

Volume Conversion Factor for Ballarshah Catchment of Chanda District

Forest Type:- Miscellaneous with Teak

Source:-Forest Survey of India, Deharadun-1976

1	2	3	4	5	6	7	8	9	10	11	11	12	13
Volume in cum. for Girthclass in cms											Sr. No	Division	Type of forest
Species	15-30	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	above 150			
Teak	0.053	0.053	0.129	0.254	0.429	0.647	0.929	1.38	2.157	2.157	Ballarshah Catchmer	Misc. /Teak	
Ain	0.043	0.043	0.107	0.214	0.356	0.496	0.77	1.279	2.075	2.075	Ballarshah Catchmer	Misc. /Teak	
Bija	0.043	0.043	0.107	0.214	0.356	0.496	0.77	1.279	2.075	2.075	Ballarshah Catchmer	Misc. /Teak	
Bahava	0.057	0.057	0.135	0.271	0.464	0.719	0.971	1.343	1.79	1.79	Ballarshah Catchmer	Misc. /Teak	
Tendu	0.034	0.034	0.099	0.203	0.363	0.566	0.9	1.431	2.529	2.529	Ballarshah Catchmer	Misc. /Teak	
Karra	0.035	0.035	0.089	0.17	0.272	0.369	0.472	0.57	0.7	0.7	Ballarshah Catchmer	Misc. /Teak	
Salai	0.047	0.047	0.103	0.219	0.356	0.554	0.761	1.121	1.841	1.841	Ballarshah Catchmer	Misc. /Teak	
Moha	0.069	0.069	0.151	0.268	0.449	0.662	0.98	1.532	2.788	2.788	Ballarshah Catchmer	Misc. /Teak	
Bibla	0.041	0.041	0.116	0.233	0.399	0.57	0.808	1.169	1.6	1.6	Ballarshah Catchmer	Misc. /Teak	
Mode	0.044	0.044	0.108	0.207	0.362	0.523	0.785	0.997	2	2	Ballarshah Catchmer	Misc. /Teak	
Surya	0.05	0.05	0.115	0.28	0.548	0.8	1.12	1.585	2.1	2.1	Ballarshah Catchmer	Misc. /Teak	
Lendia	0.041	0.041	0.108	0.223	0.395	0.596	0.817	1.182	1.745	1.745	Ballarshah Catchmer	Misc. /Teak	
Mokha	0.042	0.042	0.103	0.206	0.341	0.548	0.768	1.24	1.64	1.64	Ballarshah Catchmer	Misc. /Teak	
Khair	0.038	0.038	0.131	0.183	0.371	0.53	0.755	1.12	1.68	1.68	Ballarshah Catchmer	Misc. /Teak	
Others	0.046	0.046	0.114	0.225	0.390	0.577	0.829	1.231	1.909	1.909	Ballarshah Catchmer	Misc. /Teak	

STATEMENT -V

Estimated growing stock : Volume in cum. Per Ha.

Working Circle : Protection W.C.

Division :Sironcha

Population area (ha):

14152.120

Period of Enumeration : May 2013 to June 2014

Sample area (ha):

138.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.98

Group/ Species	Girth classwise classification in cms										Total
	Volume 15U30	Volume 31U45	Volume 46U60	Volume 61U75	Volume 76U90	Volume 91U105	Volume 106U120	Volume 121U135	Volume 136U150	Volume Above 150	
Group A :- Species of General Utility											
Ain	0.601	0.329	0.777	1.333	2.129	2.079	2.489	2.196	1.797	0.884	14.614
Bija	0.013	0.03	0.116	0.244	0.545	0.673	0.939	1.375	1.077	0.374	5.386
Lendia	0.625	0.412	0.675	0.898	1.035	1.131	0.666	0.35	0.051	0	5.843
Shisam	0.009	0.012	0.031	0.053	0.045	0.104	0.048	0.142	0.027	0	0.471
Teak	0.306	0.118	0.19	0.302	0.458	0.443	0.329	0.449	0.466	0.047	3.108
Tiwas	0	0	0	0.003	0.017	0	0	0	0	0	0.020
Total	1.554	0.901	1.789	2.833	4.229	4.430	4.471	4.512	3.418	1.305	29.442
Group B :- Species of Special Utility											
Dhawada	0.396	0.297	0.751	1.167	0	1.877	1.496	1.251	0.964	0.386	8.585
Haldu	0	0	0.009	0.023	0.037	0.071	0.095	0.063	0.055	0.013	0.366
Khair	0.713	0.42	0.878	0.593	0.525	0.352	0.229	0.161	0.024	0	3.895
Shiwan	0.005	0.006	0.012	0.018	0.028	0	0	0.009	0	0	0.078
Total	1.114	0.723	1.650	1.801	0.590	2.300	1.820	1.484	1.043	0.399	12.924
Group C :- Species of Minor Forest Produce											
Awala	0.015	0.014	0.035	0.083	0.065	0.058	0.06	0.036	0.013	0	0.379
Behada	0.004	0.013	0.04	0.083	0.138	0.229	0.197	0.329	0.412	0.069	1.514
Char	0.357	0.257	0.397	0.261	0.166	0.175	0.132	0.08	0.027	0	1.852
Hirda	0.005	0.013	0.04	0.07	0.124	0.117	0.084	0.071	0.042	0	0.566
Moha	0.126	0.138	0.404	0.725	1.043	1.141	1.174	1.526	1.347	0.644	8.268
Tendu	0.539	0.229	0.442	0.741	1.108	1.123	1.228	0.98	0.731	0.147	7.268
Total	1.046	0.664	1.358	1.963	2.644	2.843	2.875	3.022	2.572	0.860	19.847
Group D :- Other Species											
Garadi	0.845	0.525	0.941	0.972	0.94	0.425	0.138	0.017	0	0	4.803
Surya	0.283	0.281	0.58	1.247	1.898	1.547	0.857	0.64	0.137	0.015	7.485
Others	2.712	1.635	3.114	5.289	7.143	7.945	7.626	8.354	7.394	4.008	55.220
Total	3.840	2.441	4.635	7.508	9.981	9.917	8.621	9.011	7.531	4.023	67.508
Grand Total	7.554	4.729	9.432	14.105	17.444	19.490	17.787	18.029	14.564	6.587	129.721

STATEMENT-IA

Sample Growing Stock: No. of sound trees in sample area

Working Circle : Protection W.C.

