

COCONUT RESEARCH SCHEME.



Leaflet No. 9.

LOCALLY AVAILABLE MATERIALS OF MANURIAL VALUE.

1. From time to time enquiries have been received concerning the manurial value of various locally available materials, and a number of analyses has been carried out on such samples as have been sent with these enquiries. The present leaflet collects together the information so accumulated. The leaflet is not however confined to the writer's work, but also includes information obtained from other sources such as the studies of the Chemist of the Department of Agriculture.

War-time increases in the prices of imported fertilizers and the possibility of shortage of some of them, render it necessary to utilize to the full such waste and other materials as may be available locally.

This leaflet endeavours to indicate in each case the average composition of the various materials with respect to manurial constituents, and based on this the rates of application for coconut palms. Where possible particulars are also given of the source of each material, the quantities likely to be available and the probable cost.

The substances referred to are roughly classified as follows:—

- (a) Potash Manures.
- (b) Oil cakes and similar materials.
- (c) Bulky organic manures, mostly nitrogenous.
- (d) Phosphatic manures.

2. Potash Manures.

Experiments have shown potash to be a primary