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EFFECT OF GREEN MANURING WITH CERTAIN LEGUMES ON THE CONTROL OF PLANT PARASITIC NEMATODES

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Abstract

Green foliage of *Phaseolus vulgaris* L., *Trifolium alexandrinum* L., and *Melilotus indica* Desr., were chopped in 5kg naturally nematode infested soil at the rate of 1kg/5kg of soil and population of plant parasitic nematodes were determined after 0, 5, 10, 20, 30, 45 and 60 days after incorporation. The population of all the plant parasitic nematodes decreased with the increase in the duration of decomposition period. The efficacy of different plants in reducing nematode population varied. Highest percentage of reduction was observed in *P. vulgaris* (98.16), followed by *M. indica* (97.36) and *T. alexandrinum* (96.33) after 60 days of incorporation.