

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 2358
TO BE ANSWERED ON 13.12.2021

Tree Plantation under Compensatory Afforestation

2358. SHRI G.M. SIDDESHWAR:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether more than 1.9 crore trees were cut to pave way for infrastructure development in different parts of the country and under compensatory afforestation about 12 crore trees were planted during the last five years;
- (b) the mechanism set up by the Government to monitor the health of trees planted under compensatory afforestation;
- (c) the survival rate of trees planted under compensatory afforestation;
- (d) whether the Government has any proposal to charge fee from the agencies which apply for cutting of trees to fund compensatory afforestation; and
- (e) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

- (a) In last five years (2016-17 to 2020-21) proposals involving 1,20,33,775 trees were accorded prior approval under the provisions of the Forest (Conservation) Act, 1980 and 20,81,04,094 seedlings were planted under Compensatory Afforestation.
- (b) & (c) Plantation under Compensatory Afforestation Management and Planning Authority (CAMPA) is maintained for a period of five to ten years depending on species to be planted, the edaphic factors and climatic conditions of the site. During this period State Forest Departments regularly monitor the plantation and carry out remedial measures. State-wise survival rate of trees planted under Compensatory Afforestation undertaken during the last five years is attached at **Annexure-I**
- (d) & (e) Whenever the Central Government accords prior approval for use of forest land for non-forestry purpose, the cost of the Compensatory Afforestation (CA) and the Net Present Value (NPV) of the land is realised from the User Agency as per norms. Moreover, additional mitigation measures such as Soil and Moisture Conservation works, Catchment Area Treatment Plan and Wildlife Management plan etc. are also stipulated on case-to-case basis.

Annexure-I

Annexure referred to the part (c) of the LSUQ No. 2358 regarding "Tree Plantation under Compensatory Afforestation" asked by SHRI G.M. SIDDESHWAR due for answer on 13.12.2021

Sr No.	Year	2016-2017			2017-2018			2018-2019			2019-2020			2020-2021			Total	
		State	Number of Seedling planted	Number of seedling Survived	Survival %	Number of Seedling planted	Number of seedling Survived	Survival %	Number of Seedling planted	Number of seedling Survived	Survival %	Number of Seedling planted	Number of seedling Survived	Survival %	Number of Seedling planted	Number of seedling Survived	Survival %	Total seedling Planted
1	Andaman & Nicobar Island	37928	35483	94	625	656	105	610	515	84	440	430	98	10538	8370	79.43	50141	45454
2	Andhra Pradesh	359491	273213	76	509586	407668	80	1996641	1717111	86	991562	872574	88	483362	435025	90.00	4340642	3705591
3	Arunachal Pradesh	1610125	1046581	65	2962146	2043881	69	986700	592020	60	461670	300085	65	0	0	0.00	6020641	3982567
4	Assam	1317832	764342	58	0	0	0	935280	561168	60	2201945	1651459	75	77800	66908	86.00	4532857	3043877
5	Bihar	164019	140236	85	588007	537607	91	2131996	1982770	93	502200	486205	97	2420607	2420607	100.00	5806829	5567425
6	Chandigarh	12000	10720	89	10000	9180	92	8820	7990	91	10500	9570	91	14000	13128	93.77	55320	50588
7	Chhattisgarh	2438132	1802052	74	824743	641029	78	4543403	3679221	81	1478293	1363340	92	3173636	3046856	96.01	12458207	10532498
8	Delhi	0	0	0	0	0	0	0	0	0	0	0	0	55343	M&E work is under Process	0.00	55343	0
9	Goa	0	0	0	0	0	0	25145	21373	85	73930	66537	90	200000	180000	90.00	299075	267910
10	Gujarat	1314313	920019	70	941017	677532	72	828806	596740	72	2135808	1815437	85	1133042	1019738	90.00	6352986	5029466
11	Haryana	1098485	548124	50	556932	467894	84	1122126	850922	76	293975	204530	70	1240000	M&E work is under Process	Nil	4311518	2071470
12	Himachal Pradesh	2267771	975142	43	2206270	1147260	52	1048212	639409	61	1114577	802495	72	1180232	967790	82.00	7817062	4532096
13	Jammu & Kashmir (UT)	730000	321200	44	1539000	754110	49	612000	312120	51	1094000	656400	60	1447000	868200	60.00	5422000	2912030
14	Jharkhand	4150945	3528303	85	5519569	4746829	86	3098707	2949969	95	4501353	4411326	98	527153	M&E work is under Process	Nil	17797727	15636427
15	Karnataka	1133840	623612	55	2296000	2066400	90	349856	192421	55	952576	603902	63	269792	Evaluation	Nil	5002064	348633

															yet to be done			5
16	Kerala	0	0	0	0	0	0	145320	116256	80	0	0	0	23400	18252	78.00	168720	134508
17	Madhya Pradesh	2280696	1736322	76	12104218	9770016	81	4896573	4068367	83	11471221	9382716	82	9439579	8732718	92.51	40192287	33690139
18	Maharashtra	2217595	1505082	68	1902186	1166420	61	1780614	1294862	73	3136905	2550304	81	652809	584068	89.47	9690109	7100736
19	Manipur	0	0	0	0	0	0	358240	250768	70	0	0	0	3542104	3152472	89.00	3900344	3403240
20	Meghalaya	0 (only maintenance works of 183.44 ha plantations)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	26 ha and maintenance works of 150 ha plantations)	Nil	Nil	0	0
21	Mizoram	962610	776249	81	0	0	0	386895	M&E work is under Process	0	0	0	0	1360150	M&E work is under Process	0.00	2709655	776249
22	Odisha	313300	207498	66	839816	571487	68	0	0	0	1864590	1342782	72	1951220	1598654	81.93	4968926	3720421
23	Punjab	1721040	1290780	75	1024799	840200	82	1183790	971550	82	1310980	1114333	85	311993	280793	90.00	5552602	4497656
24	Rajasthan	1612380	944855	59	3032172	2083102	69	1623877	1178935	73	1858859	1459204	78	1705578	1412219	82.80	9832866	7078315
25	Sikkim	0	0	0	374496	256522	68	139200	97536	70	188807	122645	65	116647	82321	70.57	819150	559024
26	Tamil Nadu	18015	16613	92	13060	11624	89	25820	23856	92	1266	1215	96	0	0	0.00	58161	53308
27	Telangana	537882	430305	80	546610	427288	78	2112380	1789904	85	4202701	3584160	85	4103050	3582440	87.31	11502623	9814097
28	Tripura	720839	485918	67	635769	399581	63	139519	86878	62	538099	413475	77	203086	152315	75.00	2237312	1538167
29	Uttar Pradesh	5319680	4202547	79	2649741	2225782	84	1500158	1290136	86	1024589	932376	91	1317700	1264991	96.00	11811868	9915832
30	Uttarakhand	4617600	1873822	41	5558736	2783259	50	4343664	3214311	74	5351000	4601860	86	3208008	3047608	95.00	23079008	15520860
31	West Bengal	75700	49962	66	169098	115306	68	503217	404552	80	244275	136794	56	265761	250503	94.26	1258051	957117
32	Ladakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0
	Total	37032218	24508980		46804596	34150633	-	36827569	28891660		47006121	38886154		40433590	33185976		208104094	159623403

* Remarks: In Karnataka evaluation of works taken up under CAMPA during 2020-21 is yet to be done.