

**EFFECT OF OILCAKES, *BRADYRHIZOBIUM* SP., *PAECILOMYCES LILACINUS* AND FURADAN ON ROOT NODULATION AND ROOT-KNOT NEMATODE IN MUNGBEAN**

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**Abstract**

In a greenhouse experiment, complete control of root-knot infection in mungbean was observed in plants grown in 3% cotton cake mixed with *Bradyrhizobium* sp. Use of *Bradyrhizobium* sp., *P. lilacinus* or furadan with cotton or neem cake were found more effective as compared to their separate use. Oil cakes showed inhibitory effect on root nodulation, while *P. lilacinus* stimulated nodule formation by *Bradyrhizobium* sp. Maximum fresh shoot weight was recorded in 3% cotton cake mixed with *P. lilacinus* followed by 3% cotton cake with *Bradyrhizobium* sp. and *Bradyrhizobium* sp., alone. Of the oil cakes, mustard cake showed inhibitory effect on seed germination.