

**EFFECT OF SOIL AMENDMENTS WITH SOME
HARDWOOD BARKS ON REPRODUCTION
OF *ROTYLENCHULUS RENIFORMIS* AND
GROWTH OF SUNFLOWER**

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Abstract

Soil amendment with hardwood barks (HWB) of *Acacia arabica* (AA), *Ficus sycomorus* (FS), *Morus alba* (MA) and *Zizphus spina-christi* (ZS) @ 0.5, 1.0 and 1.5% w/w significantly ($P \leq 0.01$) reduced population of *Rotylenchulus reniformis* in soil with significant results @ 1.5% w/w. Most of the treatments provided improvement in growth sunflower cv. Giza 1.