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ROOT DIP TREATMENT WITH *PSEUDOMONAS AERUGINOSA* AND *TRICHODERMA* SPP., IN THE CONTROL OF ROOT ROT-ROOT KNOT DISEASE COMPLEX IN CHILLI (*CAPSICUM ANNUM* L.)

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Abstract

Root dip treatment with *Pseudomonas aeruginosa* with or without *Trichoderma harzianum, T. koningii*and *T. hamatum* significantly ($p<0.05$) controlled infection of roots by *Fusarium solani, Rhizoctonia solani* and the root knot nematode *Meloidogyne javanica* on chilli. Combined use of *T. harzianum* with *P. aeruginosa* caused the greatest reduction in gall formation by *M. javanica.* Infection of *M. phaseoline* and *R. solani* was comparatively greater in *M. javanica* infested soil than in non-infested soil whereas *F. solani*infection was greater in non-infested soil. *P. aerugionsa* mixed with *Trichoderma* spp., also significantly increased plant growth.