Division :Sironcha

Population area (ha):

14152.120

Period of Enumeration : May 2013 to June 2014

Sample area (ha):

138.60

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.98

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above150	

Group A :- Species of General Utility

Ain	1937	1059	1007	863	829	581	448	238	120	59	7141
Bija	42	97	150	158	212	188	169	149	72	25	1262
Lendia	2114	1394	866	558	363	263	113	41	4	0	5716
Shisam	28	38	37	33	16	25	8	16	2	0	203
Teak	801	308	204	165	148	95	49	45	30	3	1848
Tiwas	0	0	0	2	6	0	0	0	0	0	8
Total	4922	2896	2264	1779	1574	1152	787	489	228	87	16178

Group B :- Species of Special Utility

Dhawada	1205	904	910	720	600	451	250	141	70	28	5279
Haldu	0	1	11	14	13	17	16	7	4	1	84
Khair	2602	1531	929	449	196	92	42	20	2	0	5863
Shiwan	14	19	14	11	10	0	0	1	0	0	69
Total	3821	2455	1864	1194	819	560	308	169	76	29	11295

Group C :- Species of Minor Forest Produce

Awala	47	44	43	51	23	14	10	4	1	0	237
Behada	13	41	48	51	49	55	33	37	30	5	362
Char	1087	783	481	161	59	42	22	9	2	0	2646
Hirda	16	41	49	43	44	28	14	8	3	0	246
Moha	253	277	371	375	322	239	166	138	67	32	2240
Tendu	2196	934	619	506	423	275	189	95	40	8	5285
Total C	3612	2120	1611	1187	920	653	434	291	143	45	11016

Group D :- Other Species

Garadi	2573	1600	1141	600	334	102	23	2	0	0	6375
Surya	785	779	699	617	480	268	106	56	9	1	3800
Others	8261	4982	3774	3263	2538	1909	1275	941	537	291	27771
Total D	11619	7361	5614	4480	3352	2279	1404	999	546	292	37946
Grand Total	23974	14832	11353	8640	6665	4644	2933	1948	993	453	76435

STATEMENT-I

Estimated Growing Stock: No. of sound trees in population area

Working Circle : Protection W.C.	Division :Sironcha	Population area (ha):	14152.120
Period of Enumeration : May 2013 to June 2014		Sample area (ha):	138.600
Working Plan by :- Shri R.B.Bhamre, I.F.S.		Intensity of sampling (%):	0.98

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above150	

Group A :- Species of General Utility

Ain	197783	108132	102823	88119	84648	59325	45744	24302	12253	6024	729153
Bija	4289	9904	15316	16133	21647	19196	17256	15214	7352	2553	128860
Lendia	215856	142339	88426	56976	37065	26854	11538	4186	408	0	583648
Shisam	2859	3880	3778	3370	1634	2553	817	1634	204	0	20729
Teak	81789	31449	20830	16848	15112	9700	5003	4595	3063	306	188695
Tiwas	0	0	0	204	613	0	0	0	0	0	817
Total	502576	295704	231173	181650	160719	117628	80358	49931	23280	8883	1651902

Group B :- Species of Special Utility

Dhawada	123040	92306	92918	73518	61265	46051	25527	14397	7148	2859	539029
Haldu	0	102	1123	1430	1327	1736	1634	715	408	102	8577
Khair	265685	156327	94858	45846	20013	9394	4289	2042	204	0	598658
Shiwan	1430	1940	1430	1123	1021	0	0	102	0	0	7046
Total	390155	250675	190329	121917	83626	57181	31450	17256	7760	2961	1153310

Group C :- Species of Minor Forest Produce

Awala	4799	4493	4391	5208	2348	1430	1021	408	102	0	24200
Behada	1327	4186	4901	5208	5003	5616	3370	3778	3063	511	36963
Char	110991	79951	49114	16439	6024	4289	2246	919	204	0	270177
Hirda	1634	4186	5003	4391	4493	2859	1430	817	306	0	25119
Moha	25833	28284	37882	38291	32879	24404	16950	14091	6841	3267	228722
Tendu	224229	95369	63205	51667	43192	28080	19298	9700	4084	817	539641
Total C	368813	216469	164496	121204	93939	66678	44315	29713	14600	4595	1124822

Group D :- Other Species

Garadi	262724	163373	116505	61265	34104	10415	2348	204	0	0	650938
Surya	80155	79542	71373	63001	49012	27365	10823	5718	919	102	388010
Others	843514	508702	385356	333178	259150	194924	130188	96084	54832	29713	2835641
Total	1186393	751617	573234	457444	342266	232704	143359	102006	55751	29815	3874589

Grand Total	2447937	1514465	1159232	882215	680550	474191	299482	198906	101391	46254	7804623
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STATEMENT-II

Estimated Growing Stock: No. of sound trees per hectare

Working Circle : Protection W.C.

Division :Sironcha

Population area (ha): 14152.120

Period of Enumeration : May 2013 to June 2014

Sample area (ha): 138.60

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 0.98

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above150	
Group A :- Species of General Utility											
Ain	13.976	7.641	7.266	6.227	5.981	4.192	3.232	1.717	0.866	0.426	51.524
Bija	0.303	0.700	1.082	1.140	1.530	1.356	1.219	1.075	0.519	0.180	9.104
Lendia	15.253	10.058	6.248	4.026	2.619	1.898	0.815	0.296	0.029	0.000	41.242
Shisam	0.202	0.274	0.267	0.238	0.115	0.180	0.058	0.115	0.014	0.000	1.463
Teak	5.779	2.222	1.472	1.190	1.068	0.685	0.354	0.325	0.216	0.022	13.333
Tiwas	0.000	0.000	0.000	0.014	0.043	0.000	0.000	0.000	0.000	0.000	0.057
Total	35.513	20.895	16.335	12.835	11.356	8.311	5.678	3.528	1.644	0.628	116.723
Group B :- Species of Special Utility											
Dhawada	8.694	6.522	6.566	5.195	4.329	3.254	1.804	1.017	0.505	0.202	38.088
Haldu	0.000	0.007	0.079	0.101	0.094	0.123	0.115	0.051	0.029	0.007	0.606
Khair	18.774	11.046	6.703	3.240	1.414	0.664	0.303	0.144	0.014	0.000	42.302
Shiwan	0.101	0.137	0.101	0.079	0.072	0.000	0.000	0.007	0.000	0.000	0.497
Total	27.569	17.712	13.449	8.615	5.909	4.041	2.222	1.219	0.548	0.209	81.493
Group C :- Species of Minor Forest Produce											
Awala	0.339	0.317	0.310	0.368	0.166	0.101	0.072	0.029	0.007	0.000	1.709
Behada	0.094	0.296	0.346	0.368	0.354	0.397	0.238	0.267	0.216	0.036	2.612
Char	7.843	5.649	3.470	1.162	0.426	0.303	0.159	0.065	0.014	0.000	19.091
Hirda	0.115	0.296	0.354	0.310	0.317	0.202	0.101	0.058	0.022	0.000	1.775
Moha	1.825	1.999	2.677	2.706	2.323	1.724	1.198	0.996	0.483	0.231	16.162
Tendu	15.844	6.739	4.466	3.651	3.052	1.984	1.364	0.685	0.289	0.058	38.132
Total C	26.060	15.296	11.623	8.565	6.638	4.711	3.132	2.100	1.031	0.325	79.481
Group D :- Other Species											
Garadi	18.564	11.544	8.232	4.329	2.410	0.736	0.166	0.014	0.000	0.000	45.995
Surya	5.664	5.621	5.043	4.452	3.463	1.934	0.765	0.404	0.065	0.007	27.418
Others	59.603	35.945	27.230	23.543	18.312	13.773	9.199	6.789	3.874	2.100	200.368
Total	83.831	53.11	40.505	32.324	24.185	16.443	10.13	7.207	3.939	2.107	273.781
Grand Total	172.973	107.013	81.912	62.339	48.088	33.506	21.162	14.054	7.162	3.269	551.478

STATEMENT-III

Percentage distribution of total stock of a species overall girth classes

Working Circle : Protection W.C.

