

Effect of some newer insecticides against okra aphids, *Aphis gossypii*

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ABSTRACT

The field experiment was carried out to evaluate the effect of newer insecticide molecules against sucking pest complex of okra. Thiamethoxam @ 25 g a.i./ha recorded 1.38 overall average survival of aphid population on plant and was significantly superior over all other treatments. Fipronil @ 50 g a.i./ha was found to be at par with thiamethoxam @ 25 g a.i./ha and recorded 1.68 overall average survival aphids/3leaves/plant. The next best treatment, buprofezin @ 156 g a.i./ha, recorded 2.44 overall average survival aphids/ 3leaves /plant. Spinosad @ 50 g a.i./ha and imidacloprid @ 25 g a.i./ha were at par with buprofezin @ 156 g a.i./ha and recorded 2.74 and 2.81 overall average survival aphids/ 3leaves /plant, respectively. Abamectin @ 100 g a.i./ha was found to be less effective recording 4.10 average survival aphids/ 3leaves /plant.

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