An account is given of a sample survey of citrus in Trinidad.

The objects of the survey were to determine the incidence and severity of melanose disease on grapefruit produced for export.

The frame used was a complete list of export citrus producers provided by the Trinidad Cooperative Citrus Growers Association. Dr. W. G. Allen, Manager, Trinidad C.C.G.A., and Mr. F. H. Allen, Plant Pathologist, Centeno, also assisted in the organisation of the survey team.

The theory of sampling and the factors contributing to the choice of the citrus survey sample are discussed.

The preliminary organisation and field operations necessary to obtain the sample are described.

The results, illustrating the total numbers of grapefruit trees, their yield, and the incidence and severity of Melanose, together with their percentage standard errors, were estimated and are discussed subject to the limitations of the survey.