Division :Sironcha

Population area (ha):

14152.120

Period of Enumeration : May 2013 to June 2014

Sample area (ha):

138.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.98

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above150	
Group A :- Species of General Utility											
Ain	27.125	14.830	14.102	12.086	11.608	8.136	6.273	3.332	1.681	0.827	100
Bija	3.328	7.689	11.885	12.522	16.806	14.895	13.390	11.808	5.701	1.977	100
Lendia	36.984	24.388	15.150	9.762	6.350	4.602	1.976	0.718	0.070	0.000	100
Shisam	13.807	18.729	18.250	16.268	7.861	12.303	3.964	7.861	0.957	0.000	100
Teak	43.344	16.665	11.040	8.925	8.010	5.138	2.655	2.438	1.620	0.165	100
Tiwas	0.000	0.000	0.000	24.561	75.439	0.000	0.000	0.000	0.000	0.000	100
Total	30.425	17.901	13.995	10.996	9.729	7.120	4.865	3.023	1.408	0.538	100
Group B :- Species of Special Utility											
Dhawada	22.826	17.124	17.239	13.639	11.366	8.543	4.736	2.670	1.326	0.530	100
Haldu	0.000	1.155	13.036	16.667	15.512	20.297	18.977	8.416	4.785	1.155	100
Khair	44.381	26.112	15.846	7.659	3.343	1.570	0.716	0.340	0.033	0.000	100
Shiwan	20.322	27.565	20.322	15.895	14.487	0.000	0.000	1.408	0.000	0.000	100
Total	33.830	21.734	16.503	10.571	7.251	4.959	2.727	1.496	0.672	0.256	100
Group C :- Species of Minor Forest Produce											
Awala	19.836	18.549	18.139	21.533	9.713	5.910	4.213	1.697	0.410	0.000	100
Behada	3.599	11.332	13.247	14.089	13.553	15.199	9.112	10.222	8.270	1.378	100
Char	41.082	29.590	18.176	6.087	2.231	1.587	0.833	0.340	0.073	0.000	100
Hirda	6.479	16.676	19.944	17.465	17.859	11.380	5.690	3.268	1.239	0.000	100
Moha	11.292	12.369	16.564	16.743	14.373	10.667	7.412	6.163	2.988	1.429	100
Tendu	41.550	17.673	11.712	9.575	8.004	5.203	3.577	1.796	0.758	0.152	100
Total C	32.788	19.245	14.624	10.776	8.352	5.927	3.941	2.642	1.297	0.409	100
Group D :- Other Species											
Garadi	40.361	25.098	17.898	9.412	5.240	1.600	0.361	0.030	0.000	0.000	100
Surya	20.658	20.501	18.393	16.238	12.630	7.054	2.790	1.473	0.237	0.026	100
Others	29.747	17.939	13.590	11.750	9.139	6.874	4.591	3.388	1.933	1.048	100
Total	30.620	19.399	14.795	11.807	8.834	6.006	3.700	2.632	1.439	0.770	100
Grand Total	31.365	19.405	14.853	11.304	8.720	6.076	3.837	2.548	1.299	0.593	100

STATEMENT -V

Estimated growing stock : Volume in cum. per Ha.

Working Circle : Teak Plantation W.C.

Division : Sironcha

Population area (ha):

10189.412

Period of Enumeration : May-2013 To June-2014

Sample area (ha):

39.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.39

Group/ Species	Girth classwise classification in cms										Total
	Volume 15U30	Volume 31U45	Volume 46U60	Volume 61U75	Volume 76U90	Volume 91U105	Volume 106U120	Volume 121U135	Volume 136U150	Volume Above 150	
Group A :- Species of General Utility											
Ain	0.483	0.173	0.438	0.767	1.672	1.866	2.82	2.971	3.04	0.89	15.120
Bija	0.021	0.034	0.089	0.178	0.315	0.463	0.408	0.646	0.996	0.052	3.202
Lendia	0.293	0.138	0.24	0.558	0.728	0.587	0.413	0.299	0.089	0.044	3.389
Shisam	0.002	0	0	0.034	0.059	0.029	0	0	0	0	0.124
Teak	0.257	0.347	0.844	1.661	2.459	1.83	1.618	1.046	0.707	0.11	10.879
Tiwas	0	0	0	0.006	0.01	0	0	0	0	0	0.016
Total	1.056	0.692	1.611	3.204	5.243	4.775	5.259	4.962	4.832	1.096	32.730
Group B :- Species of Special Utility											
Dhawada	0.118	0.136	0.416	0.891	1.34	1.5	1.36	1.025	1.349	0.386	8.521
Haldu	0	0	0.003	0.028	0.059	0.131	0.188	0.466	0.29	0.048	1.213
Khair	0.176	0.123	0.377	0.194	0.187	0.134	0.134	0	0	0	1.325
Shiwan	0	0.001	0.009	0.006	0.02	0.014	0	0	0	0	0.050
Total	0.294	0.260	0.805	1.119	1.606	1.779	1.682	1.491	1.639	0.434	11.109
Group C :- Species of Minor Forest Produce											
Awala	0	0.003	0.026	0.045	0.049	0.014	0.021	0	0.000	0	0.158
Behada	0.001	0.003	0.017	0.062	0.108	0.16	0.335	0.497	0.386	0	1.569
Char	0.16	0.098	0.217	0.216	0.177	0.014	0.021	0	0.000	0.048	0.951
Hirda	0	0	0.014	0.011	0.039	0.044	0.021	0.031	0.000	0	0.160
Moha	0.108	0.085	0.202	0.406	0.635	0.853	1.262	1.664	1.901	1.057	8.173
Tendu	0.331	0.133	0.175	0.318	0.495	0.915	1.046	1.085	1.406	0.766	6.670
Total	0.600	0.322	0.651	1.058	1.503	2.000	2.706	3.277	3.693	1.871	17.681
Group D :- Other Species											
Garadi	0.576	0.408	1.06	1.367	1.606	1.165	0.545	0.155	0	0	6.882
Surya	0.105	0.155	0.261	0.615	0.858	0.566	0.452	0.2	0.053	0.107	3.372
Others	0.608	0.434	1.144	2.173	3.94	4.705	4.773	5.811	6.459	1.302	31.349
Total	1.289	0.997	2.465	4.155	6.404	6.436	5.770	6.166	6.512	1.409	41.603
Grand Total	3.239	2.271	5.532	9.536	14.756	14.990	15.417	15.896	16.676	4.810	103.123

STATEMENT-IA

Sample Growing Stock: No. of sound trees in sample area

Working Circle : Teak Plantation W.C.

Division : Sironcha

Population area (ha): 10189.412

Period of Enumeration : May-2013 To June-2014

Sample area (ha): 39.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 0.39

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above 150	Total
Group A :- Species of General Utility											
Ain	445	159	162	142	186	149	145	92	58	17	1555
Bija	19	31	33	33	35	37	21	20	19	1	249
Lendia	283	133	88	99	73	39	20	10	2	1	748
Shisam	2	0	0	6	6	2	0	0	0	0	16
Teak	192	259	259	259	227	112	69	30	13	2	1422
Tiwas	0	0	0	1	1	0	0	0	0	0	2
Total	941	582	542	540	528	339	255	152	92	21	3992
Group B :- Species of Special Utility											
Dhawada	103	118	144	157	136	103	65	33	28	8	895
Haldu	0	0	1	5	6	9	9	15	6	1	52
Khair	183	128	114	42	20	10	7	0	0	0	504
Shiwan	0	1	3	1	2	1	0	0	0	0	8
Total	286	247	262	205	164	123	81	48	34	9	1459
Group C :- Species of Minor Forest Produce											
Awala	0	3	9	8	5	1	1	0	0	0	27
Behada	1	3	6	11	11	11	16	16	8	0	83
Char	139	85	75	38	18	1	1	0	0	1	358
Hirda	0	0	5	2	4	3	1	1	0	0	16
Moha	62	49	53	60	56	51	51	43	27	15	467
Tendu	385	155	70	62	54	64	46	30	22	12	900
Total	587	295	218	181	148	131	116	90	57	28	1851
Group D :- Other Species											
Garadi	501	355	367	241	163	80	26	5	0	0	1738
Surya	83	123	90	87	62	28	16	5	1	2	497
Others	529	378	396	383	400	323	228	187	134	27	2985
Total	1113	856	853	711	625	431	270	197	135	29	5220
Grand Total	2927	1980	1875	1637	1465	1024	722	487	318	87	12522

STATEMENT-I

Estimated Growing Stock: No. of sound trees in population area

Working Circle : Teak Plantation W.C.

