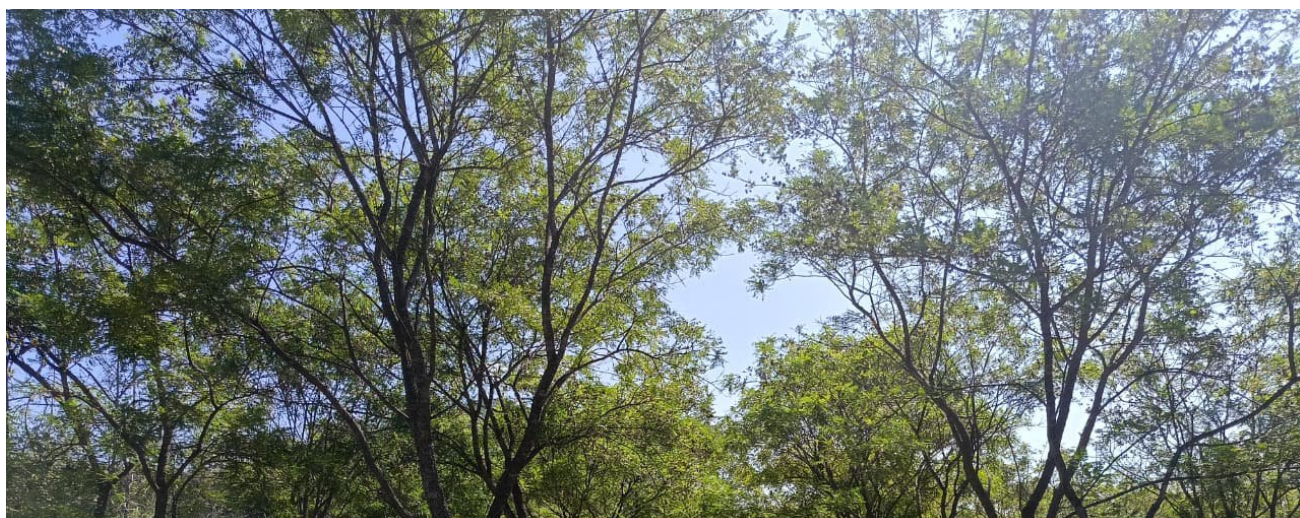


**EP.No. 44 /2005-06 - Progeny trial cum Seedling Seed Orchard of  
*Chloroxylon swietenia*.**

1	<b>IUCN Conservation Status</b>	:	Vulnerable.
2	<b>Range / Location</b>	:	Harur (R) Range                      Kathiripuram (R) Centre
3	<b>Objectives</b>	:	To raise SSO of <i>C. swietenia</i> for collecting quality seeds.
4	<b>Area</b>	:	2 ha.
5	<b>Planted / Survival</b>	:	1200 / 620.
6	<b>Period of experiment</b>	:	2005-permanent.
7	<b>Season- month</b>	:	Flowering: March- April. Fruiting: May- August.
8	<b>Details of fruit yield</b>	:	During 2025-26, 25 kg of seeds were collected and sent to the Trichy Seed Centre.
9	<b>Current status</b>	:	Based on the growth parameters such as Height and girth, the average height was recorded as 3.55 m and the average girth as 26.55 cm, with a survival rate of 51 %.



### CPT-wise growth rate - *Chloroxylon swietenia*

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	Location												
1	44 /2005-06	Progeny trial cum Seedling Seed Orchard of <i>Chloroxylon swietenia</i> .	1	IW (R) Division and Salem in MFP (R) Division - Thuvankurichi, Pudukottai, Dindigul, Srivilliputhur, Chitheri, Bommedi, Harur.	80	38	3.43	0.181	26.2	8.344	0.44	3.49	0.18	27	8.599	0.45
			2		80	48	3.8	0.200	25.8	8.217	0.43	2.78	0.15	28	8.917	0.47
			3		80	38	3.898	0.205	26.7	8.503	0.45	3.84	0.20	25	7.962	0.42
			4		80	46	4.046	0.213	27.09	8.627	0.45	3.81	0.20	27	8.599	0.45
			5		80	39	3.0025	0.158	26.34	8.389	0.44	3.56	0.19	29	9.236	0.49
			6		80	41	3.3845	0.178	26.57	8.462	0.45	4.32	0.23	31	9.873	0.52
			7		80	45	3.1242	0.164	28.46	9.064	0.48	5.91	0.31	26	8.280	0.44
			8		80	32	2.552	0.134	25.32	8.064	0.42	3.83	0.20	27	8.599	0.45
			9		80	37	3.8467	0.202	25.78	8.210	0.43	3.32	0.17	25	7.962	0.42
			10		80	42	4.3554	0.229	26.9	8.567	0.45	4.37	0.23	24	7.643	0.40
			11		80	48	3.386	0.178	27.2	8.662	0.46	3.89	0.20	27	8.599	0.45
			12		80	37	3.006	0.158	25.89	8.245	0.43	3.65	0.19	28	8.917	0.47
			13		80	44	4.0023	0.211	26.86	8.554	0.45	4.23	0.22	29	9.236	0.49
			14		80	46	4.465	0.235	27.05	8.615	0.45	3.45	0.18	29	9.236	0.49
			15		80	39	3.023	0.159	26.12	8.318	0.44	3.85	0.20	28	8.917	0.47
Total / averages					1200	620	3.55	0.19	26.55	8.46	0.45	3.89	0.20	27.33	8.70	0.46