

| Appendix 2.62 | | | |
|----------------------------|---|-----------------|-----------------|
| Types of Forests in Kerala | | | |
| Sl. No. | Forest Type | Area (Sq.km.) | % of Total area |
| 1 | Tropical Wet Evergreen & Semi Evergreen | 3877.44 | 34.28 |
| 2 | Tropical Moist Deciduous Forests | 3615.98 | 31.97 |
| 3 | Tropical Dry Deciduous Forests | 391.36 | 3.46 |
| 4 | Mountain Sub Tropical Temperate shoals | 386.42 | 3.42 |
| 5 | Plantation | 1523.1 | 13.47 |
| 6 | Grass land | 501.09 | 4.43 |
| 7 | Others | 1014.08 | 8.97 |
| | Total | 11309.48 | 100 |

Source: FSI 2014

| Appendix 2.63 | | | | | | |
|---|---------------------------|-------------------|------------------|------------------|------------------|-----------------|
| Species-wise Area Under Forest Plantation (in ha)(As on 31-03-2014) | | | | | | |
| Sl. No. | Name of Species | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| (1) | Hard Wood | | | | | |
| 1 | Teak | 77483.917 | 76720.241 | 76902.107 | 77258.904 | 74836.97 |
| 2 | Rosewood | 44.545 | 39.545 | 59.545 | 94.545 | 95.51 |
| 3 | Mahagani | 103.74 | 103.74 | 143.700 | 184.33 | 259.476 |
| 4 | Sandalwood | 100.840 | 100.98 | 100.980 | 68.84 | 68.84 |
| 5 | Mangium | 3583.454 | 4271.673 | 4172.253 | 4186.943 | 4257.007 |
| 6 | Others | 8196.1 | 7213.634 | 7093.134 | 1377.767 | 7345.175 |
| | Sub Total | 89512.596 | 88449.813 | 88471.719 | 83171.329 | 86862.98 |
| (2) | SOFT WOOD | | | | | |
| 1 | Eucalyptus | 7358.527 | 7120.073 | 7662.013 | 7518.436 | 7279.926 |
| 2 | Green villa Robusta | 418.568 | 418.568 | 564.928 | 550.728 | 603.128 |
| 3 | Pine | 547.576 | 547.576 | 547.576 | 547.576 | 547.576 |
| 4 | Albizzia | 150.570 | 150.570 | 150.370 | 150.57 | 150.57 |
| 5 | Rubber | 86.470 | 86.470 | 86.470 | 86.47 | 86.47 |
| 6 | Balsa | 56.200 | 41.200 | 41.200 | 61.84 | 45.34 |
| 7 | Wattle | 4370.930 | 2194.910 | 2148.130 | 2122.13 | 2122.13 |
| 8 | Matti | 546.500 | 510.620 | 526.220 | 502.91 | 493.91 |
| 9 | Elavu | 889.730 | 781.930 | 889.730 | 600.98 | 600.98 |
| | Sub total | 14425.0710 | 11851.917 | 12616.637 | 12141.64 | 11930.03 |
| (3) | BAMBOO & REEDS | | | | | |
| 1 | Bamboo | 4874.107 | 5209.357 | 5352.677 | 5563.843 | 5351.874 |
| 2 | Reeds | 211.12 | 227.790 | 374.032 | 395.192 | 374.032 |
| 3 | Cane | 3080.746 | 3047.246 | 3646.076 | 3469.576 | 2520.933 |
| | Sub Total | 8165.973 | 8484.393 | 9372.785 | 9428.611 | 8246.839 |
| (4) | PLANTATION CROPS | | | | | |
| 1 | Pepper | 172.540 | 142.540 | 222.540 | 222.54 | 192.54 |

