

Grantees

- (i) Mrs. M. Senanayake
- (ii) Dr. P. de A. Gurusinghe

Title of the Project

An investigation to detect the correlations between organoleptic characteristics and chemical constituents of cinnamon.

Summary

Cinnamon germplasm from all major growing districts were collected and analysed for four qualitative parameters and nine qualitative chemical parameters. No evidence was found to support the popular belief that the Negambo Cinnamon was more pungent than that of Down-South. In several instances, Southern Cinnamon showed more pungency as well as high Cinnamic derivatives in the volatile oil. In an attempt to detect the relationship of Bark Appearance, Petiole pungency, Wet bark and Dry Bark pungencies with nine chemical parameters, no consistent pattern was observed. Some evidence for location effects were present. Possible reasons for these conflicting evidence are discussed along with the next stage investigations needed.