Division : Sironcha

Population area (ha):

10189.412

Period of Enumeration : May-2013 To June-2014

Sample area (ha):

39.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.39

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above 150	Total
Group A :- Species of General Utility											
Ain	114502	40912	41684	36538	47859	38339	37310	23672	14924	4374	400114
Bija	4889	7977	8491	8491	9006	9520	5403	5146	4889	257	64069
Lendia	72818	34222	22643	25473	18783	10035	5146	2573	515	257	192465
Shisam	515	0	0	1544	1544	515	0	0	0	0	4118
Teak	49403	66643	66643	66643	58409	28818	17754	7719	3345	515	365892
Tiwas	0	0	0	257	257	0	0	0	0	0	514
Total	242127	149754	139461	138946	135858	87227	65613	39110	23673	5403	1027172
Group B :- Species of Special Utility											
Dhawada	26503	30362	37052	40397	34994	26503	16725	8491	7205	2058	230290
Haldu	0	0	257	1287	1544	2316	2316	3860	1544	257	13381
Khair	47087	32935	29333	10807	5146	2573	1801	0	0	0	129682
Shiwan	0	257	772	257	515	257	0	0	0	0	2058
Total	73590	63554	67414	52748	42199	31649	20842	12351	8749	2315	375411
Group C :- Species of Minor Forest Produce											
Awala	0	772	2316	2058	1287	257	257	0	0	0	6947
Behada	257	772	1544	2830	2830	2830	4117	4117	2058	0	21355
Char	35766	21871	19298	9778	4632	257	257	0	0	257	92116
Hirda	0	0	1287	515	1029	772	257	257	0	0	4117
Moha	15953	12608	13637	15438	14409	13123	13123	11064	6947	3860	120162
Tendu	99064	39883	18012	15953	13895	16468	11836	7719	5661	3088	231579
Total	151040	75906	56094	46572	38082	33707	29847	23157	14666	7205	476276
Group D :- Other Species											
Garadi	128911	91344	94432	62011	41941	20585	6690	1287	0	0	447201
Surya	21357	31649	23158	22386	15953	7205	4117	1287	257	515	127884
Others	136116	97262	101894	98549	102923	83110	58666	48117	34479	6947	768063
Total	286384	220255	219484	182946	160817	110900	69473	50691	34736	7462	1343148
Grand Total	753141	509469	482453	421212	376956	263483	185775	125309	81824	22385	3222007

STATEMENT-II

Estimated Growing Stock: No. of sound trees per hectare

Working Circle : Teak Plantation W.C.

Division : Sironcha

Population area (ha):

10189.412

Period of Enumeration : May-2013 To June-2014

Sample area (ha):

39.600

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.39

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	above 150	Total
Group A :- Species of General Utility											
Ain	11.237	4.015	4.091	3.586	4.697	3.763	3.662	2.323	1.465	0.429	39.268
Bija	0.480	0.783	0.833	0.833	0.884	0.934	0.530	0.505	0.480	0.025	6.287
Lendia	7.146	3.359	2.222	2.500	1.843	0.985	0.505	0.253	0.051	0.025	18.889
Shisam	0.051	0.000	0.000	0.152	0.152	0.051	0.000	0.000	0.000	0.000	0.406
Teak	4.848	6.540	6.540	6.540	5.732	2.828	1.742	0.758	0.328	0.051	35.907
Tiwas	0.000	0.000	0.000	0.025	0.025	0.000	0.000	0.000	0.000	0.000	0.050
Total	23.762	14.697	13.686	13.636	13.333	8.561	6.439	3.839	2.324	0.530	100.807
Group B :- Species of Special Utility											
Dhawada	2.601	2.980	3.636	3.965	3.434	2.601	1.641	0.833	0.707	0.202	22.600
Haldu	0.000	0.000	0.025	0.126	0.152	0.227	0.227	0.379	0.152	0.025	1.313
Khair	4.621	3.232	2.879	1.061	0.505	0.253	0.177	0.000	0.000	0.000	12.728
Shiwan	0.000	0.025	0.076	0.025	0.051	0.025	0.000	0.000	0.000	0.000	0.202
Total	7.222	6.237	6.616	5.177	4.142	3.106	2.045	1.212	0.859	0.227	36.843
Group C :- Species of Minor Forest Produce											
Awala	0.000	0.076	0.227	0.202	0.126	0.025	0.025	0.000	0.000	0.000	0.681
Behada	0.025	0.076	0.152	0.278	0.278	0.278	0.404	0.404	0.202	0.000	2.097
Char	3.510	2.146	1.894	0.960	0.455	0.025	0.025	0.000	0.000	0.025	9.040
Hirda	0.000	0.000	0.126	0.051	0.101	0.076	0.025	0.025	0.000	0.000	0.404
Moha	1.566	1.237	1.338	1.515	1.414	1.288	1.288	1.086	0.682	0.379	11.793
Tendu	9.722	3.914	1.768	1.566	1.364	1.616	1.162	0.758	0.556	0.303	22.729
Total	14.823	7.449	5.505	4.572	3.738	3.308	2.929	2.273	1.440	0.707	46.744
Group D :- Other Species											
Garadi	12.651	8.965	9.268	6.086	4.116	2.020	0.657	0.126	0.000	0.000	43.889
Surya	2.096	3.106	2.273	2.197	1.566	0.707	0.404	0.126	0.025	0.051	12.551
Others	13.359	9.545	10.000	9.672	10.101	8.157	5.758	4.722	3.384	0.682	75.380
Total	28.106	21.616	21.541	17.955	15.783	10.884	6.819	4.974	3.409	0.733	131.820
Grand Total	73.913	49.999	47.348	41.340	36.996	25.859	18.232	12.298	8.032	2.197	316.214

STATEMENT -V

Estimated growing stock: Volume in cum. per Ha.

Working Circle : Improvement W.C.

