

cal texture. Some of this soil is very similar in texture to the celebrated Sea Island cotton soil from from Edisto Island, S. C., as I have verified by actual analysis which soil was famous for its production of first-class Sea Island cotton, and with proper manuring produced fine crops of this valuable staple.

Near Annapolis the soil is of a light red ferruginous sand and clay; owing to its color and other physical qualities, it is both an early and a late soil pre-eminently fitted for the production of flowers of the richest hue and fruits of the highest degree of excellence.

*Third*—The white oak soils which we find to some extent are on the shores of the Severn district and in much greater quantity near West river and Herring bay on the Cheapeake, in that portion known as the swamp, which only needs the manuring and cultivation heretofore suggested, to become one of the most fertile and valuable section of the county.

*Fourth*—"The West and South river lands," extending from above the head of South and the summit level between it and the Patuxent, through the middle of the county to the Calvert line and joining the white oak lands in the lower part of the county next to the bay. These comprise a very large proportion of the soil in the middle and lower sections of the county and are first among the first-class of production and valuable soils.

The land on the railroad between Washington and Baltimore sells at a rate much above its simple agricultural value, and is sought after for country seats, villas, &c. As the cities contiguous to it grow, as they will very soon with great rapidity, it requires but little foresight to see the security of investments in these lands.

The whole county is traversed by pure running streams of fine soft water, on many of which are excellent mill sites. On the Patuxent river, also there is much unappropriated water power. There is generally a sufficiency of wood and timber for all domestic purposes, and much good brick clay for building.

There is no limestone in this county, the shell marls are not rich enough in fertilizing ingredients to pay for their application, and where the green sand marls exist, the soil is so impregnated with its chief constituents that it would not act well as a manure, because the soil does not require what it can furnish.

The physical texture of all the soils is good, and the worst amongst them can be improved at highly remunerative rates.

The timber, forest trees, fruits, flowers and medicinal plants are those which are common to the whole of the tide water section of Maryland. From the peculiar advantages