

Combined effect of *Pasteuria penetrans* and neem extract on the development of root-knot nematode in medicinal plants

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Abstract

Medicinally important plant babchi (*Psoralea corylifolia* L.) is highly susceptible to root-knot nematode (*Meloidogyne incognita*) infection. Study was conducted to access the potential of *Pasteuria penetrans* and neem extract alone and in combination on *Meloidogyne incognita*. All treatments significantly reduced the nematode infection as compared to control. Infection was least when *P. penetrans* and neem extract applied in combination. It gave maximum increase in shoot weight, shoot length and reduction in the root weight. Minimum number of juveniles per root system was observed in case of combined application of *P. penetrans* and neem extract.