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EFFECT OF BROWN SEAWEEDS (*STOECHOSPERMUM MARGINATUM* AND *SARGASSUM TENERRIMUM*) AND RHIZOBIA IN CONTROL OF ROOT-KNOT DISEASE AND GROWTH OF MUNGBEAN

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Abstract

Amendment of soil with brown seaweeds viz., *Stoechospermum marginatum* and *Sargassum tenerrimum* @ 1.0% w/w with or with out rhizobia, significantly ($P < 0.05$) reduced root knot nematode infection caused by *Meloidogyne javanica* on mungbean. *Rhizobium meliloti* was more effective than*Bradyhizobium* sp., in reducing root-knot infection. Seaweeds @ 0.5% significantly increased plant height of mungbean when used with rhizobia.