

**Poster**

**JEWEL BEETLE (*SPHENOPTERA INDICA*); A NEW PEST OF GROUNDNUT  
IN THE NORTHERN PROVINCE OF SRI LANKA**

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**ABSTRACT**

Groundnut (*Arachis hypogaea* L) cultivations in the Mullaithivu district found to be damaged by an unrecorded Jewel Beetle (tentatively identified as *Sphenoptera indica* Gory & Laporte, 1839 (Coleoptera: Buprestidae), requiring urgent attention for its control. A field test conducted in Mullative found that Emamactin Benzoate 5% SG (250 g/ha), Carbosulfan 200 g/L SC (1,200 ml/ha), Thiomethoxam 20% + Chlorantraniliprol 20% WG (125 g/ha) are effective in controlling the jewel beetle when applied at 25 and 55 days after planting. These three insecticides represent 4 Mode of Action Groups namely, 1A, 6 and 4A+ 28 and hence can be used intelligently to prevent resistance development in the pest beetle to these three insecticides.