

EVALUATION OF SIDE DRESSING APPLICATION OF GRANULAR INSECTICIDES  
AGAINST GREEN PEACH APHID, MYZUS PERSICAE ON TOBACCO

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ABSTRACT

Thimet 10G, Disyston 10G, Temik 10G, Hosdan 4G and Furadan 3G were applied @ 12, 12, 12, 17, and 17 killogram per hectare respectively, for their effectiveness against tobacco aphid yzus persicae (Sulzer). All were significantly effective in reducing the infestation for a longer time, however, Disyston resulted an increase in yield but low yield was observed in plots treated with Furadan.

INTRODUCTION

The green peach aphid yzus persicae(Sulz.) is one of the most important insect pests of tobacco. Besides producing chlorosis and leaf deformity by suckin the plant juice from the leaf, deposits honey-dew on the leaf surface which provides an excellent medium for fungal growth, that results in the inferior produce [2]. It also transmits tobacco mosaic virus, a serious disease of this crop [8].

Aldicarb G [3,5,6,7,9,10,11] Phorate G [3,4,6], Disyston [5],Furadan [9] were applied just before sowing planting of potato, tobacco and bean for the control of the green peach aphid Myzus persicae (Sulzer).

The experiment was carried out at Tobacco Research Substation, Pakistan Tobacco Board, Kunjah (Gujrat) to find out the effectiveness of side dressed granular application against tobacco aphid Myzus persicae (Sulzer).