Division : Sironcha

Population area (ha):

56086.858

Period of Enumeration : May-2013 to June-2014

Sample area (ha):

550.080

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.98

Group/ Species	Girth classwise classification in cms										Total
	Volume 15U30	Volume 31U45	Volume 46U60	Volume 61U75	Volume 76U90	Volume 91U105	Volume 106U120	Volume 121U135	Volume 136U150	Volume Above 150	
Group A :- Species of General Utility											
Ain	0.376	0.189	0.335	0.602	1.015	1.08	1.323	1.632	1.836	0.834	9.222
Bija	0.012	0.018	0.058	0.125	0.246	0.31	0.445	0.628	0.554	0.166	2.562
Lendia	0.244	0.131	0.241	0.337	0.469	0.418	0.289	0.134	0.044	0.031	2.338
Shisam	0.002	0.004	0.011	0.013	0.018	0.009	0.009	0.009	0.008	0.004	0.087
Teak	0.169	0.087	0.191	0.363	0.608	0.653	0.663	0.522	0.446	0.311	4.013
Tiwas	0	0	0.001	0.003	0.002	0.002	0	0.002	0	0	0.010
Total	0.803	0.429	0.837	1.443	2.358	2.472	2.729	2.927	2.888	1.346	18.232
Group B :- Species of Special Utility											
Dhawada	0.154	0.101	0.259	0.453	0.862	0.958	0.933	0.962	0.847	0.221	5.750
Haldu	0.003	0.003	0.006	0.012	0.023	0.025	0.036	0.047	0.048	0.046	0.249
Khair	0.172	0.09	0.199	0.146	0.171	0.112	0.076	0.025	0.007	0	0.998
Shiwan	0	0.001	0.005	0.009	0.013	0.012	0.007	0.011	0.004	0.008	0.070
Total	0.329	0.195	0.469	0.620	1.069	1.107	1.052	1.045	0.906	0.275	7.067
Group C :- Species of Minor Forest Produce											
Awala	0.005	0.003	0.01	0.019	0.025	0.004	0.003	0	0	0	0.069
Behada	0.011	0.006	0.021	0.033	0.05	0.084	0.128	0.167	0.181	0.076	0.757
Char	0.195	0.096	0.141	0.135	0.14	0.052	0.026	0.006	0	0	0.791
Hirda	0.005	0.003	0.006	0.016	0.026	0.027	0.015	0.022	0.017	0.004	0.141
Moha	0.284	0.144	0.257	0.435	0.737	0.963	1.046	1.523	1.768	1.185	8.342
Tendu	0.464	0.154	0.225	0.312	0.494	0.624	0.743	0.853	0.905	0.314	5.088
Total	0.964	0.406	0.660	0.950	1.472	1.754	1.961	2.571	2.871	1.579	15.188
Group D :- Other Species											
Garadi	0.4	0.262	0.518	0.693	0.752	0.38	0.166	0.049	0.029	0.013	3.262
Surya	0.195	0.116	0.225	0.459	0.642	0.608	0.399	0.282	0.08	0.034	3.040
Others	1.233	0.619	1.163	1.739	2.768	3.125	3.228	3.901	4.018	1.765	23.559
Total	1.828	0.997	1.906	2.891	4.162	4.113	3.793	4.232	4.127	1.812	29.861
Grand Total	3.924	2.027	3.872	5.904	9.061	9.446	9.535	10.775	10.792	5.012	70.348

STATEMENT-IA

Sample Growing Stock: No. of sound trees in sample area

Working Circle : Improvement W.C.

Division : Sironcha

Population area (ha): 56086.858

Period of Enumeration : May-2013 to June-2014

Sample area (ha): 550.080

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 0.98

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total
Group A :- Species of General Utility											
Ain	4805	2418	1723	1548	1569	1198	945	702	487	221	15616
Bija	158	224	299	321	380	344	318	270	147	44	2505
Lendia	3275	1763	1228	831	653	386	195	62	14	10	8417
Shisam	19	49	53	33	25	9	6	4	2	1	201
Teak	1759	904	816	787	780	555	393	208	114	79	6395
Tiwas	1	3	4	8	2	2	0	1	0	0	21
Total	10017	5361	4123	3528	3409	2494	1857	1247	764	355	33155
Group B :- Species of Special Utility											
Dhawada	1863	1223	1246	1110	1216	913	619	430	244	64	8928
Haldu	38	38	28	29	32	24	24	21	14	13	261
Khair	2488	1307	835	438	253	116	55	12	2	0	5506
Shiwan	1	15	25	22	18	11	5	5	1	2	105
Total	4390	2583	2134	1599	1519	1064	703	468	261	79	14800
Group C :- Species of Minor Forest Produce											
Awala	65	42	48	47	35	4	2	0	0	0	243
Behada	127	69	100	81	70	80	85	75	52	22	761
Char	2356	1165	677	331	197	50	17	3	0	0	4796
Hirda	63	37	31	38	37	26	10	10	5	1	258
Moha	2265	1145	935	893	903	800	587	547	349	234	8658
Tendu	7506	2486	1248	846	748	606	454	328	197	68	14487
Total	12382	4944	3039	2236	1990	1566	1155	963	603	325	29203
Group D :- Other Species											
Garadi	4835	3168	2490	1697	1060	362	110	22	8	4	13756
Surya	2149	1276	1075	902	644	418	196	98	21	9	6788
Others	14905	7481	5596	4258	3903	2980	2142	1744	1158	509	44676
Total	21889	11925	9161	6857	5607	3760	2448	1864	1187	522	65220
Grand Total	48678	24813	18457	14220	12525	8884	6163	4542	2815	1281	142378

STATEMENT-I

Estimated Growing Stock: No. of sound trees in population area

Working Circle : Improvement W.C.

Division : Sironcha

Population area (ha): 56086.858

Period of Enumeration : May-2013 to June-2014

Sample area (ha): 550.080

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 0.98

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total

Group A :- Species of General Utility

Ain	489923	246542	175679	157836	159977	122149	96353	71577	49655	22533	1592224
Bija	16110	22839	30486	32729	38745	35075	32424	27529	14988	4486	255411
Lendia	333922	179757	125208	84730	66581	39357	19882	6322	1427	1020	858206
Shisam	1937	4996	5404	3365	2549	918	612	408	204	102	20495
Teak	179349	92173	83200	80243	79530	56588	40071	21208	11624	8055	652041
Tiwas	102	306	408	816	204	204	0	102	0	0	2142
Total	1021343	546613	420385	359719	347586	254291	189342	127146	77898	36196	3380519

Group B :- Species of Special Utility

Dhawada	189953	124698	127043	113177	123985	93090	63114	43843	24878	6526	910307
Haldu	3875	3875	2855	2957	3263	2447	2447	2141	1427	1325	26612
Khair	253679	133263	85137	44659	25796	11827	5608	1224	204	0	561397
Shiwan	102	1529	2549	2243	1835	1122	510	510	102	204	10706
Total	447609	263365	217584	163036	154879	108486	71679	47718	26611	8055	1509022

Group C :- Species of Minor Forest Produce

Awala	6627	4282	4894	4792	3569	408	204	0	0	0	24776
Behada	12949	7035	10196	8259	7137	8157	8667	7647	5302	2243	77592
Char	240220	118785	69028	33749	20086	5098	1733	306	0	0	489005
Hirda	6424	3773	3161	3875	3773	2651	1020	1020	510	102	26309
Moha	230942	116745	95334	91051	92071	81569	59851	55773	35584	23859	882779
Tendu	765319	253475	127247	86259	76267	61788	46290	33443	20086	6933	1477107
Total	1262481	504095	309860	227985	202903	159671	117765	98189	61482	33137	2977568

Group D :- Other Species

Garadi	492981	323012	253883	173028	108079	36910	11216	2243	816	408	1402576
Surya	219114	130102	109608	91969	65663	42620	19984	9992	2141	918	692111
Others	1519729	762770	570574	434150	397954	303844	218400	177820	118071	51898	4555210
Total	2231824	1215884	934065	699147	571696	383374	249600	190055	121028	53224	6649897
Grand Total	4963257	2529957	1881894	1449887	1277064	905822	628386	463108	287019	130612	14517006

STATEMENT-II

Estimated Growing Stock: No. of sound trees per hectare

Working Circle : Improvement W.C.

