

A B S T R A C T

Studies on Seed-borne Fungi of
Tomato (*Lycopersicon esculentum* mill.) and
Hot Pepper (*Capsicum frutescens* L.)

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Studies were undertaken to determine the seed-borne fungi of tomato and hot pepper seeds obtained from the Chaguaramas Agricultural Development Project (CADP), and their effect on the germination and emergence of these seeds. The effects of various seed treatments on the microflora, germination and emergence of these seeds were also determined.

Several tests were carried out including the agar test, the blotter and the growing-on test. The results of these tests indicated that the seeds were contaminated by several saprophytic fungi. Pathogenicity tests carried out suggested that one fungus, a *Fusarium*, was a pathogen.