| | | | | | | |
|-----|--------------------------|-------------------|-------------------|-------------------|------------------|-----------------|
| 2 | Cinnamon | 3.740 | 3.740 | 3.740 | 3.74 | 0 |
| 3 | Medicinal Plants | 2446.143 | 2345.083 | 2385.373 | | 1992.453 |
| | Sub Total | 2622.423 | 2491.363 | 2611.653 | 226.28 | 2184.993 |
| (5) | MIXED PLANTATIONS | | | | | |
| 1 | Cashew | 3481.312 | 4799.953 | 4646.953 | 4593.868 | 4742.614 |
| 2 | Agavu | 47.000 | 47.000 | 47.000 | 71.64 | 71.64 |
| 3 | Alnus | 74.350 | 74.350 | 74.350 | 74.35 | 74.35 |
| 4 | Accacia | 7310.494 | 6099.396 | 5494.347 | 5433.646 | 6132.138 |
| 5 | Sesbania | 21.070 | 21.070 | 21.630 | 21.07 | 21.07 |
| 6 | Casurina | 112.630 | 112.630 | 112.630 | 198.87 | 198.87 |
| 7 | Teak and Soft Wood | 15089.518 | 15244.370 | 13769.699 | 15033.398 | 12263.28 |
| 8 | Fruit Bearing | 233.015 | 326.566 | 233.015 | 142.313 | 121.29 |
| 9 | Mangroves | 317.289 | 343.289 | 366.289 | 366.289 | 377.189 |
| 10 | Others | 7790.124 | 10945.554 | 18046.837 | 21405.696 | 19492.09 |
| | Sub Total | 34476.802 | 38014.178 | 42812.750 | 47341.14 | 43494.53 |
| | GRAND TOTAL | 149202.865 | 149291.664 | 155885.544 | 152309.00 | 152719.4 |

Source : Forest Department

| Appendix 2.64 | | | | | | | | | |
|--|------------------------|------|------------|----------|----------|----------|----------|----------|----------|
| Production of Major Forest Produce (2007-08 to 2013-14) | | | | | | | | | |
| Sl. No. | Item | Unit | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Timber (round logs) | Cum | 48627.829 | 50300.79 | 49818.65 | 21059.41 | 17283.23 | 44822.46 | 32054.97 |
| 2 | Timber (round poles) | No. | 382896.000 | 294589 | 204807 | 153092 | 124907 | 78513 | 117222 |
| 3 | Timber (Swan & Squard) | Cum | 17.909 | 299.07 | 345.28 | 507.518 | 85.3 | 25.1 | 6.893 |
| 4 | Fire wood | MT. | 13066.800 | 9217.50 | 5414.93 | 11362.31 | 4113.75 | 11439.78 | 22066.02 |
| 5 | Cardamom | Kg. | 38.000 | 678.68 | 678.68 | 2551 | 615.60 | 0 | 7.00 |
| 6 | Honey | Kg. | 239118.500 | 79081.00 | 79268.90 | 41802 | 48352.30 | 61687 | 61687 |
| 7 | Reeds | No. | 14352181 | 19575186 | 17448021 | 6327965 | 9391208 | 2423696 | 7140257 |
| 8 | Bamboo | No. | 1551168 | 1897907 | 681490 | 396175 | 465861 | 874294 | 2752594 |
| 9 | Jungle Wood Poles | No. | 2044 | 21450 | 9012 | 5412 | 16381 | 13324 | 5545 |
| 10 | Eucaliptus | Mt. | 17009.010 | 10430.80 | 13631.96 | 898.19 | 3722.88 | 17944.66 | 16560.73 |
| 11 | Sandal wood | Kg. | 17537.100 | 30808.63 | 50755.90 | 24033.83 | 52104.08 | 58269.07 | 62587.64 |

Source: Forest Department

| Appendix 2.65 | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Revenue from Timber and Other Forest Products 2010-11 to 2013-14 (₹ In lakh) | | | | | |
| Items | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
| TIMBER | | | | | |
| Firewood and Charcoal | 22537.467 | 18119.401 | 20225.558 | 26829.613 | 26943.95 |
| Live Stock | 187.824 | 58.166 | 61.451 | 107.563 | 94.136 |
| Other Items | 8.429 | 10.314 | 16.194 | 18.433 | 30.641 |
| Total (A) | 2448.977 | 2360.428 | 1709.805 | 2614.965 | 1882.759 |
| Timber | 25182.697 | 20548.309 | 22013.008 | 29570.574 | 28951.49 |