

RESEARCH ARTICLE

Efficacy of various insecticides against foliage feeding wheat aphids

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ABSTRACT

The investigation was conducted during *Rabi* 2008-11. Seven insecticides were evaluated for the control of foliage feeding wheat aphids (*Rhopalosiphum padi*). Imidacloprid 0.04 per cent was found significantly effective against wheat aphids at 1, 2 and 7 days after spray and it was followed by thiamethoxam 0.0025 per cent and acetamiprid 0.01 per cent. Imidacloprid 0.04 per cent registered significantly highest yield of 52.60 q/ha which was at par with thiamethoxam 0.0025 per cent (52.19) and acetamiprid 0.01 per cent (50.42 q/ha). The plot without insecticidal spray recorded lowest yield of 38.36 q/ha. The highest monetary return (Rs. 75,038/-), net income (Rs. 50,259/-) and benefit cost ratio (3.02) were observed in treatment with imidacloprid 0.04 per cent.

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