# Evaluation of Newer Insecticides Against Sucking Pests in Blackgram

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**ABSTRACT**

A field experiment was conducted to evaluate the efficacy of newer insecticides against sucking pests in blackgram during rabi 2011-12 at RARS, Lam, Guntur, Andhra Pradesh. Among the different insecticides tested as foliar sprays, spiromesifen 240 SC 0.096% was most effective against whiteflies followed by buprofezin 10 EC @ 0.01% and acetamiprid 20 SP 0.004% in blackgram. While, Spinosad 45 SC @ 0.0135% was found promising followed by fipronil 5 SC @ 0.005% against thrips. Among the neonicotinoids, thiacloprid 21.7 SC 0.027 % was found effective against both thrips and whiteflies. The seed yield and B:C ratio were highest from experimental plots treated with spiromesifen 240 SC 0.096% (1188 kg/ha) followed by buprofezin 10 EC @ 0.01% (1146 kg/ha) and spinosad 45 SC @ 0.0135% (1104 kg/ha).

**Key words :** Blackgram, Foliar application, Insecticides, Thrips, Whiteflies.