

EP.No. 21 /2005-06 - Progeny trial cum SSO of *Terminalia chebula*.

1	IUCN Conservation Status	:	Least Concern
2	Range / Location	:	Chengam (R) Range Melchengam (R) Centre
3	Objectives	:	To raise SSO of <i>T. chebula</i> for collecting quality seeds.
4	Area	:	2 ha.
5	Planted / Survival	:	800 / 625.
6	Period of experiment	:	2005-permanent.
7	Season- month	:	Flowering-May-June. Fruiting-November-February.
8	Details of fruit yield	:	A total of 18 kg (2024–25) of seeds were collected and sent to the Trichy Seed Centre.
9	Current status	:	The average height is 5.43 m and the average girth as 36.50 cm. The trees are performing well with a survival rate of 78 %.



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	Name of clones	Location												
1	21/2005-06	Progeny trial cum SSO of <i>Terminalia chebula</i>	1	TC-1 Karumanthurai-1	Salem	78	52	3.782	0.199	35.1	11.178	0.588	6.5	0.342	59	18.790	0.989
			2	TC-2 Karumanthurai-2	Salem	42	26	3.263	0.172	26.7	8.503	0.448	6	0.316	39	12.420	0.654
			3	TC-3 Karumanthurai-3	Salem	30	12	3.654	0.192	24.3	7.739	0.407	6	0.316	36	11.465	0.603
			4	TC-14 Chitheri-1	Dharmapuri	100	72	5.898	0.310	37.1	11.815	0.622	9.85	0.518	71	22.611	1.190
			5	TC-15 Chitheri-2	Dharmapuri	100	80	6.474	0.341	40.2	12.803	0.674	10.3	0.542	64	20.382	1.073
			6	TC-16 Chitheri-3	Dharmapuri	150	120	6.827	0.359	43.3	13.790	0.726	10.3	0.542	69	21.975	1.157
			7	TC-17 Chitheri-4	Dharmapuri	100	83	6.592	0.347	41.4	13.185	0.694	10	0.545	81	25.796	1.358
			8	TC-18 Chitheri-5	Dharmapuri	200	180	6.952	0.366	44.2	14.076	0.741	11	0.589	74	23.567	1.240
Total / averages						800	625	5.43	0.29	36.50	11.64	0.61	8.8	0.46	61.63	19.63	1.03