

**COMPARATIVE EFFICACY OF NEEM CAKE AND OTHER
ORGANIC AMENDMENTS IN THE CONTROL OF
ROOT-KNOT NEMATODE IN MUNGBEAN**

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Abstract

Soil amendment with neem cake, cotton cake, *Datura fastuosa* and *Calotropis procera* @ 0.1, 0.5 and 1% w/w reduced infection of *Meloidogyne incognita* root-knot nematode on mungbean with no significant differences at different at different dosages. *Bradyrhizobium* sp., the root nodule bacterium also effectively reduced gall formation. *Calotropis* @ 1% showed greater reduction in root-knot index. Mustard cake at low dosages @ 0.1 & 0.5% w/w) effectively reduced the gall formation but was phytotoxic @ 1%. Organic amendments although significantly increased plant height but reduced root nodulation.