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INSECTICIDAL TRIAL AGAINST COTTON JASSID AMRASCA DEVASTANS (DIST.)

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ABSTRACT

An experiment was conducted during the year 1982 in Cotton Section (A.R.I.) Tandojam to see the effect of different insecticides on cotton jassid, Amrasca devastans (Dist.). A standard variety of cotton TH-1100 sown in the fourth week of May. Five insecticides namely, Rogor (Dimethoat, 40 EC), Thiodan (Endosulfan, 35 EC), Celathion (Chlorthiphos, 50 EC), viz. (0.625 cc/ha) (50 cc/ha), (0.75 gm/ha), (1.50 cc/ha), (1.25 cc/ha), were tested against cotton jassid, Amrasca devastans (Dist.) Endosulfan gave the best results.

INTRODUCTION

Cotton Jassid, Amrasca devastans (Dist.) (Hemiptera, cicadellidae) is widely distributed in Indo-Pakistan subcontinent and is a serious pest of cotton causing upto 35 percent reduction in yield [1].

The use of insecticides in the quick and effective measure to control the insect pests, and have effected an increase in the seed cotton yield from 300 to 500 kg and 1000 kg per hectare of irrigated and rainfed area respectively.