

THE EFFECT OF USING *TRICHODERMA VIRIDE* STRAINS ON THE GROWTH OF GREEN GRAM AND TOMATO PLANTS

VANITHA N M

Department of Microbiology, St. Joseph's College, Bangalore: 560027

ABSTRACT

Nutrient supplements have been provided to plants to enhance growth. The use of chemical based formulations has been used for the same. However the continuous use of such chemicals have also resulted in residues, impairing growth of crop plants and also causing the the death of beneficial microbes. This led to the identification of potential biocontrol agents like *Trichoderma* which can act in protecting crops from invading pathogen populations. Hence an attempt was carried out to supplement a formulation of *Trichoderma* to treat green gram and tomato plants. The treatment of green gram and tomato plants with formulated *Trichoderma* spores helped the promotion of growth in the respective plants.

KEYWORDS: *Trichoderma*, Biopesticide, Green Gram, Tomato Plants