

ABSTRACT

Ten large pot trials, using Dwarf Cavendish banana plants as indicator plants, were carried out between 1965 and 1967 to start a systematic appraisal of soil fertility in Tropical Bolivia, as part of the programme of the initial assessment of land use potential of the Central Piedmont and Santa Cruz regions.

One of the major objectives of the trials was to obtain information to help with the interpretation of soil analytical data. Leaf analytical data led to the development of a quick pot test.

A considerable amount of information on possible soil deficiencies in the Santa Cruz district was obtained from the trials. This information, apart from its immediate value, will prove of use in planning future fertilizer experimental work in the region.

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