

EP.No. 57 /2006-07 - Establishment of Seedling Seed Orchard of *Terminalia chebula*.

1	IUCN Conservation Status	:	Least Concern.
2	Range / Location	:	Harur (R) Range Kathiripuram (R) Centre
3	Objectives	:	<ul style="list-style-type: none"> • For collecting quality seeds. • Assembling of various CPT's for getting quality seeds through cross pollination (hybrid vigour).
4	Area	:	2 ha.
5	Planted / Survival	:	800 / 490.
6	Period of experiment	:	2006-permanent.
7	Season- month	:	<p>Flowering-May-June. Fruiting-November-February.</p>
8	Details of fruit yield	:	During 2024-25, 34 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 5.22 m and the average girth as 30.06 cm, with a survival rate of 61 %.



CPT-wise growth rate - *Terminalia chebula*

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	57 /2006-07	Establishment Of Seedling Seed Orchard of <i>Terminalia chebula</i> .	1	Jamunamarathur, Thiruvannamalai	50	34	4.81	0.27	29.2	9.299	0.52	8.17	0.45	53	16.879	0.94
			2	Jamunamarathur, Thiruvannamalai	50	27	5.32	0.30	28.4	9.045	0.50	8.13	0.45	48	15.287	0.85
			3	Jamunamarathur, Thiruvannamalai	50	32	5.09	0.28	27.23	8.672	0.48	7.75	0.43	48	15.287	0.85
			4	Jamunamarathur, Thiruvannamalai	50	27	4.98	0.28	29.12	9.274	0.52	8.10	0.45	44	14.013	0.78
			5	Jamunamarathur, Thiruvannamalai	50	28	5.47	0.30	31.67	10.086	0.56	8.10	0.45	46	14.650	0.81
			6	Jamunamarathur, Thiruvannamalai	50	31	5.10	0.28	29.25	9.315	0.52	8.10	0.45	42	13.376	0.74
			7	Chitteri, Dharmapuri	50	24	5.27	0.29	31.5	10.032	0.56	8.05	0.45	47	14.968	0.83
			8	Chitteri, Dharmapuri	50	27	5.15	0.29	28	8.917	0.50	7.89	0.44	51	16.242	0.90
			9	Chitteri, Dharmapuri	50	33	5.42	0.30	32.4	10.318	0.57	8.02	0.45	46	14.650	0.81
			10	Chitteri, Dharmapuri	50	30	5.31	0.30	33.9	10.796	0.60	7.78	0.43	51	16.242	0.90
			11	Chitteri, Dharmapuri	50	32	5.24	0.29	28.43	9.054	0.50	8.19	0.46	53	16.879	0.94
			12	Kalrayan Hills, Salem	50	33	5.58	0.31	31.2	9.936	0.55	8.35	0.46	55	17.516	0.97
			13	Kalrayan Hills, Salem	50	30	5.06	0.28	28	8.917	0.50	8.05	0.45	55	17.516	0.97
			14	Kalrayan Hills, Salem	50	33	5.07	0.28	28.65	9.124	0.51	8.10	0.45	48	15.287	0.85
			15	Thattakarai, Erode	50	35	5.21	0.29	33.4	10.637	0.59	8.20	0.46	52	16.561	0.92
			16	Thamarakarai, Erode	50	34	5.48	0.30	30.56	9.732	0.54	8.25	0.46	50	15.924	0.88
Total / averages					800	490	5.22	0.29	30.06	9.57	0.53	8.08	0.45	49.31	15.70	0.87