Division : Sironcha

Population area (ha): 56086.858

Period of Enumeration : May-2013 to June-2014

Sample area (ha): 550.080

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 0.98

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	

Group A :- Species of General Utility

Ain	8.735	4.396	3.132	2.814	2.852	2.178	1.718	1.276	0.885	0.402	28.388
Bija	0.287	0.407	0.544	0.584	0.691	0.625	0.578	0.491	0.267	0.08	4.554
Lendia	5.954	3.205	2.232	1.511	1.187	0.702	0.354	0.113	0.025	0.018	15.301
Shisam	0.035	0.089	0.096	0.06	0.045	0.016	0.011	0.007	0.004	0.002	0.365
Teak	3.198	1.643	1.483	1.431	1.418	1.009	0.714	0.378	0.207	0.144	11.625
Tiwas	0.002	0.005	0.007	0.015	0.004	0.004	0	0.002	0	0	0.039
Total	18.211	9.745	7.494	6.415	6.197	4.534	3.375	2.267	1.388	0.646	60.272

Group B :- Species of Special Utility

Dhawada	3.387	2.223	2.265	2.018	2.211	1.660	1.125	0.782	0.444	0.116	16.231
Haldu	0.069	0.069	0.051	0.053	0.058	0.044	0.044	0.038	0.025	0.024	0.475
Khair	4.523	2.376	1.518	0.796	0.460	0.211	0.100	0.022	0.004	0.000	10.010
Shiwan	0.002	0.027	0.045	0.040	0.033	0.020	0.009	0.009	0.002	0.004	0.191
Total	7.981	4.695	3.879	2.907	2.762	1.935	1.278	0.851	0.475	0.144	26.907

Group C :- Species of Minor Forest Produce

Awala	0.118	0.076	0.087	0.085	0.064	0.007	0.004	0.000	0.000	0.000	0.441
Behada	0.231	0.125	0.182	0.147	0.127	0.145	0.155	0.136	0.095	0.040	1.383
Char	4.283	2.118	1.231	0.602	0.358	0.091	0.031	0.005	0.000	0.000	8.719
Hirda	0.115	0.067	0.056	0.069	0.067	0.047	0.018	0.018	0.009	0.002	0.468
Moha	4.118	2.082	1.700	1.623	1.642	1.454	1.067	0.994	0.634	0.425	15.739
Tendu	13.645	4.519	2.269	1.538	1.360	1.102	0.825	0.596	0.358	0.124	26.336
Total	22.510	8.987	5.525	4.064	3.618	2.846	2.100	1.749	1.096	0.591	53.086

Group D :- Other Species

Garadi	8.790	5.759	4.527	3.085	1.927	0.658	0.200	0.040	0.015	0.007	25.008
Surya	3.907	2.320	1.954	1.640	1.171	0.760	0.356	0.178	0.038	0.016	12.340
Others	27.096	13.600	10.173	7.741	7.095	5.417	3.894	3.170	2.105	0.925	81.216
Total	39.793	21.679	16.654	12.466	10.193	6.835	4.450	3.389	2.158	0.948	118.565
Grand Total	88.495	45.106	33.552	25.852	22.770	16.150	11.203	8.256	5.117	2.329	258.830

STATEMENT-III

Percentage distribution of total stock of a species overall girth classes

Working Circle : Improvement W.C.

Division : Sironcha

Population area (ha):

56086.858

Period of Enumeration : May-2013 to June-2014

Sample area (ha):

550.080

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

0.98

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total
Group A :- Species of General Utility											
Ain	30.77	15.485	11.033	9.913	10.046	7.672	6.052	4.495	3.118	1.416	100
Bija	6.302	8.937	11.946	12.824	15.173	13.724	12.692	10.782	5.863	1.757	100
Lendia	38.912	20.946	14.587	9.875	7.758	4.588	2.314	0.739	0.163	0.118	100
Shisam	9.589	24.384	26.301	16.438	12.329	4.384	3.014	1.918	1.096	0.548	100
Teak	27.51	14.133	12.757	12.31	12.198	8.68	6.142	3.252	1.781	1.239	100
Tiwas	5.128	12.821	17.949	38.462	10.256	10.256	0	5.128	0	0	100
Total	30.215	16.168	12.434	10.643	10.282	7.523	5.600	3.761	2.303	1.072	100
Group B :- Species of Special Utility											
Dhawada	20.867	13.696	13.955	12.433	13.622	10.227	6.931	4.818	2.736	0.715	100
Haldu	14.526	14.526	10.737	11.158	12.211	9.263	9.263	8.000	5.263	5.053	100
Khair	45.185	23.736	15.165	7.952	4.595	2.108	0.999	0.220	0.040	0.000	100
Shiwan	1.047	14.136	23.560	20.942	17.277	10.471	4.712	4.712	1.047	2.094	100
Total	29.661	17.449	14.416	10.804	10.265	7.191	4.750	3.163	1.765	0.535	100
Group C :- Species of Minor Forest Produce											
Awala	26.757	17.234	19.728	19.274	14.512	1.587	0.907	0.000	0.000	0.000	100
Behada	16.703	9.038	13.160	10.629	9.183	10.484	11.208	9.834	6.869	2.892	100
Char	49.123	24.292	14.119	6.904	4.106	1.044	0.356	0.057	0.000	0.000	100
Hirda	24.573	14.316	11.966	14.744	14.316	10.043	3.846	3.846	1.923	0.427	100
Moha	26.164	13.228	10.801	10.312	10.433	9.238	6.779	6.316	4.028	2.700	100
Tendu	51.811	17.159	8.616	5.840	5.164	4.184	3.133	2.263	1.359	0.471	100
Total	42.403	16.929	10.408	7.656	6.815	5.361	3.956	3.295	2.065	1.113	100
Group D :- Other Species											
Garadi	35.149	23.029	18.102	12.336	7.706	2.631	0.800	0.160	0.060	0.028	100
Surya	31.661	18.801	15.835	13.290	9.489	6.159	2.885	1.442	0.308	0.130	100
Others	33.363	16.745	12.526	9.531	8.736	6.670	4.795	3.903	2.592	1.139	100
Total	33.562	18.284	14.046	10.514	8.597	5.765	3.753	2.858	1.820	0.800	100
Grand Total	34.190	17.427	12.963	9.988	8.797	6.240	4.328	3.190	1.977	0.900	100

STATEMENT -V

Estimated growing stock: Volume in cum. per Ha.

