

RESEARCH PAPER

# Efficacy of newer molecules of insecticides against white grub in sugarcane

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A field experiment comprised of seven insecticides was conducted at farmers field in endemic area of pest in Kolhapur district particularly area nearby riverbank during 2009-2010. The application of newer insecticides was done by drenching and the granules were applied along with dry soil. Soil drenching of imidacloprid 40 per cent + fipronil 40 per cent - 80 WG @ 300 g ha<sup>-1</sup> was found to be most effective treatment for control of white grub followed by clothianidin 50 WDG @ 250 g ha<sup>-1</sup>, flubendiamide 480 SC @ 400 ml ha<sup>-1</sup> and rynaxypyr 0.4 per cent G @ 125 g ha<sup>-1</sup>.

**Key words :** Imidacloprid, Clothianidin, Flubendiamide, Rynaxypyr, Sugarcane

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