

UTILIZATION OF FALLEN LEAVES AS SOIL AMENDMENTS FOR THE CONTROL OF PLANT-PARASITIC NEMATODES

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Abstract

Dead fallen leaves of bakain (*Melia azedarach* L.), castor (*Ricinus communis* L.) and neem (*Azadirachta indica* A. Juss.) significantly suppressed the development of root-knot caused by *Meloidogyne incognita* (Kofoid & White) Chitwood and populations of other plant-parasitic nematodes. Leaves of neem were found more effective than castor and bakain. Root-knot development and nematode population densities decreased, and growth responses of tomato and chilli increased with increasing doses of additives.