Working Circle : Selection Cum Improvement W.C.	Division : Sironcha	Population area (ha):	132070.021
Period of Enumeration : May-2013 to June-14		Sample area (ha):	1459.800
Working Plan by :- Shri R.B.Bhamre, I.F.S.		Intensity of sampling (%):	1.11

Group/ Species	Girth classwise classification in cms										Total
	Volume 15U30	Volume 31U45	Volume 46U60	Volume 61U75	Volume 76U90	Volume 91U105	Volume 106U120	Volume 121U135	Volume 136U150	Volume Above 150	

Group A :- Species of General Utility

Ain	0.463	0.244	0.569	1.056	1.567	1.749	2.004	2.358	2.363	1.015	13.388
Bija	0.019	0.03	0.1	0.229	0.436	0.634	0.785	1.123	1.208	0.589	5.153
Lendia	0.377	0.189	0.375	0.528	0.687	0.606	0.441	0.223	0.061	0.009	3.496
Shisam	0.003	0.005	0.015	0.026	0.026	0.032	0.022	0.028	0.034	0.01	0.201
Teak	0.312	0.194	0.441	0.74	1.193	1.413	1.389	1.442	1.499	1.119	9.742
Tiwas	0.001	0.002	0.003	0.005	0.004	0.006	0.002	0.004	0.002	0.002	0.031
Total	1.175	0.664	1.503	2.584	3.913	4.440	4.643	5.178	5.167	2.744	32.011

Group B :- Species of Special Utility

Dhawada	0.224	0.175	0.519	0.983	1.496	1.615	1.32	1.319	1.132	0.284	9.067
Haldu	0.002	0.003	0.009	0.02	0.035	0.059	0.089	0.137	0.132	0.067	0.553
Khair	0.293	0.151	0.321	0.213	0.175	0.088	0.073	0.035	0.002	0	1.351
Shiwan	0.003	0.001	0.005	0.012	0.021	0.013	0.007	0.025	0.019	0.002	0.108
Total	0.522	0.330	0.854	1.228	1.727	1.775	1.489	1.516	1.285	0.353	11.079

Group C :- Species of Minor Forest Produce

Awala	0.011	0.016	0.036	0.049	0.051	0.025	0.015	0.012	0.01	0.004	0.229
Behada	0.007	0.005	0.021	0.046	0.079	0.123	0.129	0.16	0.168	0.034	0.772
Char	0.264	0.157	0.231	0.179	0.154	0.059	0.017	0.01	0.008	0.002	1.081
Hirda	0.005	0.004	0.02	0.042	0.052	0.04	0.035	0.031	0.019	0.01	0.258
Moha	0.164	0.127	0.336	0.572	0.893	1.023	1.163	1.391	1.533	0.769	7.971
Tendu	0.507	0.16	0.25	0.353	0.571	0.789	0.884	0.823	0.91	0.384	5.631
Total	0.958	0.469	0.894	1.241	1.800	2.059	2.243	2.427	2.648	1.203	15.942

Group D :- Other Species

Garadi	0.828	0.505	0.994	1.226	1.125	0.65	0.291	0.092	0.036	0.038	5.785
Surya	0.234	0.171	0.39	0.75	1.14	0.882	0.584	0.414	0.229	0.113	4.907
Others	1.318	0.726	1.481	2.489	3.881	4.513	4.525	4.916	4.619	1.964	30.432
Total	2.380	1.402	2.865	4.465	6.146	6.045	5.400	5.422	4.884	2.115	41.124

Grand Total	5.035	2.865	6.116	9.518	13.586	14.319	13.775	14.543	13.984	6.415	100.156
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STATEMENT-IA

Sample Growing Stock: No. of sound trees in sample area

Working Circle : Selection Cum Improvement W.C.

Division : Sironcha

Population area (ha): 132070.021

Period of Enumeration : May-2013 to June-14

Sample area (ha): 1459.800

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 1.11

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total
Group A :- Species of General Utility											
Ain	15722	8298	7759	7201	6427	5147	3798	2692	1662	714	59420
Bija	633	1012	1370	1561	1787	1867	1488	1281	850	415	12264
Lendia	13422	6715	5072	3457	2537	1483	789	276	51	7	33809
Shisam	81	165	194	170	96	80	40	34	27	7	894
Teak	8605	5350	4985	4251	4059	3188	2183	1526	1014	757	35918
Tiwas	24	48	37	32	15	14	3	5	1	2	181
Total	38487	21588	19417	16672	14921	11779	8301	5814	3605	1902	142486
Group B :- Species of Special Utility											
Dhawada	7183	5601	6622	6388	5600	4088	2324	1565	866	218	40455
Haldu	78	80	116	132	133	150	156	162	101	51	1159
Khair	11247	5800	3574	1701	689	242	141	45	1	0	23440
Shiwan	96	46	66	78	77	32	13	29	14	2	453
Total	18604	11527	10378	8299	6499	4512	2634	1801	982	271	65507
Group C :- Species of Minor Forest Produce											
Awala	365	502	459	320	190	64	27	15	7	3	1952
Behada	226	161	268	296	297	313	227	190	128	26	2132
Char	8455	5041	2950	1165	575	151	31	12	6	1	18387
Hirda	149	134	249	271	194	102	61	36	14	7	1217
Moha	3464	2681	3243	3116	2903	2256	1733	1325	803	403	21927
Tendu	21753	6880	3689	2538	2298	2035	1433	840	526	222	42214
Total	34412	15399	10858	7706	6457	4921	3512	2418	1484	662	87829
Group D :- Other Species											
Garari	26551	16205	12688	7967	4211	1644	513	109	28	29	69945
Surya	6825	4987	4951	3911	3036	1610	761	381	159	79	26700
Others	42285	23280	18903	16174	14524	11420	7967	5832	3533	1502	145420
Total	75661	44472	36542	28052	21771	14674	9241	6322	3720	1610	242065
Grand Total	167164	92986	77195	60729	49648	35886	23688	16355	9791	4445	537887

STATEMENT-I**Estimated Growing Stock: No. of sound trees in population area**

Working Circle : Selection Cum Improvement W.C.

Division : Sironcha

Population area (ha): 132070.021

Period of Enumeration : May-2013 to June-14

Sample area (ha): 1459.800

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 1.11

Group/ Species	Girth classwise classification in cms										Total
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	
Group A :- Species of General Utility											
Ain	1422385	750728	701964	651482	581457	465654	343609	243548	150363	64596	5375786
Bija	57268	91557	123945	141225	161672	168909	134621	115893	76900	37545	1109535
Lendia	1214302	607513	458869	312758	229525	134168	71382	24970	4614	633	3058734
Shisam	7328	14928	17551	15380	8685	7238	3619	3076	2443	633	80881
Teak	778503	484020	450998	384592	367222	288422	197498	138059	91738	68487	3249539
Tiwas	2171	4343	3347	2895	1357	1267	271	452	90	181	16374
Total	3481957	1953089	1756674	1508332	1349918	1065658	751000	525998	326148	172075	12890849
Group B :- Species of Special Utility											
Dhawada	649853	506728	599099	577929	506638	369845	210255	141587	78348	19723	3660005
Haldu	7057	7238	10495	11942	12033	13571	14113	14656	9138	4614	104857
Khair	1017527	524732	323343	153891	62335	21894	12756	4071	90	0	2120639
Shiwan	8685	4162	5971	7057	6966	2895	1176	2624	1267	181	40984
Total	1683122	1042860	938908	750819	587972	408205	238300	162938	88843	24518	5926485
Group C :- Species of Minor Forest Produce											
Awala	33022	45416	41526	28951	17189	5790	2443	1357	633	271	176598
Behada	20446	14566	24246	26779	26870	28317	20537	17189	11580	2352	192882
Char	764932	456064	266889	105399	52021	13661	2805	1086	543	90	1663490
Hirda	13480	12123	22527	24518	17551	9228	5519	3257	1267	633	110103
Moha	313392	242553	293397	281908	262637	204103	156786	119874	72648	36460	1983758
Tendu	1968016	622440	333748	229615	207902	184108	129645	75996	47588	20085	3819143
Total	3113288	1393162	982333	697170	584170	445207	317735	218759	134259	59891	7945974
Group D :- Other Species											
Garari	2402096	1466083	1147896	720782	380973	148734	46412	9861	2533	2624	6327994
Surya	617465	451179	447922	353832	274670	145658	68848	34469	14385	7147	2415575
Others	3825566	2106165	1710173	1463278	1314001	1033179	720782	527627	319634	135887	13156292
Total	6845127	4023427	3305991	2537892	1969644	1327571	836042	571957	336552	145658	21899861
Grand Total	15123494	8412538	6983906	5494213	4491704	3246641	2143077	1479652	885802	402142	48663169

STATEMENT-II

Estimated Growing Stock: No. of sound trees per hectare

Working Circle : Selection Cum Improvement W.C.

