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CONTROL OF ROOT-KNOT NEMATODE (*MELOIDOGYNE JAVANICA*) BY ORGANIC SOIL AMENDMENTS

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Abstract

In a pot experiment, organic amendments used @6.25 g/kg soil helped the egg-plants to attain maximum height, number of leaves, fresh and dry weight of shoot and reduced number of galls/egg-mass. Fewer eggs per egg-mass were recorded where Datura leaves were applied @25 g/kg soil. Candle-bra leaves, saw dust and Ak leaves each applied @ 25 g/kg soil significantly reduced the number of galls, egg-masses and eggs per egg-mass. Datura leaves @ 15 g/kg soil gave maximum plant height, number of leaves, fresh and dry weight of shoot while combination of amendments @ 3.75 g/kg soil significantly reduced the number of galls, egg masses and eggs per egg mass compared with uninoculated control.