PLANT AND ANIMAL PRODUCTS DEPARTMENT.

papain in Burma for export in competition with the supplies available from Ceylon, etc. References were also given to publications dealing with papain.

Peach and apricot kernels. (High Commissioner for South Africa, London). Information regarding the source of supply and mode of utilisation of peach and apricot kernels shipped to the United Kingdom, and the prices realised; together with similar particulars regarding almond oil and its substitutes. Required in connection with the possible shipment of these products from South Africa.

Chicle gum. (Federation of British Industries, London). Information as to the botanical source, utilisation, and chief countries of production of "chicle gum"; quantities shipped to the United States in 1924; and names of firms from whom supplies might be obtained.

Fruit preservation and pulping. (High Commissioner for South Africa, London). In connection with a proposal for the co-operative preparation and marketing of fruit products in South Africa, information was furnished on the methods and processes employed in the drying of fruit, the preparation of fruit pulp, juices and syrups, and the canning and bottling of fruit and fruit products. In each case particulars were also furnished of the machinery required for the purpose, and the names of firms manufacturing such plant were supplied together with descriptions and quotations specially obtained by the Institute. References were also given to publications dealing with fruit preservation.

Citrus pectin. (Assistant Government Chemist, Leeward Islands). The quality of pectin required by jam manufacturers in the United Kingdom and the suitability for this market of citrus pectin from Dominica; with suggestions regarding the preparation of samples of pectin in the Island for submission to possible purchasers.

Locusts. The occurrence of locusts in various countries, and references to publications dealing with these insects and the methods of combating them. Required in connection with a project for collecting locusts in large quantities for use as a commercial source of oil.

Oil palm machinery. Information regarding the machinery required for extracting palm oil and palm kernels for the market, and the area of oil palms likely to be required to keep the machines at full output; the methods of packing employed for the oil and kernels; and a source of supply of seed for planting. Required in connection with a proposal to cultivate oil palms in St. Lucia.