Division : Sironcha

Population area (ha): 132070.021

Period of Enumeration : May-2013 to June-14

Sample area (ha): 1459.800

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%): 1.11

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total
Group A :- Species of General Utility											
Ain	10.77	5.684	5.315	4.933	4.403	3.526	2.602	1.844	1.139	0.489	40.705
Bija	0.434	0.693	0.938	1.069	1.224	1.279	1.019	0.878	0.582	0.284	8.4
Lendia	9.194	4.6	3.474	2.368	1.738	1.016	0.54	0.189	0.035	0.005	23.159
Shisam	0.055	0.113	0.133	0.116	0.066	0.055	0.027	0.023	0.018	0.005	0.611
Teak	5.895	3.665	3.415	2.912	2.781	2.184	1.495	1.045	0.695	0.519	24.606
Tiwas	0.016	0.033	0.025	0.022	0.01	0.01	0.002	0.003	0.001	0.001	0.123
Total	26.364	14.788	13.3	11.42	10.222	8.07	5.685	3.982	2.47	1.303	97.604
Group B :- Species of Special Utility											
Dhawada	4.921	3.837	4.536	4.376	3.836	2.800	1.592	1.072	0.593	0.149	27.712
Haldu	0.053	0.055	0.079	0.090	0.091	0.103	0.107	0.111	0.069	0.035	0.793
Khair	7.704	3.973	2.448	1.165	0.472	0.166	0.097	0.031	0.001	0.000	16.057
Shiwan	0.066	0.032	0.045	0.053	0.053	0.022	0.009	0.020	0.010	0.001	0.311
Total	12.744	7.897	7.108	5.684	4.452	3.091	1.805	1.234	0.673	0.185	44.873
Group C :- Species of Minor Forest Produce											
Awala	0.250	0.344	0.314	0.219	0.130	0.044	0.018	0.010	0.005	0.002	1.336
Behada	0.155	0.110	0.184	0.203	0.203	0.214	0.156	0.130	0.088	0.018	1.461
Char	5.792	3.453	2.021	0.798	0.394	0.103	0.021	0.008	0.004	0.001	12.595
Hirda	0.102	0.092	0.171	0.186	0.133	0.070	0.042	0.025	0.010	0.005	0.836
Moha	2.373	1.837	2.222	2.135	1.989	1.545	1.187	0.908	0.550	0.276	15.022
Tendu	14.901	4.713	2.527	1.739	1.574	1.394	0.982	0.575	0.360	0.152	28.917
Total	23.573	10.549	7.439	5.280	4.423	3.370	2.406	1.656	1.017	0.454	60.167
Group D :- Other Species											
Garari	18.188	11.101	8.692	5.458	2.885	1.126	0.351	0.075	0.019	0.020	47.915
Surya	4.675	3.416	3.392	2.679	2.080	1.103	0.521	0.261	0.109	0.054	18.290
Others	28.966	15.947	12.949	11.080	9.949	7.823	5.458	3.995	2.420	1.029	99.616
Total	51.829	30.464	25.033	19.217	14.914	10.052	6.330	4.331	2.548	1.103	165.821
Grand Total	114.51	63.698	52.880	41.601	34.011	24.583	16.226	11.203	6.708	3.045	368.465

STATEMENT-III

Percentage distribution of total stock of a species overall girth classes

Working Circle : Selection Cum Improvement W.C.

Division : Sironcha

Population area (ha):

132070.021

Period of Enumeration : May-2013 to June-14

Sample area (ha):

1459.800

Working Plan by :- Shri R.B.Bhamre, I.F.S.

Intensity of sampling (%):

1.11

Group/ Species	Girth classwise classification in cms										
	15U30	31U45	46U60	61U75	76U90	91U105	106U120	121U135	136U150	Above 150	Total
Group A :- Species of General Utility											
Ain	26.459	13.964	13.057	12.119	10.817	8.662	6.392	4.53	2.798	1.201	100
Bija	5.167	8.25	11.167	12.726	14.571	15.226	12.131	10.452	6.929	3.381	100
Lendia	39.699	19.863	15.001	10.225	7.505	4.387	2.332	0.816	0.151	0.022	100
Shisam	9.002	18.494	21.768	18.985	10.802	9.002	4.419	3.764	2.946	0.818	100
Teak	23.958	14.895	13.879	11.835	11.302	8.876	6.076	4.247	2.825	2.109	100
Tiwas	13.008	26.829	20.325	17.886	8.13	8.13	1.626	2.439	0.813	0.813	100
Total	27.011	15.151	13.626	11.700	10.473	8.268	5.825	4.080	2.531	1.335	100
Group B :- Species of Special Utility											
Dhawada	17.758	13.846	16.368	15.791	13.842	10.104	5.745	3.868	2.140	0.538	100
Haldu	6.683	6.936	9.962	11.349	11.475	12.989	13.493	13.997	8.701	4.414	100
Khair	47.979	24.743	15.246	7.255	2.940	1.034	0.604	0.193	0.006	0.000	100
Shiwan	21.222	10.289	14.469	17.042	17.042	7.074	2.894	6.431	3.215	0.322	100
Total	28.400	17.599	15.840	12.667	9.921	6.888	4.022	2.750	1.500	0.412	100
Group C :- Species of Minor Forest Produce											
Awala	18.713	25.749	23.503	16.392	9.731	3.293	1.347	0.749	0.374	0.150	100
Behada	10.609	7.529	12.594	13.895	13.895	14.648	10.678	8.898	6.023	1.232	100
Char	45.987	27.416	16.046	6.336	3.128	0.818	0.167	0.064	0.032	0.008	100
Hirda	12.201	11.005	20.455	22.249	15.909	8.373	5.024	2.990	1.196	0.598	100
Moha	15.797	12.229	14.792	14.212	13.241	10.285	7.902	6.044	3.661	1.837	100
Tendu	51.530	16.298	8.739	6.014	5.443	4.821	3.396	1.988	1.245	0.526	100
Total	39.179	17.533	12.364	8.776	7.351	5.601	3.999	2.752	1.690	0.755	100
Group D :- Other Species											
Garari	37.959	23.168	18.140	11.391	6.021	2.350	0.733	0.157	0.040	0.042	100
Surya	25.560	18.677	18.546	14.647	11.372	6.031	2.849	1.427	0.596	0.295	100
Others	29.078	16.008	12.999	11.123	9.987	7.853	5.479	4.010	2.429	1.033	100
Total	31.256	18.372	15.096	11.589	8.994	6.062	3.817	2.612	1.537	0.665	100
Grand Total	31.078	17.287	14.351	11.290	9.230	6.672	4.404	3.040	1.821	0.826	100

