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QUALITATIVE AND QUANTITATIVE CHANGES IN PROTEIN IN TOMATO INOCULATED WITH ROOT-KNOT NEMATODE *MELOIDOGYNE INCOGNITA*

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Abstract

Qualitative and quantitative changes of soluble protein in root and shoot of tomato cv. Pusa Gaurav infested with*Meloidogyne incognita* was determined two months after treatment with chemicals viz., Phenamiphos, Triazophos and Carbosulfan used as bare-root dip or as soil drench. Protein metabolism was considerably affected. There was a larger number of polypetides in non-treated inoculated plant samples than chemically treated plant samples. However, a visual observation of the gel surface revealed a larger number of protein bands in case of inoculated non-treated control than any other treatment.